

**A HISTORY OF “ENGINEERING”**  
**at**  
**YOUNGSTOWN STATE UNIVERSITY**  
**SECOND EDITION**



**FRANK A. D’ISA**  
**and**  
**DANIEL H. SUCHORA**

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## PREFACE

### First Edition

In May of 1977, the Department of History asked to interview me for the Youngstown State University Project on the History of Youngstown University. Pleased to comply, my unrehearsed responses to various leading questions were recorded on audio tape during an otherwise routine day at my office. Some weeks later, I received a typewritten transcription of the tape to review. The message held together well, but several folksy sounding passages needed clarification. The manuscript was edited and filed.

As years went by, I would occasionally read my copy of that interview. Each reading would jog the memory of additional information that might improve the contents. Eventually I began to entertain the notion of some day writing a history of the engineering school. On approaching retirement, and thereafter, I discussed the subject with my wife, and some of my colleagues. The reactions were mixed, but in general supportive and encouraging.

In December of 1994, then a retiree, I was again interviewed, this time by Professor Hugh G. Earnhart, Department of History. Our unrehearsed discussion for the Oral History Program lasted about an hour and a half and was recorded on audio-visual tape at the University's Media Center. I welcomed the opportunity to participate in the ongoing effort to record the University's history, and was further inspired to proceed with my intended writing.

I had written much throughout my professional career. Some of my efforts had been published, including a textbook on my area of specialization, wherein there is a brief history. As a department chairperson I had maintained records and had prepared reports relating departmental activities. But somehow this venture seemed different, raising some questions in my mind. Is there some magical formula for writing a more extensive history? Are there potential problems of which I should be aware?

Most of my questions were answered in a very good book entitled "On Doing Local History: Reflections on What Local Historians Do, Why, and What It Means" by Carol Kammen, published by the American Association for State and Local History, Nashville, Tennessee, 1986. On page four of her book she states:

"I see local history as the study of past events, or of people or groups, in a given geographical area --- a study based on a wide variety of documentary evidence and placed in a comparative context that should be both regional and national. Such study ought to be accomplished by a historian using methods appropriate to the topic under consideration, while following general rules of historical inquiry: open-mindedness, honesty, accountability, and accuracy."

She goes on to discuss the multifaceted challenge of researching and writing a local history, and the pitfalls of bias and inadequate inquiry that plagued the work of many early historians. She relates the progress made since the 1880s with the emergence of "academic" historians and historical societies, and how local history is practiced around the world today.

Ms. Kammen does not tell her reader how to write a local history, but rather identifies and discusses expectations and problems of which one should be aware. Paraphrased, some of the more salient points are:

- (1) The intent and scope of a local history should be clearly defined and adhered to. It should be much more than a chronological listing of dates and events. It should relate human experience in and through time.
- (2) The historian should put aside any personal bias and tell the whole story, not only about successes and favorable episodes. Even though it can be expected that the historian and many of the intended readers have pride in their community, there is a risk of loss in credibility if the local history is too tidy or boosterish.
- (3) Ethics are most important when writing. The historian must guard against injuring a reputation, or the use of misleading innuendos.
- (4) Even if every bit of information about a local history is known, time and space may preclude that it can all be written. When necessary, choices should be in the interest of a well-balanced product that best accomplishes the purpose.
- (5) As with all kinds of research reports, it is essential that proper credit be given to all references used for a local history. This gives credit to past historians, and may help other historians in the future.

After much thought, I modified my objective to be A History of “Engineering” at Youngstown State University, with the word “Engineering” used in a broad sense to include early non-degree programs, engineering, and engineering technology. The account would be related within the context of the history of the university, and of regional and national events and agencies that have affected “engineering” education. Hopefully, my memories from being on the scene for more than half of a century and a lot of research would produce something worthwhile.

It was quite a challenge to digest the enormous amount of information available in various references. The chronology of major events was easy to trace and the six chapter titles seemed to be appropriate. However, relating “human experience in and through time” required careful treatment. For this purpose, the annual college/university catalogs were especially useful. Each edition provides a snapshot of the institution at the time, but studied in sequence, the catalogs reveal changes that were in progress. I was particularly sensitive to addressing an appropriate array of topics and to treating each topic objectively.

A major concern in writing this history was recognizing people. Those persons whose mention was deemed necessary to relating the history are included in the text. Thousands more, all important to the history, are recognized at the end of the work where faculty, staff, and graduates in the “engineering” experience are listed in Appendices D, E, and F, respectively. These lists were assembled with great care using data from several sources. Still, the reader is cautioned to not consider the information to be an official release from Youngstown State University. Discrepancies should be reported to the William Rayen College of Engineering and Technology so that files may be corrected for future publications.

The author wishes to acknowledge with gratitude the tremendous support received for this project. University service areas that provided generous assistance include the Office of Human Resources, the Office of Institutional Research and Assessment, the Office of Student Registration and Records, the Office of University Relations, the William F. Maag Jr. Library, the Computer Center, the Media Center, and the Alumni Office. The Arms Museum of the Mahoning Valley Historical Society was likewise very helpful. I am also grateful to several colleagues that I interviewed.

The dean, faculty, staff, and students of the William Rayen College of Engineering and Technology were most encouraging and supportive, particularly with regard to printing the manuscript.

A special note of thanks goes to my wife Mary Kay, my sister Mrs. Virginia Davidson, and to Mrs. Ann Przelomski, retired Managing Editor of The Vindicator. Their helpful suggestions and time spent reading the manuscript were invaluable.

F. A. D'Isa

February, 1996



## PREFACE

### Second Edition

I have known Frank D’Isa as a teacher, a faculty colleague, my Department Chair, and my long-time friend. I first met Frank as the teacher of a class I took as a freshman mechanical engineering student in 1964; that class was Descriptive Geometry, a class in visualization of complex 3D geometry. I was fortunate to have Frank as the instructor in other classes, but those that made the greatest impression on me were the stress analysis classes. In all these classes, Frank was an outstanding teacher, with both a practical and theoretical excellence. More importantly, he was a role model of a professional engineer, being a true gentleman of highest integrity, with a great sense of humor. It is no coincidence that my area of interest in engineering practice and my teaching specialty is stress analysis.

Frank approached me for help with the first edition of this book, primarily to help produce a Word document of the text, rather than simply a typed manuscript. In the early to mid-1990’s, that was a big deal. In the process, we had long discussions of the history of both YSU and Engineering at YSU. It is an interesting history and what is most obvious is the leadership, commitment, and personal sacrifice of the founders of YSU, especially in Engineering. These pioneers made it possible for people of modest means to obtain a high quality education that would probably not be possible without YSU.

When the first edition of this book was completed, Frank could not get any funding for publication from YSU. So, as usual, Frank paid for 200 copies of the text himself, and gave them to me to distribute as I saw fit. All he asked was that the proceeds from the sale of the book go to the Engineering College. All sales monies received have been given to the Engineering Dean’s Gift Account to support the College. This is Frank D’Isa, a man of great generosity and dedication to YSU, especially in Engineering.

The second edition of this text brings the history of Engineering at YSU up to the time of the Engineering College’s transformation into a part of the College of Science, Technology, Engineering, and Mathematics (STEM). Engineering has always been built on a firm foundation of science and mathematics. This new phase of Engineering at YSU brings forth both questions and opportunity. All hope for a continuation of what engineering has been, since its beginnings at the YMCA in downtown Youngstown in 1888, with the first recorded offering of YSU as a Mechanical Drawing Course. YSU gave the people of the Mahoning Valley an opportunity for a high quality engineering education at an affordable cost. Both Frank and I got our start in Engineering here, like so many others. This edition is dedicated to the hope that the future will always provide that opportunity to all of those who seek it.

A special note of thanks to Ms. Maureen Brajer, my very capable Administrative Assistant, for overseeing the editing and proofing of the second edition and Ms. Tara Anderson, who did much of the computer compilation.

Daniel H. Suchora

February, 2008

## CHAPTER I

### FROM YOUNG TO YOCO

#### Before 1900

Prior to 1791, a section of northeast Ohio was claimed by the State of Connecticut. When the area was ceded to the Federal Government, ownership of public land known as the Western Reserve was retained by the Connecticut Land Company, divided into townships, and sold to land speculators. Youngstown, Ohio was founded by a New York speculator, John Young, in 1797. He laid out a town plat and divided it into building lots, completed the land sales, and returned east with his family.

Small pockets of iron ore had been discovered, and the first blast furnace was constructed along Yellow Creek near Struthers in 1803. Wood, limestone and coal were available. Thus, what would become one of the great steel-producing centers of the world was born. Located midway between Cleveland and Pittsburgh on a river, the Mahoning, that provided access to the Ohio River and Lake Erie, the area would flourish as canals, and later railroads, would provide transportation for importing iron ore and exporting products. For the next 85 to 90 years the major industries would be the manufacturing of iron and the mining of coal; steel manufacturing by the Bessemer and Open Hearth methods would begin in the 1890s. The mills would be built along the Mahoning River with the residential district developing to the north; the city would spread across the river to the south early in the twentieth century. Youngstown would be incorporated as a village in 1850, as a city (population of 5,000) in 1867, and become the Mahoning County Seat in 1876.

The population of Youngstown grew to 1,025 by 1820, to 4,500 by 1860, to 15,435 by 1880, to 44,885 by 1900, to 79,066 by 1910, to 132,358 by 1920, to a peak of over 170,000 before people started to move to surrounding suburbs in the 1930s and 1940s. By the middle 1960s, the population of the metropolitan area (including Warren, Ohio) would exceed 500,000.

Prior to the 1880s, most immigrants in America had come from northwestern Europe. With the exception of some South Irish and Germans, they were mostly English-speaking Protestants. After the Civil War, immigrants came in increasing numbers from Central Europe and the Mediterranean area. This brought Greek, Italian, Slovak, Polish and a multitude of other nationalities to the Valley. Churches for Roman Catholic, Orthodox, Jewish and many other religions were built. Immigration from overseas was curtailed after World War I, but the Valley's population continued to increase due to the mass migration of southern African Americans into the northern cities, and later, in the 1950s, of some Puerto Ricans.

Youngstown grew slowly at first, but by 1875 there were churches, a public school system (including The Rayen School), railroad services, banks, newspapers, water works, a fire department, law enforcement, a library, an opera house, and various businesses. The successful iron industry had produced a wealthy class of citizens, many of whom financed the cultural life of the city. A small group of business men sought to provide more opportunities for the young men to succeed, and so started a YMCA in 1868. Rooms were rented on the second floor of the Packard Building on West Federal Street where a free reading room was featured. It was quite fitting. The original Young Men's Christian Association was founded in London, in 1844, by George Williams. As an evangelical organization with the purpose of looking after the spiritual welfare of young men in the cities, the YMCA was growing rapidly in the United States, Canada and many other countries.

The local YMCA venture did not fare well, however, until the prominent leaders in the community became interested in 1882. The revised organization, which included members of the first group, established its headquarters on the second floor above Ward's Gun Shop on East Federal Street and its activity rooms on the third floor of the building known as the Bushnell Block at 127 West Federal Street, which for many years housed Lustig's Shoe Store. Any young man who was a member in good standing of an Evangelical Protestant church could become an active member. Young men of good moral character, regardless of religious belief, were offered associate membership with all privileges except voting and holding office.

The declared objective of the local YMCA was the spiritual, mental, social, and physical improvement of young men. The new reading room was stocked with 65 different newspapers and periodicals, which included most of the outstanding periodicals of the 1880s. Also included in the reading room were games, writing materials, musical instruments, a directory of good boarding houses, and an employment directory. Activities included social and religious meetings, popular lectures and practical talks, and musical and literary entertainment.

In time, the Board of Trustees felt the need to offer classes for young men who had not taken, or could not take, advantage of the conventional schooling. Some of these men were either illiterate or poorly educated, and therefore in need of classes in elementary and secondary education. Other men were finding need for classes beyond high school in technology and business. Most were working during the day and could only attend classes in the evenings.

William H. Baldwin, a graduate of Geneva College, was the first chairman of the YMCA Board of Trustees and, upon completion of his term of office in 1887, became Chairman of the Education Committee that started and supervised the night classes. In 1890, The Vindicator (then The Youngstown Vindicator) reported that classes for Fall and Winter were: (1)

Arithmetic, Algebra, Bookkeeping, Civil Government, English (beginning, elementary, and advanced), Electricity, Free Hand Drawing, Mechanical Drawing, Mechanical Drawing (advanced), German, Orchestral Music, and Political Economy.

Some of these classes had been taught previously, but the first found to be recorded was Mechanical Drawing in 1888.

The Youngstown YMCA was incorporated in 1885 and a management structure was developed during the next few years. The first position was general secretary, and by 1893, the staff included an assistant secretary, a railroad secretary, and a physical director. A medical director was added in 1896. In 1892, a building, designed in Romanesque Revival style, was erected on the northeast corner of Federal and Champion Streets to house the YMCA activities. This location (now the site of the office building known as City Centre One) was in the cultural and business center of the city, in close proximity to the Public Library (on the site now occupied by the Mahoning County Court House) and the Opera House (on the Public Square next door and to the west of the Mahoning National Bank Building).

The educational program grew in the 1890s, both in scope and enrollment. The classes listed above were continued and a variety of others were considered. School terms were in session from September to December and from January to April, followed by commencement. The annual report for 1895-96 cited a total of 150 students. Classes in "English for Foreign Born Residents" were established in 1896. The program of lectures was also expanded, featuring authorities from out of town as well as local clergy and professional people. Events that touched on technology included lectures on topics such as steam boilers and engines, house lighting,

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\* The number in the parentheses refers to the list of Reference Notes, page 69.

warming and ventilating, industrial electricity, plumbing, water supply, sanitation, waste removal, and iron and steel chemistry. A class in Applied Mechanics was listed by 1898.

Herbert E. Caskey, General Secretary of the Youngstown YMCA from 1887 to 1902, promoted the educational program vigorously, emphasizing that the classes would enable a young man to get a job, be promoted in his present one, or obtain a better one. The national secretary of the YMCA awarded certificates to local students who passed approved written examinations, certificates that were recognized by more than 60 colleges. Also, The Vindicator would always be supportive of the YMCA activities, as would the Youngstown Telegram before it was absorbed by The Vindicator in 1936.

The educational program would expand and eventually gain regional acceptances, but the YMCA would be plagued with a problem of accreditation and its effect on students. When a young man successfully completed his educational objective, his potential for success also improved in the Valley where both he and the purpose of the classes were known. Perhaps he had completed the equivalent of high school or more to meet certain job requirements. If, however, he tried to relocate for a job or seek to enter college, then the credibility of his transcript would naturally become an issue. A certificate from the national YMCA, as mentioned above, might have been helpful to pave the way. But, as the educational program became academically stronger and more promising, it was not uncommon to find students continuing their education in Youngstown for a period of time before transferring to a college. The students would seek transfer credit, and because the North Central Association of Colleges and Secondary Schools refused to accept credits from a YMCA school, the local YMCA tried to get its credits accepted by colleges individually. The YMCA would struggle with this dilemma for many years, without success. But, let us continue.

#### 1900 to 1920: The Youngstown Association School

The Youngstown scene changed dramatically from 1900 to 1920. The population almost tripled, from 44,885 to 132,358, with new immigrants first settling in available areas near town and the mills, and then in the more remote areas, mainly south. World War I (from June 28, 1914 to November 11, 1919) brought prosperity to the nation, and to the Valley as well. Steel manufacturers merged into four major corporations: United States Steel, Republic Steel, Youngstown Sheet and Tube, and Sharon Steel. From 1915 to 1920, Youngstown's payrolls more than tripled, and the capital invested in the steel industries exceeded \$400,000,000. Railroad lines and banks became fewer in number, but stronger, and various merchants expanded their operation. The horse and carriage gradually gave way to the emerging automobile and the means for interurban travel was improved, making the city more readily accessible by students living outside of the area. These conditions all had a positive effect. Business operations became more complicated, thus requiring highly trained personnel in law, finance, and commerce. More highly trained engineers were needed to handle advanced technology in the mills. Public school teachers needed to advance their education in order to keep abreast of their profession. Young people were finding it to their advantage financially to pursue their education in Youngstown, even if they had to commute from an outlying area.

The YMCA membership grew rapidly and its activities expanded, adding physical conditioning, debating clubs, literary societies, art exhibitions, and others. Class topics were added to meet growing needs in technology, business, government, and general education. There also was a great need for classes in Telegraphy and in English for Foreigners. (Telegraphy was necessary, both to operate the railroads and as the only means of quick long distance communication before the telephone.) Day classes were added in the summer of 1905, and extended all year in 1910. The YMCA staff was increased and a full-time Secretary of Education was appointed in 1906.

By 1914, the YMCA activities had outgrown the physical facilities, and a larger building was constructed one block north at Champion and East Commerce Streets, where it now stands. The new building opened in 1915, and the old one was eventually torn down. During 1914-1915, there were 350 men enrolled in 24 classes, with a total class enrollment of 516.

The physical facilities again became stretched to the limit, and in 1920 a building was added on East Rayen Avenue behind the Public Library (built in 1910), which is situated on the northeast corner of Wick and Rayen Avenues. This new one-story structure (50 feet by 116 feet) could accommodate 300 to 400 students. Initially it would house the Automobile School which was started in 1914. Later it would accommodate trade school classes such as welding and machine shop, and some drawing classes. The Rayen Avenue building did not, however, solve the space problem. Thus, in September of the same year, the trustees converted 27 dormitory rooms in the downtown building, thereby increasing the school space by 30 percent.

The most important expansion of the YMCA activities during this period was the founding of the Law School. In 1908, the first class, Commerce Law, was held, and by 1910, a law program to train men to pass the Ohio bar examination was started. The Law School soon gained a reputation for its truly college level curriculum and the success of its graduates. The School was accredited by the Ohio Supreme Court in 1917 and authorized by the Ohio Department of Education to confer the Bachelor of Science in Law degree in 1920. In 1932, the Law School was granted admission to the Ohio League of Law Schools. The year 1908 was established as the founding date of the university.

In 1916, the YMCA educational program was incorporated as a non-profit institution under Ohio law, and was named the Youngstown Association School, open to both men and women. During the Summer of 1916, the Association School advertised in the Youngstown Telegram, listing course titles under five headings: Law, Business, Engineering, High School, and General. (2) Listed for Engineering were:

Surveying, Geology, Spanish, French, German, Analytical Geometry, Mineralogy, Sanitary Science, Calculus, Mechanics, Physics, Chemistry, Mechanical Drawing, Architecture, Estimating, Street Lighting, Concrete, Electricity, Heat Treatment of Steel, Structural Iron, Bridge Building, Mill Design, History of Architecture, Applied Mathematics, Heating-Ventilating, Sheet Metal, Theory of Machinists, Theory of Plumbing, Mechanics of Architecture, Graphic Statics, Commercial Practice, and Chemistry of Pharmacy.

This impressive list of courses, all of which were considered to be of college level, is an example of the aggressive capabilities of W. H. Rowland, Secretary of Education from 1910 to 1916. However, subsequent reports suggest that comparatively few of the courses were offered at any one time, with Mechanical Drawing, Architectural Drawing, Metallurgy and Electricity mentioned most often. All of the students attended part-time, and all of the engineering instructors taught on a part-time basis, with several hired over the years to handle the big demand for drawing.

The list of courses advertised in the Youngstown Telegram in 1916 under the heading Business was equally impressive, but was actually a combination of accounting and business administration courses, and secretarial studies. Demand for college level courses in business administration was developing rapidly.

Thus, by 1920 the YMCA educational program included the Law School, courses in accounting and business administration, courses in engineering, secretarial studies, the Automobile School, the High School, the Elementary School, and classes in "English and

Citizenship for Coming Americans.” Classes were being held during days and evenings, in the Fall, Spring and Summer. Enrollment figures were not given, but it was estimated that there were about 2,000 part-time students.

### 1921 to 1930: The Youngstown Institute of Technology

In September of 1921, the Board of Trustees changed the name of the school from Youngstown Association School to Youngstown Institute of Technology, which at the time was consistent with a national emphasis on technological education. In 1923, the Bonnell mansion next door and to the north of the Public Library was leased and refurbished to provide classrooms and drawing rooms. The plan was to move the college level classes “up the hill,” leaving Secretarial Studies, the High School, the Elementary School, and the “English and Citizenship” classes at the YMCA location downtown. (Secretarial Studies would be instituted at the main campus in 1938 and be renamed Business Education in 1940.)

Leonard Skeggs was the Secretary of Education from 1919 to 1923, and then he became General Secretary. Homer L. Nearpass took over the Education post and was named Director of the Youngstown Institute of Technology. Under their leadership the course of study in Commerce and Finance was started in 1920, and was authorized by the State Department of Education to confer the Bachelor of Commercial Science degree in 1924. In 1932, the course of study would be renamed Business Administration, with a Bachelor of Arts degree (AB) conferred. In 1948, the School of Business Administration was established.

In 1923, the engineering program was considered to be college level with classes in mechanical, civil, electrical and chemical engineering, but the demand was not enough to offer a degree.

The next big development was in the liberal arts curriculum, which grew out of the high school classes beginning in about 1921. Unlike law, business, and engineering, qualified faculty for college level courses in liberal arts were not readily available in Youngstown. Arrangements were made to have full-time faculty from nearby established colleges commute by train to teach classes in the evening on a part-time basis. Participating colleges included Hiram, Thiel, Slippery Rock, Westminster, Beaver, Geneva, and the University of Pittsburgh. In 1927, faculty (some of whom had taught here part time) were hired full time for day classes, and the Liberal Arts College was established. In 1930, the State Board of Education authorized conferring the Bachelor of Arts degree (AB); the Bachelor of Science degree (BS) would be authorized in 1937. In 1940, the College of Arts and Sciences was established.

Thus, by 1930, three college programs - law, business, and liberal arts - were authorized to confer degrees, but they were not accredited by the North Central Association of Colleges and Secondary Schools. Only the High School curriculum had been accredited by North Central, in 1925. All was not lost, however, for as early as 1923, Ohio State University, as well as Hiram, Thiel, and Geneva Colleges agreed to accept the Institute’s credits for students wishing to transfer. But most graduate schools were reluctant to admit students with a degree from a program that was not accredited.

After only two years in the Bonnell mansion, more space was needed because enrollments had doubled. In 1925, the John C. Wick mansion at Wick and Lincoln Avenues was purchased and, after suitable remodeling, the Bonnell activities were moved to the new property. But, in two years the Institute expanded again with the leasing of the Henry C. Wick mansion next door and to the north on Wick Avenue (now the site of the Maag Library), which would become the home of the school until the Fall of 1931. These magnificent mansions, like others on Wick Avenue, had passed their prime and were showing signs of deterioration.



Bonnell Mansion



Engineering Drawing (1929-30)

In 1929, the YMCA decided to conduct a development campaign to raise a million dollars to pay debts, build new buildings, and purchase equipment. The steel industries, business community, and individuals responded so quickly and so generously that campaign workers were not needed. The “kickoff” banquet became the victory banquet. The first building to be erected was the Main Building (the name was changed to Jones Hall in 1966) on the former site of the John C. Wick mansion. The exterior is of Tudor Gothic design and constructed of Indiana limestone. The event had great significance in that the school would no longer be relocated and would have a base from which to expand. Some felt that the building might serve the needs of the school for many years to come. The cornerstone was laid in May 1931, and classes started there the following September.

In the late 1920s there was very little demand for engineering classes, and what little activity there was would be included in the School of Liberal Arts beginning in 1930. While the YMCA administration never gave up hope for engineering, there are several probable reasons for the lack of progress. There had never been full-time faculty to provide leadership for engineering. Unsettled housing and a lack of funding available for expensive equipment had precluded laboratory development. Established engineering colleges nearby were serving the needs of students seeking an engineering degree, although at a higher cost. Also, the three degree-granting units and the many other activities at the Institute demanded so much attention that it just was not the time for engineering to blossom.



Jones Hall



In 1931, the Board of Trustees changed the name of the school from Youngstown Institute of Technology to Youngstown College. The name had become widely used after the Liberal Arts College was formed in 1927. Soon, the nickname “YOCO” became very popular.

### Engineering Education and the Engineering Profession

Thus far, our history of “engineering” at Youngstown State University has been discussed in the context of the development of Youngstown and the YMCA educational program. It is also essential that we appreciate the purpose and development of national, state, and local organizations that support engineering education and the engineering profession. Because many such organizations were established early in the time frame of this history, it seems appropriate to discuss them now.

Feats of engineering have been traced back to about 4000 B.C.; the processes of education are much older. In ancient times, a structure would be built by trial and error, with perhaps little record of the thought processes left for future generations to study. As centuries passed, man gained more knowledge of science and technology, applications became more specialized, and the techniques of disseminating information on new findings improved. Today, young men and women who aspire to a career in engineering need training in a branch of engineering (or engineering technology) from an accredited college or university. Once on a job, much of their work is governed by established standards. Their conduct is regulated by a code of ethics and they are encouraged to join engineering societies and to gain professional registration.

Beginning with Harvard University in Cambridge, Massachusetts, the 10 oldest colleges and universities in the United States were established from 1636 to 1769. By 1900 there were about 800 federal, state, private, and church-controlled institutions of higher learning that would become accredited by one or more national and regional accrediting agencies. Listed in Appendix A are some colleges and universities in Ohio, Pennsylvania, and West Virginia. A few of these institutions were mentioned earlier in this chapter, while others will be referred to later in the history.

Listed below with their founding dates, are the regional associations that accredit educational institutions: colleges, universities, technical institutes, service academies, and secondary (high) schools:

<u>Association</u>	<u>Established</u>
New England Association of Schools and Colleges, Inc.:	1885
Commission on Institutions of Higher Education	
Middle States Association of Colleges and Schools	1887
North Central Association of Colleges and Schools	1895
Southern Association of Colleges and Schools:	1895
Commission on Colleges	
The Northwest Association of Schools and Colleges	1917
Western Association of Schools and Colleges: Accrediting	1924
Commission for Senior Colleges and Universities	

These associations normally accredit an entire institution; units within an institution may seek (or require) accreditation by a national agency for their field.

There are more than 400 national, state, and local engineering societies in the United States. Most have common goals of disseminating information, of bringing engineers together to

exchange ideas, of enhancing the standing of engineers and the standards of engineering education, and of maintaining ethical practice guidelines for engineers and employers.

National engineering societies which are of interest to this local history are listed, with their founding dates, in Appendix B. Among those listed are 27 societies that constitute the Accreditation Board for Engineering and Technology, Inc. (ABET), which prior to 1980 had been called the Engineering Council for Professional Development (ECPD). ECPD was established in 1933 and began accrediting engineering programs (individually by branch of engineering) in 1936. The accreditation process was extended to associate degree programs in engineering technology in 1946, and to the baccalaureate programs in 1967. The 62nd Annual ABET Report (September, 1994) reports 1,494 accredited engineering programs in a total of 311 institutions and a total of 770 accredited engineering technology programs in 239 institutions. (3) The reported total membership (including students) of the 27 ABET societies exceeds 1,200,000.

A larger group of more than 30 societies (many of them also part of ABET) comprise the American Association of Engineering Societies (AAES), formerly known as the Engineers Joint Council (EJC). AAES represents the engineering profession as a whole in matters of public policy. A component of AAES known as the Engineering Manpower Commission (EMC) conducts various surveys on the profession and provides testimony thereon.

Five of the national engineering societies are referred to as the Founder Societies, as follows: American Institute of Chemical Engineers; American Society of Civil Engineers; The Institute of Electrical and Electronics Engineers; American Society of Mechanical Engineers; and American Institute of Mining, Metallurgical and Petroleum Engineers. They formed United Trustees, Inc. in 1904, and built the United Engineering Center on United Nations Plaza in Manhattan, NY. The 20-story building, completed in 1961, contains a library and office space for more than 20 engineering societies.

The National Society of Professional Engineers (NSPE), established in 1934, is made up of 50 state societies and four from the District of Columbia, Guam, Puerto Rico, and the Virgin Islands. One of the state societies is the Ohio Society of Professional Engineers, which was established in 1935. The primary purpose of NSPE is to promote the profession of engineering as a social and economical influence vital to the affairs of men and of women and of the United States, placing great emphasis on professional registration for engineers, engineering technologists, and surveyors. Each of the state and territorial societies has a registration board, and establishes its own regional and student chapters. The National Council of Examiners for Engineering and Surveying (NCEES), established in 1920, consists of all members of the state and territorial professional registration boards, and seeks to improve registration laws and procedures.

Listed in Appendix C are local engineering groups (chapters, sections, etc.) which were established by various national and state societies. Student chapters will be introduced later in the writing.

Last, but certainly not least, are the honorary societies which acknowledge achievement in academics, research, and professional stature. Honorary engineering societies, and their founding date, are:

<u>Name</u>		<u>Yr. Est.</u>
Tau Beta Pi	- National engineering honorary society	1885
Sigma Xi	- Recognition of achievement in research	1886
Eta Kappa Nu	- National electrical engineering honorary society	1904
Pi Tau Sigma	- National mechanical engineering honorary society	1915

Chi Epsilon - National civil engineering honorary society 1922  
 Alpha Pi Mu - National industrial engineering honorary society 1949

The highest honor that an American engineer can receive is election to the National Academy of Engineering (NAE), which was established in 1964 as the engineering equivalent of the National Academy of Science (NAS). NAE provides expert engineering knowledge and guidance for the government.

Every professional organization expects its membership to abide with a code of ethics, i.e., a basic set of rules to follow when providing service to the public and when interacting professionally with each other. About 25 of the national engineering societies have a common set of guidelines. But perhaps most important to engineers and surveyors in Ohio is the Code of Ethics for Engineers and Surveyors, Chapter 4733 of the Ohio Revised Code, which applies to holders of a license to practice in the State. A reader interested in the Code should see Exhibit I on page 70.

Acceptance for membership in a professional engineering society generally presumes a pledge of conduct. As one example, a statement which was adopted by the National Society of Professional Engineers in June 1954 reads as follows:

#### ENGINEERS' CREED

As a professional engineer, I dedicate my professional knowledge and skill to the advancement and betterment of human welfare.

I pledge: To give the utmost of performance;

To participate in none but honest enterprise;

To live and work according to the laws of man and the highest standards of professional conduct;

To place service before profit, the honor and standing of the profession before personal advantage, and the public welfare above all other considerations.

In humility and with need for divine guidance, I make this pledge.

## CHAPTER II

### YOUNGSTOWN COLLEGE BEFORE WORLD WAR II

#### Dr. Howard W. Jones Becomes President

The decade following the stock market crash that occurred on October 29, 1929, was marked by a devastating depression and high unemployment, with industries and urban industrial workers hit the hardest. Congress passed the National Labor Relations Act in July, 1935, authorizing employees to organize and bargain collectively through representatives of their own choosing. Still, conditions of the time reduced previously workable management and labor relations in the Valley to a state of adversity that prevailed into the 1950s. Youngstown College was fortunate, however, in two respects. First, the generous contribution pledges resulting from the development campaign in 1929 were honored in spite of the financial crisis. Second, the student enrollment was not affected as expected because the low tuition cost provided an opportunity for students who were financially unable to go away to college.

In July 1931, Howard W. Jones, AB, M.A., became Assistant General Secretary of the YMCA and Head of All Educational Activities. Born in Palmyra, Ohio, on September 27, 1895, Mr. Jones had served as assistant to the president at Hiram College. Homer L. Nearpass resigned in 1931 and Leonard Skeggs died in 1933, leaving the entire responsibility to Mr. Jones, who was named Director of Youngstown College in 1932, and President in February 1935. He was awarded a D.Ped. degree in 1944 by Westminster College.

Beginning in 1931, the YMCA educational program placed an increased emphasis on collegiate orientation. By the middle 1930s the Elementary School, the High School, and the Trade School on Rayen Avenue were all closed. The estimated overall enrollment of about 2,000 students in 1930 dropped to a reported 1,238 by 1932. However, beginning in 1930, Youngstown College reported enrollments only for the degree-granting units. Using the college catalogs as the reference, there were 528 students enrolled during the academic year 1930-31 (280 men and 248 women; 268 day and 260 evening). The enrollment increased to 784 (439 day and 345 evening) in 1934-35, and to a peak of 1,743 (734 day and 1,009 evening) in 1941-42 before declining to 1,175 (495 day and 680 evening) during 1943-44, largely because of the draft for World War II. Thirty-two degrees were awarded in 1931-32; the high until after the war was 124 in 1942-43.

During the 1930s, three academic areas gained attention: education, music, and engineering. Education and music are discussed briefly below (engineering is treated in more detail beginning on page 14).

In 1932, the college started a high school teacher training program to fulfill a need of the Youngstown public schools. The Department of Education was established in 1933 and authorized by the Ohio Department of Education in 1937 to confer the Bachelor of Science in Education degree (BS in Ed.). Authorization to train elementary teachers was granted in 1939.

The Music Department was started in 1930 and by the late 1930s, it was offering curricula for both the Bachelor of Arts degree (AB) and the Bachelor of Science degree (BS). In 1941, the Music Department was merged with the Dana School of Music, which was started in Warren, Ohio, in the 1870s and had gained national prestige. The Charles S. Thomas home on Wick Avenue, one block north of Jones Hall, was purchased to house the Dana School of Music of Youngstown College.

Except for the steel strike in 1937, the pulse of the Valley was relatively stable during the latter 1930s. There were signs of economic recovery, but still considerable unemployment.

However, the United States, the Valley, and of course Youngstown College would begin to feel a pulse increase in September, 1939 when World War II broke out in Europe. At first Americans debated whether to take part or stay out of the conflict, but by September of 1940 the United States Selective Service Act became law and all eligible men between the ages of 18 and 37 were required to register for the draft. The United States converted from peacetime to wartime manufacturing, aiding the Allies in every possible way short of war, while building up its own supply of war materials. Automobile factories made airplanes and tanks; the Valley turned out about 10 percent of the nation's total steel production. Mobilization and training of wartime personnel (men and women) for the various branches of the armed forces and for national defense was implemented in earnest. A few days after the Japanese attack on Pearl Harbor on December 7, 1941, the United States was at war with Japan, Germany, and Italy.

Entrance of the United States into the conflict affected Youngstown College and the students in several ways. Summer vacation was eliminated so that students might complete the requirements for their degree sooner. Enrollments declined because of enlistments and the draft, and also because employment opportunities improved. In fact, because of a shortage of employees in industry, women were employed to do jobs normally performed by men.

A program that affected some of the male students directly was the Army Specialized Training Program (ASTP). It seems that the government sought to preserve the talent of the upper-division students in certain disciplines, notably pre-medical and engineering, but perhaps some others. However, parents of sons in the service were not delighted with any favoritism shown to college students. The ASTP provided a means by which students who enlisted in the program would be inducted into the service for basic training, and later attend a college elsewhere to complete their degree. Students who participated in ASTP were required to include some additional courses in their curriculum. Engineering students took four courses: Economics of War, Meteorology, Navigation, and Military Psychology.

Following commencement in June of 1943, the student body consisted almost entirely of women. Intercollegiate sports were suspended and would not be resumed until the Fall of 1946. Necessary to the war effort, but still of concern to everyone, was the rationing of gasoline, shoes, nylons, cigarettes, coffee, sugar, and other food items.

To assist in the war effort (and to offset the revenue loss from student tuition) the College undertook government subsidized programs such as civilian pilot training, instruction on the manufacturing of munitions, specialized training essential to national defense, and the pre-induction naval training V-1 program.

### North Central Accreditation

When Dr. Howard W. Jones became Assistant General Secretary in 1931, a group among the YMCA Board of Trustees began to move toward making Youngstown College independent and accredited. The strongest support came from James L. Wick Jr., who had been serving as Chairman of the Education Committee (which functioned as the Board of Governors of the College) since the close of World War I. He was of the opinion that deficits in other YMCA activities were being made up from College surpluses, and the Board of Trustees would remind him that there had not been a charge for the use of the physical facilities and some other services.

Mr. Wick proposed that the College be incorporated and have a new Board of Governors which would replace the Education Committee and not be restricted to YMCA members, and thus not consist solely of Evangelical Protestants. The Board of Trustees approved the proposal, and 27 men (some of whom were Roman Catholic and Jewish) were appointed to serve on a temporary Board of Governors while incorporation procedures were undertaken. The Trustees,

however, refused to give control of the College finances to the new Board of which Mr. Wick was elected chairman.

Debates and arguments persisted over the next several years. Trustees who were faithful to the YMCA felt that they were straying too far from their original objective, and that no unit should be allowed to become more powerful than the YMCA. Others dwelled on the advantages of autonomy and accreditation for the College. The College Catalogs from 1931-32 to 1935-36 listed a Board of Trustees for the YMCA and a Board of Governors for the College, with only 10 to 12 names repeated. But in fact, the Board of Governors consisted largely of YMCA members.

Finally, Youngstown College was incorporated in March, 1937. By the new regulations, the College gained more authority over academic activities and operations, and personnel. However, the YMCA retained control of the College finances and property. The number of members on the temporary Board of Governors had been increased to about 33, but the new regulations continued to require that it consist largely of YMCA members. Beginning with the College Catalog for 1936-37, only a listing of the Board of Governors was shown. The North Central Association would not accept these conditions. However, once incorporated, the College did gain recognition from some other groups. They gained admission to the Ohio College Association in 1940 and the Association of American Colleges in 1941. The College would become a member of the American Council on Education in 1946.

The report from North Central Association following its accreditation visit in 1943 convinced a majority of the Trustees that the College had to become independent of the YMCA if it was to become accredited. North Central had found much to commend in the college, but also much to criticize. It was clear, however, that the critical issues were governance and finances. In spite of appearances, the YMCA was legally in control. Financial records of the College were found to be mingled with those of the YMCA in a confusing way, and the College had no assets except for current funds (tuition) and the equipment in the buildings.

In November, 1943 the YMCA Trustees proposed three changes. Henceforth, only a majority of the College Governors would be members of the YMCA. The College records would be kept separate from those of the YMCA, and the College buildings and property would be turned over to the College corporation. These proposals were ratified at a full membership meeting of the YMCA, and subsequently by both Boards at a meeting on January 11, 1944. The Articles of Incorporation were signed by Howard W. Jones, President, and Hugh H. Manchester, Secretary, and filed with the Secretary of the State of Ohio. Following another accreditation visit, Youngstown College was accredited by North Central Association of Colleges and Secondary Schools on April 7, 1945. The College would continue to use the YMCA physical education facilities for many years and some of the faculty would maintain enrollment in their national pension fund. The clause regarding YMCA representation on the College Board of Governors (name changed to Board of Trustees in 1944) would eventually be eliminated in 1955. (Women utilized the YWCA physical facilities at 25 W. Rayen Avenue, built in 1912.)

The local YMCA must be commended for first recognizing a need for classes to educate young men in the 1880s and for its tenacity in developing the educational program. It had been vitally instrumental in developing an urban college, urban by definition in that the development was entwined with the development of the city. It is easy to understand the YMCA's reluctance to give up the College assets that they had acquired through contributions. (City tax revenues had not been, nor would ever be, used to support the YMCA educational program or the College.) However, it was inevitable that the College had to be given its independence if it was to become accredited, and the YMCA must again be commended for recognizing that granting such independence was the ultimate act of fulfilling its purpose of helping students. Henceforth, academic credits earned at Youngstown College would gain wide acceptance.

### Engineering: AB & BS Degrees

Engineering programs emerged in the Liberal Arts College in the early 1930s. This was made possible because programs in chemistry, mathematics, and physics were started in 1930. Having major influence at the time were Castle W. Foard, Ph.D, Mathematics and Physics, and Eugene D. Scudder, Ph.D., Chemistry. (Dr. Scudder later served as Head of the Chemistry Department).

The College was on the semester system of terms (and would be until it became Youngstown State University). The Fall semester was in session from about September 15 until the end of January, with a two-week-long break at Christmas. The Spring semester lasted from about February 7 to the end of May with a one-week spring break. Summer sessions were nine weeks long, beginning about June 15. The reader is reminded that under the semester system, course numbers ranged from the 100s level for freshmen courses to the 400s level for senior courses.

In the college catalogs for 1930-31 and 1931-32, there was only one course entry listed under Engineering: Engr 101, 102 - Principles of Engineering Drawing, Descriptive Geometry, with a note that students interested in pre-professional study should see the Director of the College before making out a schedule.

The first engineering curricula were listed in the 1932-33 catalog: a "Pre-Engineering Three Year Plan," a "Four Year Engineering Course Leading to an AB Degree with a Major in Chemistry," and a "Four Year Engineering Course Leading to an AB Degree with a Major in Mathematics or Physics." The "Three-Year Plan" would enable the student to complete an engineering degree elsewhere in three years, a "Four-Year Course" in two years. The three year plan required a minimum of 96 semester-hours credit; a four year course required a minimum of 126 semester-hours. No degree was awarded to students who completed the three year plan.

From 1930-31 to 1936-37 the total number of courses listed in catalogs under Chemistry, Mathematics, and Physics increased from 22 to 49, but only a few that were introduced had titles that might be found in engineering curricula, as follows:

1931-32:	Chem 313	Metallurgy
	Chem 314	Metallography
1932-33:	Chem 316	Metallurgy
	Math 314	Analytical Mechanics (Statics and Dynamics)
	Phys 211, 212	Surveying
	Phys 303	Electricity and Magnetism
	Phys 305, 306	Electrical Measurements
	Phys 308	Thermodynamics

In 1937, the Liberal Arts School was authorized to confer the Bachelor of Science degree, which was more fitting for engineering. The new authorization was reflected in the catalog for 1937-38, showing programs as follows: "Curriculum for the Bachelor of Science Degree in Chemical Engineering" and "Curriculum for the Bachelor of Science Degree in Mechanical Engineering." The Chemical Engineering program had a General Option and a Metallurgical Option. A total of 150 semester-hours were required for the BS degree, which included 10 semester-hours of freshman mathematics below the level of calculus, and two years of a foreign language. The "Three-Year Plan" and the "Four-Year Courses" no longer appeared in the catalog beginning in 1937-38, and the curricula for the Bachelor of Science degree would be in effect until after the war. (The Department of Chemistry would continue to offer a curriculum leading to a Bachelor of Science degree with a major in metallurgy until 1970-71.)

From 1936-37 to 1942-43, the total number of courses listed in catalogs under Chemistry, Mathematics, and Physics increased from 49 to 90 and the number of courses with engineering-type titles increased from 10 to 31. The only courses listed under Engineering, all on engineering drawing, increased from two to five.

During this period of six years, the number of full-time faculty for chemistry, mathematics, and physics increased from three to six, but there had only been one full-time faculty member for engineering. Byron W. Mottinger, E.E., handled engineering courses from academic year 1938-39 until his death during 1941-42. He was considered by his students to be the director of their program. However, the college catalogs did not designate any title for Mr. Mottinger.

Over the same period of time, the number of part-time faculty increased from three (one for mathematics and two for engineering) to 13 (seven for chemistry and mathematics, and six for engineering). Most of the part-time faculty had professional work experience that enhanced their educational qualifications. The engineering students were particularly cognizant of the position and company affiliation of faculty who had experience in local industry.

In 1938, the Henry K. Wick mansion, later known as East Hall, was purchased to house the Secretarial School. The purchase included the Wick family stable, which was remodeled to provide classrooms and laboratories for the Engineering Department and made available in the Fall of 1941. This three-story structure was known as the Applied Science Building, but was often affectionately referred to as the Stable of Allied Science. In later years, the building would be known as West Hall. For a description of the laboratories in the Applied Science Building see Exhibit II, page 73.

It was later reported that the Engineering School was inaugurated in 1939 in a single room in the rear of the basement of the main building (Jones Hall). (4) Personal notes of the author place a laboratory in the basement in 1940 for electrical engineering consisting of a motor-generator set, three transformers, and a few meters.

Louis A Deesz, BSE.E., E.E., joined Youngstown College as a part-time faculty member during the academic year 1940-41 and became the first Dean of Engineering in 1944. A native of Denver, Colorado, and a graduate of Carnegie Institute of Technology, Dean Deesz had acquired 25 years of engineering experience while working for several organizations, including Westinghouse Electric and Manufacturing Company, and Republic Steel Corporation.

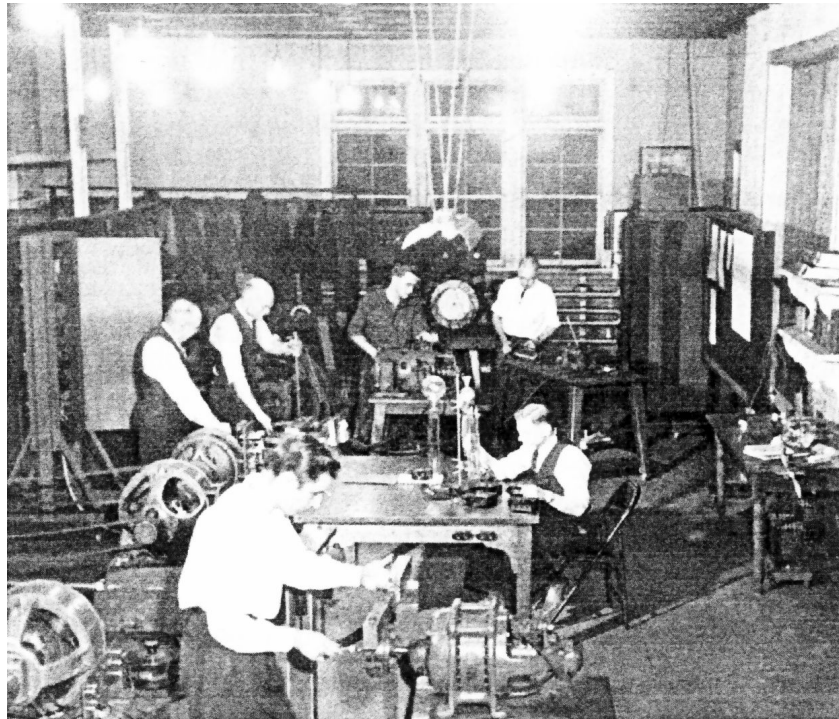
### Memoirs of A Student

As a student in high school during the later 1930s, the author has several recollections. Certainly, the depressed economic condition had made everyone very money conscious. One problem was that many people were suffering financially from past periods of unemployment, and the future still appeared uncertain. Also, the hourly wages for many jobs was well under a dollar an hour, and if fully employed, it was not uncommon for a family of four to live on an annual income of about \$1,500. Moreover, a new automobile cost \$800 to \$1,000, a house perhaps \$3,000 to \$5,000, a gallon of gas 10 cents, a loaf of bread 9 cents, and a gallon of milk 50 cents. It was estimated that the annual food bill for a family of four was \$480. Thus, a college education for a son or daughter presented a real sacrifice, except perhaps for the more





Applied Science Building



Laboratory in the Applied Science Building

affluent families. Furthermore, scholarships and grants were rarely available. Consequently, young people felt little or no pressure either from society or their peers to go to college.

Many people felt certain that well-paying jobs would open up again soon and that gaining experience would be worth more than going to college. On the other hand, a college graduate carried a certain respectability, and there were stories about young people who had gone to college for just a year or two who had obtained good jobs. The high school counselor for engineering was most likely to be a mathematics or science teacher. At South High School, a mathematics teacher, Herman C. Welch, made a special effort to counsel students on science and engineering careers and also on the programs that were becoming available at Youngstown College where he taught evening classes. Trying to understand what the various branches of engineering entail was as much of a challenge for a high school student then as it is now. A visit to an industrial plant would reveal an awesome array of engineering applications in too short of a period of time, and the associated engineering offices would seem to consist of endless rows of drafting tables, leaving one to wonder where to start learning the operation.

All things considered, a commitment to complete the necessary high school prerequisites and seek a college education would, in most cases, reflect the personal desire of the student to go to college. Only about one percent of the national population was attending a college or university, and Youngstown College was accommodating about one percent of the local population --- largely due to a low cost of \$240 per year, including tuition (for 16 semester-hour credits), fees, and textbooks. Local high schools would acknowledge college aspirants (about five percent of the class) at commencement, and the College registrar, Mr. Philip P. Buchanan, would follow up with a personal contact.

Students who attended Youngstown College in the late 1930s and early 1940s experienced conditions that were uniquely memorable. The main building (Jones Hall) was the center for most of the college activity, with all available space in use. On the first floor were the president's office, the registration office, the auditorium, The Jambar (started in 1931) office, the publicity office, the payment office, the student lounge, the business office, the cafeteria, the book store, and offices for the Dean of the College and the Dean of Men. The second floor housed mainly classrooms and much of the third floor was used for biology, chemistry, and physics laboratories. The Music Department and the library occupied the fourth floor. The Dean of Women and some faculty had offices on the second and third floors. Religious counselors for students of Protestant, Catholic, and Jewish faiths were available. The College auditorium had a seating capacity of about 375 and served many functions: chapel services, dances, seminars, music performances, etc. (The auditorium capacity would be increased to 800 and named Strouss Auditorium when the north side of the building was remodeled in 1949. The space is currently used as the records area.) The student lounge, where students studied, relaxed and socialized, was across the hall in the area later occupied by the Bursar's offices for many years. (This area has very recently been restored as a lounge).

As mentioned previously, the total enrollment in academic year 1941-42 was 1,743, with 734 reported to be day students. However, the daily student traffic and the attendance at various student functions suggested that the number of students who participated in the life of the college on a full-time basis may have been about 300 to 350. The College fielded its first football team in the Fall of 1938, and the first homecoming was held on November 12. In 1939 a live mascot, Pete the Penguin, created much interest until he drowned while fishing under the ice at Crandall Park in January 1941. His successor, Pete II, was also short lived, and so went the idea of a live mascot. As was the practice with basketball, which was started in 1927, the home football games were held in local high school facilities (mostly South and Rayen). Fraternities and sororities were very much in evidence, and participated actively in such annual social functions as the Homecoming Dance, the Snowflake Frolic, the Sweetheart Dance on Valentine's Day, Sadie Hawkins Day, and the May Day Festival. The Newman Club was active.

A convenient alternative to the College cafeteria was the tea room in the basement of the Lincoln Hotel across the street on Lincoln Avenue at the site now occupied by the Warren P. Williamson College of Business. Also, there were at least 20 restaurants and lunch counters downtown to serve most tastes: the Mural Room, Raver's, the Brass Rail, Petrakos, the Italian, the Ringside, and Oles, to mention a few. Federal Street, from Spring Common at the west end to Watt Street at the east, and the adjacent grid of streets to the north and south were a beehive of activity. The Tod House and the Ohio Hotel provided fine lodging. Among the many vendors were G. M. McKelvey Company (later Higbee's), Strouss-Hirshberg (later Kaufmann's), Sears-Roebuck, Livingston's, Woolworth's, drug stores, and grocery markets. The pedestrian traffic was heavy, particularly on Saturdays.

There were 10 or more movie theaters including the Palace, Warner, Strand, and Paramount, most of which would open about noon and run continuously until almost midnight. For about 25 cents, one could enter any time a seat was available, see a double feature, a news reel and an animated cartoon --- and leave anytime. Such movie classics as "Gone with the Wind," "Casablanca" and "Wizard of Oz" were released during this period. Also, it was the height of the Big Band era and most of the famous orchestras came to the area, such as Glenn Miller, Benny Goodman, Tommy Dorsey, and Vaughn Monroe. Some bands appeared in concert at the Palace Theater, others for dancing at Idora Park, the Mansion, the Elms Ballroom, and Yankee Lake. Those who sought classical entertainment could attend the Music School performances, the Youngstown Playhouse (started in 1925) and the concert series at Stambaugh Auditorium (built in 1926). Both the Monday Musical Club and the Youngstown Symphony Society used the auditorium. There were also concert and opera performances as near as Pittsburgh and Cleveland. The Butler Institute of American Art (built in 1919) and the College Art Department (started in 1927) held frequent exhibitions, and there were numerous church festivals and many special events at Idora Park during the summer.

Many outlying areas of the city, some of which were ethnic, had a church, a clothing store or two, a restaurant, a grocery store, a gas station, a beer garden, and perhaps a neighborhood theater (or drive-in), but there were no plazas or malls. An automobile was a convenience, but many people managed very well without one. The bus transportation system had routes covering the entire city, picking up passengers at frequent intervals of time from 4 a.m. until almost 2 a.m. A weekly pass good for unlimited bus use cost one dollar. Ten bus tokens or 25 student tickets with no time limit for use also cost one dollar, and you could get a transfer coupon for travel across town. People needing to travel further could go by Greyhound bus or one of the four railroad lines: New York Central, Baltimore and Ohio, Pennsylvania, and Erie. Ticket fares were reasonable.

Beginning in the Spring of 1942, it became increasingly more difficult for most students to concentrate on their class work. The plots of then recent movies, such as "Sergeant York" and "Yankee Doodle Dandy," and the lyrics of hit records played on wartime moods and situations. Scarcely a week passed without some classmates either leaving for the service or appearing for a visit while on furlough. Either way, a get-together would be generated at a moment's notice. An entourage would accompany departing classmates to a train station or the bus station to wish them farewell. Anxiety about the future had created a party-like atmosphere that was at times very understandably distracting to academic objectives. The College officials had a problem justifying or denying course credit for students who were inducted unexpectedly.

Several aspects of the educational experience of engineering students seeking the Bachelor of Science degree during this period are noteworthy. Freshman and sophomore class enrollments averaged about 25, but the upper-division classes were small, usually fewer than 10 students. There were only 35 engineering students. Overall, the quality of instruction was very good and the curriculum provided adequate laboratory work and a flavor of practical application where possible. However, the programs lacked both breadth and depth in engineering courses

during 1942-43 because the college did not hold several of the courses listed in the curriculum. Perhaps dwindling enrollment made such offerings impractical.

Applications of mathematics in the engineering courses presented only the usual difficulties, but without calculators and computers, numerical calculations were tedious. Until about 1940 or 1941, when the slide rule came into use by engineering students (at YOCO), calculations were made either longhand or by the use of logarithms. But, no matter what method one might choose, much time and care were required to minimize human error when numerical calculations were lengthy.

Written communication was also tedious. Because of a lack of quick convenient methods for duplicating written materials, there were few, if any, prepared handouts given in the classes. Thus, students had to rely heavily on taking notes. In many classes it was required that written assignments and laboratory reports be prepared either longhand in ink (ball-point pens did not become available until the late 1940s) or by typewriter. Either way, errors could not be corrected easily, or neatly. With a typewriter, multiple copies could be made by using carbon and onion skin papers, but then errors would have to be corrected on each page. If a copy of an important document was required, a much used option was to obtain a photostatic copy, or a blueprint in the case of a drawing.

In summary, "engineering" at Youngstown College became increasingly visible beginning in 1932-33. The earliest curricula addressed pre-engineering study only, but by 1937-38, full courses of study were available for chemical and mechanical engineering. In the Fall of 1941, the Applied Science Building became the home of the Department of Engineering (minus laboratories for chemistry and metallurgy which were retained in Jones Hall). For the first time in history there were full-time engineering students on campus, few in number but notable at the time. (The author's research uncovered 16 engineering students who earned the BS degree, seven of whom completed the requirements after World War II. Only one student could be found who earned the AB degree, this one prior to the war.) Following commencement in June of 1943, the college would assist the war effort and lay plans for the post war era.

## CHAPTER III

### YOUNGSTOWN COLLEGE AFTER WORLD WAR II

#### The Veterans Return

During World War II, the industrial capacity of the United States had expanded greatly to meet the military needs. Civilian unemployment virtually disappeared; money was earned, but there was a scarcity of domestic goods. Following the war, the industrial plants undertook a double task: satisfying the enormous backlog of demand for consumer items in this country, and providing materials necessary to rebuild industries in the war-torn countries of the world. There followed an affluent era of full employment and prosperity that would extend into the 1970s.

Preparing in advance to assist veterans in readjusting to civilian life when the war was over, Congress passed the Servicemen's Readjustment Act (known as the GI Bill of Rights) in 1944. One important provision of this Bill entitled every veteran to government support at an accredited educational institution for a period of time based on the length of his military service.

The conflict in Europe ended on May 7, 1945, and in the Pacific on September 2, 1945. Demobilization during 1945-46 brought about rapid increases in college enrollment under the GI Bill. It is estimated that 2,200,000 veterans took advantage of this opportunity to attend college, of which 450,000 sought engineering. This also served to inspire non-veterans and younger brothers and sisters to attend. The large influx of students into the nation's colleges and universities created much need for faculty and new facilities. Many new institutions were established.

The Korean conflict started on June 25, 1950 and ended on July 27, 1953. In 1952, Congress passed the Veterans' Readjustment Act for Korean War veterans, which would add another 1,200,000 students to the higher education system.

As mentioned previously, the enrollment at Youngstown College was reported to be 1,175 in the catalog for 1943-44. President Howard W. Jones reported an enrollment of 3,086 for the Fall of 1947 and a peak enrollment of 4,359 in the Fall of 1948, at which time 2,752 (63 percent) were World War II veterans. The ratio of men to women had changed dramatically from less than one to one to more than four to one.

There followed a decline in enrollment as the World War II veterans graduated and because of the draft for the Korean War. Also, the plentiful employment opportunities in the Valley caused some young people to defer their education or attend only part-time. By the Fall of 1952 the enrollment dropped to 3,142 including 482 World War II veterans, but by then, 104 returning Korean War veterans had enrolled. By the Fall of 1955 there were only a handful of veterans enrolled on the GI Bill, but the enrollment of Korean War veterans was 1,325, accounting for 29 percent of the total enrollment of 4,597.

The engineering enrollment increased from about 35 students before World War II to a reported 799 in the Fall of 1948, but then dropped to 643 students by the Fall of 1952, representing 20 percent of the total enrollment of 3,142. But, by the Fall of 1955, when Youngstown College would become Youngstown University, the engineering school became the largest of all the academic divisions, claiming 1,209 (27 percent) of the total enrollment of 4,597.

When the North Central Association visited the College prior to granting accreditation in 1945, the examiners expressed concern about the potential for campus expansion, which appeared to be limited, and the lack of an adequate library facility. With the large influx of veterans,

coping with these concerns took on a sense of urgency. Classroom facilities would have to be expanded quickly, utilizing available existing structures, some of which are discussed below. A new building could serve as a library, provide additional classrooms, and be an important step in future campus development.

Classroom space was added during 1946 when four army barracks, each two stories high, were obtained from Camp Perry, Ohio, through a Federal Government program for the disposal of surplus war goods. These four barracks, known as the Annex, were interconnected and in a line parallel to Wick Avenue, beginning just north of West Hall. A fifth barrack was added in 1947, which would house a cafeteria and dining area on the first floor, and music practice rooms on the second. Known as Central Hall, this barrack was situated between West Hall and East Hall.

Also in 1946, the college bought some homes on Bryson Street for classroom space, and the Butler residence just south of the Butler Institute of American Art for use as a home for the president. (Bryson Street, now a campus walkway, was parallel to Wick Avenue and bordered the west side of the Science Building.) Occasionally, classes were held in the basement of the president's home, which eventually gave way to the Maag Library.

In 1950, Pollock House, on the northeast corner of Wick Avenue and Spring Street, was given to the college by Mr. and Mrs. William B. Pollock II. The first floor was used for social events, and the upper two floors for classrooms and offices. The building was remodeled and enlarged in 1987 and is currently the Wick-Pollock Inn.

Ford Hall, on the site which is now occupied by Bliss Hall, was a gift from Judge and Mrs. John W. Ford and Judge Ford's sister, Mrs. Benjamin Agler. The building provided classrooms and offices on the first and second floors.

The former Newsboy's Club on Lincoln Avenue (on the site of Ward Beecher Hall) was renovated and remodeled in 1953 for use as the Women's Physical Education Building.

Continuous or occasional use was made of various other facilities belonging to such agencies as the City of Youngstown, the Mahoning Chapter of the American Red Cross, the Mahoning County Tuberculosis and Health Association, the Board of Park Commissioners of the Youngstown Township Park District, the Girard Board of Education, the Public Library of Youngstown and Mahoning County, the Butler Institute of American Art, Stambaugh Auditorium, St. John's Protestant Episcopal Church, St. Joseph Roman Catholic Church, and the First Presbyterian Church.

The critical need for a library building on campus was finally satisfied in 1953. In 1892, the YMCA started with a reading room containing newspapers and periodicals, but after it began to hold classes, the school relied almost entirely on the Public Library for reference books, both when the library was downtown and later when it was moved to its present location. When the main building (Jones Hall) was constructed in 1931, space on the fourth floor was reserved for a college library. In 1935, it was reported that the library contained 4,387 volumes and 38 current periodicals, which were very small holdings when compared to 142,780 volumes at the Public Library.

In 1938, the Association of the Friends of Youngstown College was organized by the American Association of University Women under the leadership of Mr. William F. Maag Jr., editor and publisher of The Youngstown Vindicator and a member of the College Board of Governors. Through their continued effort, the college libraries, which included the Main Building Library, the Rayen Building Library, the Music Library, and the Law Library, contained about 65,000 volumes and nearly 500 periodicals by 1952. The holdings were still

small compared to 270,000 volumes and 575 periodical available at the Public Library, but the faculty was careful to select additions of particular value to the academic programs.

In 1947, the Friends began a campaign with the goal of one million dollars for a new library building, and in 1949, the lot for the building was purchased. With much credit given to President Jones for raising funds, the campaign goal was reached in June 1950, and construction was started in the fall. Dr. Jones paid high tribute to industrial and business firms, and individuals throughout the Mahoning Valley for their contributions to the Library Fund, noting that many of their employees and children were taking advantage of the opportunities that the college presented. He also praised the Friends and Mr. Maag for their untiring support.

The three and one-half story library building was opened in May of 1953. When the building was completed, however, space was provided in it not only for the library, but also for faculty offices, meeting rooms, registration of students, and other activities. A wing at the north end of the building consisting of nine classrooms and faculty offices was known as John Tod Hall. Today the entire building houses administrative offices and is known as Tod Hall.

In 1955, 10 years after the initial accreditation, the college was reaccredited by North Central Association of Colleges and Secondary Schools. North Central felt that the institution met the qualifications of a university, having five accredited academic units: Law, Music, Arts and Sciences, Engineering, and Business. Effective September 1, 1955, Youngstown College became Youngstown University.

#### The Dean Deesz Era

In 1944, the College leased the Judge William Rayen Building on Wick Avenue just south of Rayen Avenue and arranged to have the interior completely rebuilt for use as an engineering school. Constructed in 1866, the building was used for city high school classes until the current Rayen School was built in 1922. It was a junior high school until 1928, but from then until 1944, the building was used infrequently. Beginning in February 1946, the Judge William Rayen Building would house the William Rayen School of Engineering. At this time, the administration also elected to relocate the mathematics and physics classes from the main building (Jones Hall) to the William Rayen Building. (For a description of the interior of the building, see Exhibit III, page 74).

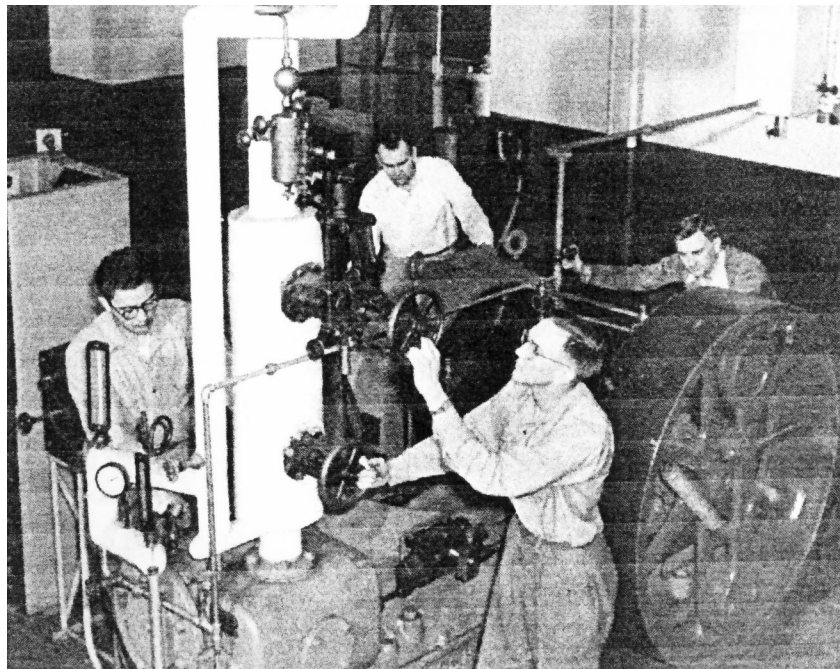
In October of 1944, Youngstown College was authorized by the Ohio Department of Education to confer the Bachelor of Engineering degree (BE). Even before the new authorization, however, Dean Deesz made changes in the curricula for the Bachelor of Science degree. Listed in the college catalog for 1944-45 and 1945-46 (a single catalog) were curricula for electrical, industrial, and mechanical engineering. Notable changes within the curricula included the reduction of the foreign language requirement from two years to one, and the introduction of a three-semester-hour thesis credit requirement in electrical and mechanical engineering.

In the catalog for 1946-47-48, curricula are listed for chemical, electrical, industrial, mechanical, and metallurgical engineering leading to the Bachelor of Engineering degree. The programs required a minimum of 150 semester-hours credit, including 10 semester-hours of freshman mathematics below the level of calculus. The foreign language requirement was eliminated. Only mechanical engineering required a three semester-hour thesis credit.

Of the five engineering curricula mentioned above, the one for chemical engineering was not included in the college catalog for 1947-48. The other four engineering curricula required four credits of thesis. Finally, in the catalog for 1948-49, there were established six curricula



Judge William Rayen Building



Laboratory in the William Rayen School of Engineering



leading to the Bachelor of Engineering degree, in chemical, civil, electrical, industrial, mechanical, and metallurgical engineering, with four credits of thesis required in all areas. Returning students who had earned significant credit toward the Bachelor of Science degree had the option of completing the curriculum that was in effect when they first enrolled in the College or switching to the curriculum for the Bachelor of Engineering degree.

It is interesting to note the listing of an elective course on the slide rule in the catalog for 1948-49: Engr. 125 - Theory and Use of the Slide Rule - One hour credit. The slide rules had become much more sophisticated than were those of the early 1940s. However, the course was only listed in the one catalog; faculty in the engineering school elected to include slide rule instruction in their coursework where appropriate. A few introductory lessons were also offered in the first engineering drawing course for several years. (A similar one credit-hour slide rule course was offered under Chemistry from 1949-50 until 1962-63.)

In the catalog for 1949-50, a total of 71 courses were listed under Chemistry, Mathematics, and Physics, and 82 under Engineering. Excluding courses on engineering drawing, 24 of the courses listed under Engineering included laboratory work. We recall that in 1942-43 there had been 90 courses listed under Chemistry, Mathematics, and Physics: 31 with engineering-type titles, including 18 with laboratory work. The only courses listed under Engineering at the time were five drawing courses. Thus, there had been considerable growth for engineering, both in the number of course offerings and in laboratory emphasis and usage.

A significant growth in faculty also occurred during the seven-year period from 1942-43 to 1949-50. The number of full-time faculty increased from six (all for chemistry, mathematics, and physics) to 20 (11 for chemistry, mathematics, and physics, and nine for engineering). Part-time faculty increased from 13 (seven for chemistry, mathematics, and physics, and six for engineering) to 26 (11 for chemistry, mathematics, and physics, and 15 for engineering).

Prior to World War II, when the full-time faculty numbered six or fewer, the instructors undoubtedly had to teach a wide range of course topics, some perhaps outside of their preferred specialty area, in order to make the curricula available to the students. By the late 1940s, the number of full-time faculty was approaching 20; yet again teachers had to be flexible for quite a different reason. In 1946-47, the veterans enrolled en masse, creating a large freshman class with much need for chemistry, engineering drawing, and freshman mathematics. The next year these students needed calculus, physics, and some sophomore engineering courses, but there was also another large freshman class to accommodate. During this period, the full-time engineering faculty taught mathematics and physics, as needed. As the initial influx of students became juniors and seniors, some of the full-time mathematics and physics faculty taught engineering courses. Dean Deesz had a difficult task: making the teaching assignments accommodate the needs of the students. It was not uncommon to add another class in a scheduled course or to respond to a petition from students to accommodate an unexpected need for an unscheduled course. As mentioned previously, the engineering enrollment increased from about 35 students before World War II to a reported 799 in the Fall of 1948, after which the flow of students became more uniform with an enrollment gradually dropping to 643 by the Fall of 1952. The faculty teaching loads were high, often exceeding 18 semester-hours, and the class enrollments very often reached the limit for the classrooms (35 to 40). Students expecting to complete their degree requirements in four years had to carry 18 or 19 semester-hours each semester if they did not intend to attend summer school. (Chemistry classes and many chemical engineering classes were taught at the main building.)

One question that is often asked is why the degree designation was changed from Bachelor of Science (BS) to Bachelor of Engineering (BE). The author does not know for certain, but believes that Dean Deesz wanted to tell Youngstown (and beyond) that the School of

Engineering was starting anew with the purpose of training engineers. Also, the Dean believed strongly that laboratory experience was vital to a good engineering education. He was proud of the existing laboratory equipment but realized that much work would be required to implement the equipment for class purposes. Also, many smaller items of equipment needed to be built, and funds were limited. Thus, he admittedly viewed the thesis as the means by which the faculty and students, working together, might accomplish the task. Again the author is not certain, but the Dean may have felt that requiring both a thesis and a foreign language might have discouraged students from attempting engineering. For whatever reason, dropping the foreign language requirement, emphasizing laboratory work, and adding thesis did give the engineering programs a new look. Moreover, the thesis proved to be very effective in the development of the laboratory courses over the next 10 to 15 years. Hundreds of theses (bound in black covers) are located within the department offices, with copies in Maag Library. Traces of equipment made by students as part of the undergraduate thesis can still be found in the engineering laboratories. The course description in the catalog for 1949-50 reads:

Engr. 401-402. THESIS – Before graduation the student must prepare a written report containing a minimum of 2,000 words. This report is to be an investigation on some subject either selected by the student or designated by the dean of engineering. Three bound copies will be required. Specifications will be presented to the student upon request. No credit will be given until the thesis is accepted by the dean and the department head. Prerequisite, senior standing.

Two hours credit each semester.

Dean Deesz did not, however, leave laboratory development solely to theses. He constantly sought serviceable machinery from his many friends in industry, and on several occasions made arrangements to visit a government surplus depot in Columbus, Ohio. The Dean, Mr. P. Calvin Pickard (the College Business Manager), two or three faculty, and a small maintenance crew would meet at the school on a Saturday morning at about 4:30 a.m., and then drive to Columbus, arriving about the time the surplus depot opened. It was quite a challenge to hunt through many storage areas for items that could be adapted to the engineering school laboratories, or perhaps be useful for parts. The maintenance crew would load the truck for the trip back to Youngstown, arriving sometime after supper.

The first scholarships that specifically benefited engineering students were those established by Sharon Steel Corporation in 1945. Every year, four full-tuition four-year scholarships were awarded to sons and daughters of employees who were interested in the fields of engineering, metallurgy, or business administration.

The first award to recognize student achievement was established in 1947 by the Mahoning Valley Chapter of the Ohio Society of Professional and Registered Engineers, Tri-County Section (Mahoning, Trumbull, and Columbiana Counties). Given annually, the award is based on personality and outstanding achievement over a four-year period. The award was initially called the “Engineers Award,” but later renamed the “Louis A. Deesz Memorial Award.”

In 1948, Dean Deesz sought to establish a chapter of an honorary engineering society open to all branches of engineering. He contacted both Sigma Tau and Tau Beta Pi. Tau Beta Pi did not indicate an interest. Sigma Tau did, but explained that it was its policy not to initiate a new chapter until an institution could show successful operation of a local honorary society for a period of at least two years. After further discussion with the faculty it was decided that because the School of Engineering included also the mathematics and physics departments, then so should the local honorary society. The name Mu Pi Epsilon (Mu for Mathematics, Pi for Physics, and Epsilon for Engineering) was coined and the first student organization at the William Rayen School of Engineering was established during academic year 1948-49. The local society became

the Alpha Theta Chapter of Sigma Tau in 1955. However, Tau Beta Pi absorbed Sigma Tau in 1974, and the local group became the Ohio Lambda Chapter of Tau Beta Pi.

In 1949, the American Society of Mechanical Engineers, Youngstown Section, established an award in Mechanical Engineering, granted annually to the outstanding graduate. In 1951, the annual Henrik Ovesen Awards to mechanical engineering graduates with second and third ranking were added.

Two student organizations of interest to engineering students were started in 1949. The Youngstown College Chapter of the American Chemical Society, Student Affiliates, was established for students interested in any phase of chemistry. The Youngstown College Chapter of the American Society for Metals, Student Affiliates, became available to students interested in the manufacture and treatment of metals. As with all organizations on campus, the university name in titles has been updated to Youngstown State University.

Early in the Summer of 1949, Dean Deesz announced to his faculty that it was time to show the engineering school to the public and that he had targeted November 16 and 17 as the dates for an open house. The faculty and students were very supportive. Every effort was made to highlight each laboratory. Motors, engines, duct work, etc., received a fresh coat of light grey paint. Pipes and conduits were painted various colors for identification: red for steam, green for water, yellow for electricity, etc. Many placards were printed (freehand) to identify laboratories, equipment, demonstrations, etc. Handouts were prepared and a routing plan through the building was established. The Youngstown Vindicator provided excellent publicity prior to the event and devoted the front page of their Rotogravure (sepia color) Section on Sunday, November 20, to pictures of the Dean, faculty, and students in the laboratories. (5) Finally, the time for the open house arrived, and the turnout on both days was very gratifying. Represented were the trustees and administration, local industries, city officials, parents and students, faculty, other areas of the College, the general public, local high schools, and various other groups. The first open house of the William Rayen School of Engineering was declared a huge success.

With the engineering school facilities progressing well and a healthy student enrollment, Dean Deesz conferred with the Dean of Engineering at Ohio State University regarding the future of the school. Soon after their meeting, the Dean urged his faculty to increase their effort to document course syllabi in order to ensure uniformity of instruction among full-time and part-time faculty. No other call for faculty action resulted from the meeting, but perhaps he was giving serious thought to accreditation.

On April 19, 1950, Youngstown was shocked to learn of the sudden death of Dean Louis A. Deesz. At the time of his death, he was preparing to testify on the proposed Mahoning-Grand floodway before the Army Engineers board at Gravelly Point, Virginia, near Washington, D.C. Locally Dean Deesz had been chairman of the engineering committee of the Mahoning Valley Industrial Council. The Dean would be missed by everyone, but his school would go on.

#### ECPD Accreditation

By the end of April, 1950, President Howard W. Jones appointed Frank M. Ellis, BS, M.Ed., leader of the physics faculty, to serve as Acting Dean of Engineering. A native of Youngstown, Mr. Ellis had acquired experience at Butler High School in Butler, Pennsylvania, Grove City College in Grove City, Pennsylvania, and Bethany College in Bethany, West Virginia, before joining the Youngstown College faculty in the Fall of 1946. Mr. Ellis would earn an MS degree in physics from the University of Pittsburgh in 1955.

Mr. Ellis continued the policies and practices of his predecessor and received strong support from the faculty and students. It became evident to President Howard W. Jones, however, that the leadership of the school should include an engineer.

Effective in Fall 1951, Michael Jean Charignon, BSE.E. and BSM.E., was appointed to serve as Assistant Dean of Engineering. A native of Stanley, North Dakota, Dean Charignon had carried the rank of Lieutenant Colonel in the United States Army during World War II and had served a tour of duty in Kungming, China. He had been superintendent of power generation at Republic Steel from 1946 until joining the faculty in 1950. Dean Charignon would earn an MS degree in 1952 and the Ph.D. degree in 1960, both from the University of Pittsburgh.

During academic year 1951-52, Youngstown College Student Chapter of the Ohio Society of Professional Engineers was established, open to all engineering students in good standing. The society has its aim in the preservation of ethics and professional standards within its field.

More scholarships that benefited engineering students became available: the Youngstown Sheet and Tube Scholarships in 1951, the Westinghouse Achievement Scholarships for Electrical Engineering and Mechanical Engineering in 1952, and a scholarship award by the Women's Auxiliary of the Mahoning Valley Chapter of the Ohio Society of Professional Engineers, also in 1952.

The school of engineering was in need of more classroom and laboratory space very soon after occupying the William Rayen Building. During the summer of 1948, the metallurgical engineering laboratory was moved from the William Rayen Building to the basement of the YMCA Youth Center on East Rayen Avenue, where four metallurgical engineering laboratories were established. By the academic year 1952-53, the engineering school was using most of the building, then known as South Hall, with classrooms on the first and second floors and a drawing room on the second floor. In 1953, the building was purchased from the YMCA through the generosity of Mrs. Jacob D. Waddell and Mr. John R. T. Clingan and became known as Clingan-Waddell Hall. The office and classes of the mathematics department were relocated from the William Rayen Building to this building in time for the Fall 1953 semester. The move left more classroom space for engineering classes at the William Rayen Building and at the same time consolidated the mathematics activities, which were enjoying greater demand. Engineering continued to have limited use of the second floor of Clingan-Waddell Hall until about 1955-56 when the home economics department was moved to the building. Today, the former Clingan-Waddell Building is known as Penguin Place, a privately owned building.

It soon became clearly evident that the School of Engineering would have to acquire national accreditation by the Engineering Council for Professional Development (ECPD), which was just as important as accreditation by the North Central Association for the entire college. ECPD had only been accrediting engineering curricula since 1936, but such accreditation had rapidly become critical to academic recognition, particularly for graduates seeking admission to graduate study.

The faculty had gained very valuable experience during the previous four or five years and there were reports of excellent performance in the work place by engineering graduates. The engineering laboratories were impressive and a new college library was under construction. The entire community was very supportive of Youngstown College, and the School of Engineering was recognized as a very important asset, particularly by local industry. ECPD would have to look favorably on these assets.

However, the College administration had to have been apprehensive about a criticism that North Central Association had expressed prior to granting its accreditation in 1945. In effect, the visiting examiners felt that the faculty as a whole made a poor showing on advanced training,

and rated relatively low on scholarly activity. Quite apart from the North Central report, there had been concern expressed locally because the administration had to resort to hiring more part-time than full-time faculty due to a lack of financial resources. President Jones seized every opportunity to praise the dedication and quality of teaching of the faculty.

Whether or not any of the young faculty members in the William Rayen School of Engineering were impressed by the North Central criticism, or were even conscious of it, is not known. Yet, for several explainable reasons, many of the full-time faculty did become motivated to seek advanced academic degrees, and at a most opportune time in the history of the school. Some faculty had decided to pursue a career in higher education. Some had educational benefits available under the GI Bill. Some may have become inspired by their peers, or perhaps by some former students who were attending graduate school. The situation was not unique to Youngstown College. Following World War II, many engineering schools had of necessity hired some faculty who were in need of additional graduate study. For whatever personal reason(s) each faculty member may have had, attending graduate school became contagious and would continue (even with some yet-to-be-hired faculty) well into the 1960s. The University of Akron and the University of Pittsburgh offered graduate work on a full-time or a part-time basis. Many of the faculty commuted for several years, in car pools, to take advantage of the part-time option. Case Institute of Technology and Carnegie Institute of Technology required full-time attendance, which resulted in periods of leave from Youngstown University.

During the four-year period from academic year 1949-50 to 1953-54, the faculty not only continued to gain teaching experience, but there also occurred a remarkable improvement in their collective credentials as measured by academic degrees and additional graduate study. During 1949-50 there were 20 full-time faculty (11 for chemistry, mathematics, and physics, and nine for engineering). Two held the Ph.D., five the master's, and 13 the bachelor's degree. Seven of these faculty (four in engineering) claimed additional graduate study. During 1953-54 the total number of full-time faculty was still 20 (with eight for engineering), but four held the Ph.D., 11 the master's, and five the bachelor's degree. Now, 11 of these faculty (including seven in engineering) claimed additional graduate study, with several approaching the Ph.D. degree. The gain of two faculty with the Ph.D and one with a master's degree, as related above, occurred through changes of personnel during the four years. Also, the number of part-time faculty was reduced from 26 to 21.

Aware of the progress being made by the School of Engineering and encouraged by Acting Dean Ellis and Assistant Dean Charignon, President Jones requested consideration for accreditation by ECPD in the Fall of 1953. This initial attempt to gain accreditation would be limited to the day and evening programs in electrical and mechanical engineering; the largest demand for day and evening classes was in these two areas. Nonetheless, the entire engineering school as well as the chemistry, mathematics, and physics departments would be involved in the preparation process. Three months before the accreditation visit was to occur, President Jones made an unexpected decision, at least as far as the faculty was concerned. As if to bolster the engineering leadership sector, he brought in a new dean of engineering.

Beginning with the Spring semester of 1954, Edward C. Franklin, BEC.E., MSMil.E., was appointed Dean of Engineering. Dean Franklin brought to the college experience gained in a varied military and civilian career. Commissioned a second lieutenant in 1925, Dean Franklin served in the United States Army as a specialist in armament research, development, and production. Following active duty in the Pacific theaters during World War II, he retired in 1946. From 1948 to 1952, he was an executive with Sterling Windows Inc. in New Castle, Indiana, and in 1952, he undertook a six-month assignment with the North Atlantic Treaty Association (NATO) as a consultant on ordnance problems. (Mr. Ellis and Mr. Charignon would both continue as Assistant Deans.)

Preparations continued to a fever pitch, and finally on May 19 and 20, 1954, the eagerly awaited event took place. The inspection team consisted of Dr. John F. Calvert, chairman of the department of electrical engineering of Northwestern University and vice chairman of Region 3 of ECPD, and Dr. Dennistroun VerPlanck, head of the department of mechanical engineering of Carnegie Institute of Technology. The examiners worked under Dr. C. S. Crouse, head of the department of mining and metallurgical engineering of the University of Kentucky and chairman of Region 3 of ECPD. Dr. Calvert was soon to become head of the department of electrical engineering at the University of Pittsburgh.

What had been promised as an event racked with anxiety turned out to be a very pleasant learning experience. The examiners showed great interest in the future of the engineering school, praised some areas of the programs and criticized others, but were very generous with suggestions for improvement. Fortunately, both the Carnegie Institute of Technology and the University of Pittsburgh had had good experience with our faculty and engineering graduates in their graduate programs.

On December 4, 1954, President Howard W. Jones was notified by letter that the day programs in electrical and mechanical engineering were accredited by ECPD for a period of three years. The examiners had forewarned that the evening programs would not be accredited until there could be assurance that at least 80 percent of the evening instruction was being provided by full-time faculty. ECPD further recommended to President Jones that he proceed to establish a departmental structure, and thus appoint department heads within the engineering school. The Youngstown Vindicator quoted President Jones: (6)

“Every engineering college hopes and strives for recognition by the Engineers Council for Professional Development. We are indeed pleased with the approval of our William Rayen School of Engineering and we look forward to further development of our program with the assistance of the Council.”

The newspaper also noted that the engineering school had an enrollment of 875 students and that 375 graduates had received the Bachelor of Engineering degree to date. (As mentioned in Chapter I, the Engineers Council for Professional Development - ECPD - would be renamed Accreditation Board for Engineering and Technology - ABET - in 1980.)

Thus, the engineering program, which had faded badly in the late 1920s, emerged again in the early 1930s with assistance from the College of Arts and Sciences and became a full-fledged school of engineering by 1946, gaining national accreditation for two of its curricula in 1954. Spurred by large enrollments of veterans of two wars and much community support, the school would have the largest enrollment of all the academic units when the name of the institution was changed to Youngstown University in 1955. Certainly, “engineering” enjoyed remarkable progress during the Youngstown College era.

CHAPTER IV  
YOUNGSTOWN UNIVERSITY

Coping With the Mounting Enrollment

The post-World War II enrollment at Youngstown College peaked at 4,359 in 1948 and then declined to a low of 3,142 in 1952 before rising again. (7) In the Fall of 1955, the enrollment at Youngstown University was 4,597 of whom 1,325 were reported to be veterans of the Korean War; very few World War II veterans remained. By the Fall of 1956, provisions of the GI Bill had ended, but the enrollment of Korean War veterans peaked, accounting for 1,590 (30 percent) of a total enrollment of 5,269. While the government Readjustment Acts had inspired enrollments in the late 1940s and early to middle 1950s, it would be the nationwide demand of industry for qualified persons in engineering and the sciences that would be a major cause of increased enrollments in the latter 1950s. Thus, even as the number of Korean War veterans declined in the latter 1950s, the total enrollment of the university continued to increase to a reported 6,687 by the Fall of 1960. Then, beginning in the early 1960s, the children of the World War II veterans, the so-called "war babies," began to enroll. Their example encouraged other classmates as well as a variety of non-traditional-type students to attend. Some international students from India and other Far East countries also sought an education in this country. A general thirst for higher education developed, resulting in large enrollments. The university enrollment reached a reported 12,033 by the Fall of academic year 1966-67, the last year before the university would join the state system of higher education.

The annual college/university catalogs carried a statement of objectives. Typical in principle is the statement that appears in the 1961-62 catalog, which reads:

Objectives

"The Youngstown University offers opportunity for higher education to the residents of the Mahoning and Shenango valleys, a highly industrialized region of nearly a million people in Eastern Ohio and Western Pennsylvania.

It attempts to meet the educational needs of this heterogeneous community without regard to race or creed and to offer its students an opportunity for personal development, for the fulfillment of their obligations of citizenship, and for their practical work in life.

To achieve these ends, the University seeks to provide a broad liberal education characterized by habits of free inquiry, exact observation, and critical reading; a familiarity with the general content of the various fields of knowledge; rigorous discipline in some chosen field; and the ability to express thought clearly and forcefully.

This program helps the student to develop a sound philosophy of life, standards of rational conduct and discipline derived from an intelligent understanding of himself and his society, integrity of character arising from sound ethical principles, and a sustained religious faith irrespective of his church affiliation."

Beginning in 1985-86, such an entry in the catalog has been called a mission statement. Now the statement is considerably more elaborate.

The university catalogs relate a dramatic increase in the numbers of faculty. In 1935-36, the first year Dr. Howard W. Jones had the title of President, there were 20 full-time faculty and 24 part-time faculty. The catalog for 1944-45-46, when Youngstown College was first accredited

by North Central Association, included a listing of 37 full-time and 40 part-time faculty. In 1955-56, the total faculty at Youngstown University numbered 137 full-time and 210 part-time, and by 1966-67, the numbers were 291 and 404, respectively. However, at all times the number of part-time faculty who taught were fewer than the number listed in the catalogs because some did not teach every term.

Steadily increasing enrollments also demanded attention for more and more space for classrooms, laboratories, and faculty offices. In 1958, the School of Engineering was provided space for classrooms, drawing rooms, and faculty offices on the third floor of the Youngstown Board of Education building, which adjoins the William Rayen Building.

In the Fall of 1959, the first section of Ward Beecher Hall (just south of Tod Hall) was completed. By the Fall of 1960, this four-story pink brick building, then known as the Science Building, housed the chemistry, physics, biology, and geology departments and their laboratories, and the laboratories for chemical engineering. Of much interest at the time was the subcritical nuclear reactor provided by the Atomic Energy Commission. (The last two of the four army barracks once known as the Annex were dismantled at this time. One barrack - the one furthest north - had been removed when the library, Tod Hall, was built; another - the next in line to the south - was removed in 1955.) Ward Beecher Hall would be extended south to Lincoln Avenue in 1967, providing for the planetarium and vastly expanding the other facilities of the Hall.

In 1962, the Central Hall Annex was built adjacent and to the north of Central Hall, providing a dining room and a bookstore. In 1973 Central Hall would be torn down and the brick Annex building would be physically moved to its present location north of Tod Hall, to house Central Services and the Post Office.

In 1960, the Department of Education became the School of Education. The Elm Street School building (now known as Fedor Hall) at the northwest corner of Elm and Spring Streets was purchased and remodeled in 1965 to house the School of Education, the women's health and physical education department, and the geology department.

In 1962 the first phase of Kilcawley Center was completed, which included the seven-story housing facility (now known as Kilcawley House) and the adjacent building with dining areas and meeting rooms. Expansion and remodeling would be completed in 1974, 1976, and 1981, thus providing the current bookstore, student organization offices, and a host of other services.

Youngstown University continued to maintain a tuition rate that ranked among the lowest for colleges and universities in the region. In 1955-56 the yearly tuition (excluding summer school) for a 16 semester-hour class load was \$397 plus nominal \$2.50, \$5.00, and \$10 laboratory fees, where applicable. In 1966-67 the yearly tuition for the same service was \$576 plus laboratory fees of \$25.

There was much growth in all of the academic divisions of the university, except for law. The Law School was phased out beginning in the Fall of 1957. The school had provided the educational opportunity for many successful practicing attorneys in the Valley, but the enrollment had never been very large, reaching a high of 130 students in 1952-53. The North Central Association became uncomfortable because the faculty were all hired on a part-time basis. In 1949 the American Bar Association inspected the School and found the program to be of high quality, but refused accreditation for lack of at least three full-time law professors. The university made a concerted effort to make the Law School more attractive and hired the first full-time law professor in 1955, but the enrollment continued to decline. The Board of Trustees concluded that the school had become a financial liability. Serious hope for the Law School



ended in September 1956 with the untimely death of Raymond L. Falls, AB, LL.B., the Dean. It was indeed unfortunate that the academic division which had attained greatest prestige in the early years would be the first to be discontinued.

The year 1958 marked the 50th anniversary of the founding of the university (stemming from the founding of the Law School in 1908). The main function celebrating the occasion was a three-day campus-wide open house (November 17, 18, and 19, 1958), culminating in a convocation at Stambaugh Auditorium the final evening. The open house featured exhibits and/or demonstrations by most academic departments, and exhibits obtained from Westinghouse Electric Corporation, Cook Electric Company, General Dynamics Corporation, U.S. Steel Corporation, the U.S. Army, and the U.S. Air Force. The Youngstown Vindicator provided excellent publicity for the open house. (8) Earlier in the year the Jambar published a special semi-centennial issue citing important events in the history of the university. (9)

### The Growing Engineering School

At this point it seems appropriate to review the stated objectives of the School of Engineering. To be consistent with the statement on university objectives given on page 30, the 1961-1962 catalog is again used as the reference.

#### Objectives

“The aim of the William Rayen School of Engineering is to complete the general objectives of the University by providing a rigorous discipline in engineering based on a sound understanding of the fundamental sciences and arts upon which all engineering rests.

Each curriculum therefore combines three interrelated programs; a basic science one, a technical one, and a liberal arts one. The basic science program, consisting of mathematics and the physical sciences, provides the basis for the technical program and increases the student’s knowledge of the world around him. The technical program teaches the application of science to the problems of engineering. The liberal arts program is designed to teach the student to express himself clearly and to understand better both himself and other people, and thus deal more intelligently with the problems he will face both as an engineer and as a citizen and an individual.

In addition, certain courses in business administration are included, to improve the student’s understanding of the broader area in which his engineering training will be applied.”

In order to better appreciate the growth experience of the School of Engineering, it is necessary to relate national and regional events and trends that affected the effort. Curricula were influenced by advancements in science and technology and by trends in engineering education. Enrollments varied with the demand for engineers and the local industrial climate.

We recall from Chapters II and III that the campus enrollment increased after World War II up until 1966, except for a single dip from 1948 to 1952. The engineering school enrollment oscillated (frequency wise), however, in accord with national statistics on the enrollment of first-year engineering students. In 1948, the U.S. Bureau of Labor Statistics warned of a surplus of engineers because of large graduation classes of World War II veterans. This warning and the draft for the Korean War resulted in a national decline of 56 percent in the annual freshman engineering enrollment, from 80,000 to 35,000, by 1950. (10) The engineering school enrollment locally dropped 19 percent, from 799 to 648. Then, in the early 1950s, a national shortage of

engineers was declared because of the Korean War and developing competition with the Soviet Union; from 1952 to 1955 annual freshman enrollments increased 78 percent nationally, from 45,000 back up to 80,000. By the Fall of 1955 the engineering school enrollment locally increased 88 percent, from 643 to 1,209, making it the largest of the academic divisions with 26 percent of the total enrollment of 4,597. The engineering school would enjoy this status for two more years, accounting for 1,545 (27 percent) of the total of 5,638 in the Fall of 1957. During the latter 1950s, all engineering graduates received employment offers (many received multiple offers) and there was much employment opportunity in the local region. However, in 1957, there occurred some defense industry cutbacks which resulted in press announcements that the shortage of engineers had passed. By the Fall of 1962, annual freshman engineering enrollments again dropped nationally by 20 percent to 64,000, and the engineering school enrollment here declined 23 percent to 1,191. But, in 1963, the Bureau of Labor Statistics warned that serious shortages would occur if engineering enrollments did not increase; by 1966, first-year enrollments once again reached 80,000 nationally, an increase of 25 percent. Aerospace industries were particularly active and attractive. The engineering school enrollment climbed 28 percent to 1,521 in the Fall of 1966, but by then the school ranked fourth in size behind Arts and Sciences, Business Administration, and Education, accounting for about 13 percent of the total university enrollment.

At this point the reader is probably questioning how a change in freshman engineering enrollment nationwide might have affected a change in total engineering enrollment at Youngstown University, or anywhere else. If the nationwide enrollment trend was the only variable, we might consider a hypothetical case of an engineering school consisting solely of full-time students operating under steady state conditions of enrollment. Suppose that the past freshman class size has been constant at 1,000 students and that, due to attrition, sophomore, junior and senior class sizes have also remained constant at 800, 650, and 550, respectively. The total enrollment would have been 3,000 in the Fall of each academic year. Now suppose that the next Fall the freshman enrollment reflects a nationwide increase of 30 percent, thus becoming 1,300. The total Fall enrollment for engineering would increase 10 percent to 3,300. By this model, which employs an attrition rate of about 50 percent, the percentage change in total enrollment is one-third the percentage change in the freshman class size.

The engineering enrollment at Youngstown University included students who attended full time and earned their degree in four to five years, students who attended part time for as long as 12 to 15 years, sometimes dropping out for a period of time to accommodate job demands, and students whose scenario of attendance was anywhere in between. Some students transferred into the program, others transferred out, and the attrition rate was in the neighborhood of 45 percent. The enrollment picture, which was comprised of about two-thirds full-time and one-third part-time students, was far more complex than the hypothetical model described above. Still, for simplicity's sake, the author believes that the hypothetical model provides reasonable approximations for use in rationalizing the changes that occurred in the total engineering enrollment.

From 1950 to 1952, the engineering school enrollment dropped 19 percent, which is consistent with one-third of the 56 percent decline in nationwide freshman enrollments. However, the actual decline in local freshman enrollment was probably less than 56 percent because the graduation classes were relatively large. From 1952 to 1955, the local engineering enrollment increased 88 percent, which was much greater than one-third of the national freshman enrollment increase of 78 percent. Relatively fewer students graduated during the period, but it is clear that the engineering school thrived. Recent graduates had good jobs and were performing well, the news was out that the school was accredited by ECPD (ABET), the tuition was relatively low, and local interest in higher education was on the rise, all of which benefited the enrollment. The engineering school enrollment declined 23 percent from 1957 to 1962, and then increased 28 percent by 1966; both events exceeded one-third of the corresponding national

trends, which were a drop of 20 percent followed by an increase of 28 percent. Much of the excessive dip in the engineering school enrollment between 1957 and 1966 is attributable to a depression resulting when the demand for steel declined locally to 25 percent of capacity in 1958. The demand for steel returned to 68 percent of capacity in 1961, and became nearly normal again by 1963. Certainly, the engineering school enrollment was affected both by national enrollment trends and by the local industrial climate. Sometimes the enrollment of employed part-time students was out of phase with economics; when business was booming they would be too busy to go to school, but they would perhaps carry a heavier class load during slack periods.

In compliance with the recommendation by ECPD (ABET) in 1954 to designate department heads, President Howard W. Jones appointed faculty to head chemical, electrical, and metallurgical engineering beginning in the Fall of 1955. A department head for mechanical engineering was named beginning Fall 1956, for civil engineering beginning Fall 1958, but for industrial engineering not until Fall 1967. Until these appointments became effective, an engineering dean acted as department head.

At the completion of the spring semester of 1956, Dean Edward C. Franklin resigned and subsequently took a faculty position at Georgia Institute of Technology in Atlanta, Georgia. Michael J. Charignon became Dean of Engineering and Frank M. Ellis continued as Assistant Dean until 1960.

In Chapter III (see page 27) the growth of the faculty as measured by academic degrees and additional graduate study during the four year period from 1949-50 to 1953-54 was enumerated. Included were data for the full-time faculty for chemistry, mathematics, physics, and engineering. The objective was to give appropriate credit to the group of faculty who were most instrumental in the success of the first ECPD (ABET) accreditation. The intention here is to extend the discussion on faculty growth to cover the 13-year period from 1953-54 to 1966-67, the last year the university would be a private institution. However, because the department of mathematics was relocated to Clingan-Waddell Hall in 1953, and the department of physics to the new science building in 1960, it seems more appropriate at this point in our history of “engineering” to include only engineering faculty in the discussion. Numbers in the table below designate the number of engineering faculty holding the particular degree as their highest degree; numbers in the far right column designate the number of faculty claiming additional graduate study.

Year	Bachelor's	Full-Time Faculty			Total	Graduate Study
		Master's	Doctorate			
1953-54	4	4		8	7	
1960-61	8	9	4	21	6	
1966-67	2	16	7	25	7	
		Part-Time Faculty				
1953-54	13	3		16	4	
1960-61	9		2	11	3	
1966-67	8	4	3	15	3	

The number of full-time engineering faculty was increased from 8 to 25 during the 13-year period, while the engineering enrollment increased from 723 in the Fall of 1953 to 1,521 in the Fall of 1966. By the Fall of 1966, the profile of academic degrees was much improved, with 23 of the 25 faculty holding advanced degrees and 7 claiming additional graduate study. A point of contention by some outsiders, however, was that almost 50 percent of the full-time faculty, 12 of the 25, had received their first academic degree from Youngstown University (or Youngstown College). Such hiring practice was criticized by accreditation visitors as “inbreeding” (tending to

perpetuate old ideas and discourage new) and was curtailed by future administrations. Dean Charignon believed, however, that any objection should become less important once a faculty member earned an advanced degree elsewhere. The issue was not open to debate, but the facts remain that 12 of 14 (Youngstown) engineering graduates hired as full-time faculty during this period did earn an advanced degree(s) elsewhere and that all 14 proved to be a great asset to the school, some for many years.

The numbers of part-time engineering faculty given in the table were typical for the 13-year period, but the number fluctuated considerably from year to year (sometimes even from semester to semester). For the data given, both for 1960-61 and 1966-67, about 60 percent of the part-time faculty had received the first degree here. (In 1953-54, only three engineering faculty - one full time and two part time - had earned their first degree from Youngstown College.) Historically, most of the part-time faculty held full-time positions in local industry.

The ratio of the numbers of part-time to full-time faculty decreased from two in 1953-54 to well under one by 1960-61 and thereafter. On the average, the teaching load for a part-time faculty member was about a third of the load carried by a full-time member. Thus, during the 1960s, an estimated 85 percent of the total teaching load was carried by the full-time faculty.

The increase in the number of full-time faculty allowed the engineering school to cope with the large increase in enrollment and to provide relief in teaching loads and class sizes. By the time the university became state affiliated, the teaching loads for the full-time faculty had decreased from the 18 semester-hour level of the late 1940s and early 1950s to a range of 12 to 14 semester hours per semester. Perhaps the most welcome relief was a reduction in the number of evening classes that each faculty had to teach so as to accommodate the large part-time student population that worked during the day. Another welcome relief was a reduction in the number of theses to be advised per faculty member.

The second ECPD (ABET) accreditation visit occurred in 1957, resulting in accreditation for both the day and evening programs in electrical and mechanical engineering; in 1959, accreditation of the day and evening programs in civil engineering was added. The accreditation team was somewhat lenient when accrediting the evening program in mechanical engineering by excluding engineering drawing classes when determining if 80 percent of the evening classes were being taught by full-time faculty. Mechanical engineering provided drawing instruction as a service to all engineering programs, thus, drawing constituted about one-fourth of the department teaching load.

Once university curricula are accredited, the accrediting agency maintains a vigilance over degree requirements in accordance with established standards. Such standards are modified from time to time. The university also tries to maintain a philosophy on education, and where differences occur, compromise is required. An important case in point is the so-called "general graduation" requirements, a topic which spans this history from the mid-1940s onward.

Although President Jones always believed that every student should have a liberal arts background as part of his or her Youngstown College education, serious study of the subject started in 1945 when the North Central Association report stated that "the program of general education in the curriculum of the College remains relatively undeveloped."

Under the leadership of Professor Karl W. Dykema, M.A., Director of the Division of Language and Literature, and Chairman of the Department of English (and later Dean of the College of Arts and Sciences), a summary of courses required for graduation was developed for the next accreditation visit by North Central and was first published (in table form) in the 1955-56 University catalog. Common basic requirements for all degrees granted by the University were nine semester hours of Communication, four semester hours of Health and Physical

Education, 12 semester hours of Social Studies (consisting of six semester hours of Social Science and six semester hours of United States History), three semester hours of Religion, a minimum of three semester hours of Science or Mathematics, and Orientation (attendance credit initially, later one sem. hr. credit). However, because the school of engineering had traditionally considered knowledge of economics and business organization to be essential in the background of an engineer, compromise allowed three semester hours of Economics and six sem. hrs of Business Organization (neither of which were acknowledged in the table) to be substituted for the six semester hours of United States History. Also listed in the table were degree requirements for laboratory science, foreign language, English, and psychology; all without commonality among degrees. With minor exceptions, the table of graduation requirements remained essentially unchanged by 1966-67, but the engineering school had dropped the Business Administration requirement (except as required for industrial engineering) in favor of three semester hours of United States History.

The matter of graduation requirements continued to receive attention (in consultation with the various accrediting agencies) after the University became state affiliated (on the quarter system of terms where one and a half quarter-hours is the equivalent of one semester hour). In 1995-96 the published requirements for four-year degrees granted by the university include eight quarter hours of English Composition, six quarter hours of Health and Physical Education, a minimum of 16 qtr. hrs of Social Studies, a minimum of eight quarter hours of Humanities, and a minimum of 12 qtr. hrs of Science and Mathematics. Social Studies now include courses in economics, geography, history, political science, psychology, social science, sociology, and Black Studies I. Humanities include literature courses in the English or Foreign Language Departments, courses in philosophy and/or religious studies, history and/or appreciation courses in the Department of Art, the Department of Communication and Theater or the Dana School of Music, and Black Studies II. The combined credit of 24 quarter hours in Social Studies and Humanities meets the ABET (ECPD) requirement of one-half year devoted to these areas, although ABET prefers a division of 12 quarter hours in each area (another compromise) and that course selections provide for breadth and depth of subject matter. (The traditional economics requirement is now satisfied by a course on engineering economics which is offered by the Department of Industrial and Systems Engineering.)

A combination of factors brought about many changes in the engineering course content of the curricula during the Youngstown University era. A major influence beginning in 1955 was the Report on Evaluation of Engineering Education (Washington, D.C.: American Society for Engineering Education, 1955), which became known as the Grinter Report (after L. E. Grinter, chairman of the committee that prepared the report). The report called for changes that would make engineering education more scientific. Critics of the report cautioned that too much attention to science would result in a de-emphasis of creative design that distinguished engineering, and that engineering schools might thus become second-class science departments.

Nevertheless, a trend toward science was set in motion. Each visit by an ECPD (ABET) accreditation team brought suggestions for extending the curricula: a new course to cover an emerging subject area, a greater breadth or depth (or both) of coverage in an existing course (sometimes requiring the addition of a second-level course), a new emphasis in some laboratory that would require additional laboratory equipment, etc., any of which would inevitably make the program more scientific. New undergraduate engineering textbooks on the market also supported the trend. Added articles and chapters gradually introduced topic extensions that were previously found in graduate textbooks. Eventually, the preface of some textbooks would state that the textbook was intended for advanced undergraduate and first-year graduate study.

The move to include more science in engineering was fueled in part by the advancements in technology resulting from the race beginning in 1959 between the United State and Russia to

land on the moon; Neil Armstrong was the first astronaut to set foot on the surface on July 20, 1969.

The engineering faculty made numerous changes in the curricula from 1955-56 to 1966-67: revising and upgrading existing courses, introducing several new courses of note, and dropping others. The total number of engineering courses (excluding theses) listed in the catalog was increased from 94 to 112; the number that included laboratory work (excluding drawing) increased from 27 to 33.

The chemical engineering department introduced courses on chemical kinetics and on process dynamics, and would soon offer a course on the principles of nuclear reactors (with an associated laboratory course). Civil engineering added a third-level course on surveying, a course on advanced concrete design, a course on soil mechanics (with a laboratory course), and was planning several advanced courses on structures. The electrical engineering advancements included a course on electromagnetic field theory; a two-level course sequence on control systems analysis (with laboratory courses); a course on electronic circuits, signals, and systems; a course on molecular engineering; and would soon include courses on quantum electronics and plasma dynamics. Major advancements for industrial engineering included courses on production planning and control and on operations research, and plans were under way for a sequence of three sophomore-level courses on computer fundamentals and techniques. Mechanical engineering introduced courses on heat transfer (with a laboratory course), advanced strength of materials (with a laboratory course), dynamics of machinery, and compressible fluid flow, and would soon add a two-course sequence on engineering analysis. The advancements for metallurgical engineering included courses on advanced metallography, X-ray metallography (including laboratory work), and advanced materials science, and a course was being developed on mechanical metallurgy.

Increased use was being made of vector mathematics, partial differential equations, Fourier analysis, Laplace transform methods, and statistics. In the catalog for 1959-60, there appeared the first computer course on campus, an elective course introduced by the civil engineering department. The course description read:

441. Computer Techniques. Principles and uses of computing machines to solve engineering problems. Analysis, development, and programming of data and interpretation of solutions. Prerequisite or concurrent: Engineering 326 (Elementary Strength of Materials) and Mathematics 309 (Differential Equations). 3 hours credit

Among other topics this course covered machine language, flow diagramming, and the preparation of data and instruction cards to be used with a digital computer. The industrial engineering course on operations research (introduced in 1964-65) also included linear computer programming. Analog computers were used in the electrical engineering courses on control systems analysis and in the laboratory course on mechanical vibrations.

The topics of many of the engineering theses also reflected the move toward science. In 1953-54, there was much evidence of design by students involved in developing equipment for classroom demonstration and/or laboratory use. The ECPD (ABET) accreditation team cited the thesis as being a great asset to the programs. As more science crept into the theses, subsequent accreditation visitors continued to praise the thesis concept, but there were mixed reviews about design vs. science. As time passed, some of the thesis topics became undeniably science-oriented and some involved investigations into graduate coursework. With a little more effort, a few of the undergraduate theses might have qualified as master's degree theses 10 years later.

In 1965, the Goals of Engineering Education - The Preliminary Report (Washington, D.C.: American Society for Engineering Education, 1956) appeared. The report reaffirmed the findings of the Grinter Report and called for the next move – to encourage graduate study, especially a master’s degree, in preparing people for entry into the engineering profession. Although about one-third of all American graduates were going on to a master’s degree, critics of the Preliminary Goals Report feared a loss of professional recognition for those who could not qualify for graduate school and a potential downgrading of the master’s degree if undesirable conformity were imposed. Several faculty of the William Rayen School of Engineering were elated by the report, with the hope that it might serve as a force to start a graduate program.

Several student engineering organizations were established during the Youngstown University era. In 1956, the American Society of Mechanical Engineers (ASME), Student Chapter, became available to students interested in mechanical engineering. The Youngstown University Society of Student Civil Engineers was organized by ASCE in 1957 to encourage the development of a professional consciousness and to promote friendly contacts with professional engineers. Also in 1957, the Student Chapter of the American Institute of Electrical Engineers (AIEE) was established as a technical society affiliated with the national AIEE. And, still another in 1958, the Youngstown Society of Industrial Engineers started a student chapter with the aim of fostering a high degree of integrity among future members of the industrial engineering profession.

During the academic year 1956-57, Dean Charignon founded the Dean’s Council of the William Rayen School of Engineering, comprised of representatives from each of the professional and honorary societies as well as the school’s representatives on the University Student Council. The council continues to advise the dean in matters of student welfare and to participate in various functions such as open house events and the annual Engineers’ Ball (the first one was held on October 24, 1959), where the highlight of the evening is the crowning of the Engineer’s Sweetheart and the naming of Mr. Engineer for the year.

Many of the faculty supported the various student organizations, serving as advisers, attending meetings and social functions, etc. Faculty also made their professional expertise available to students and other interested parties preparing for the professional engineers’ examination. Beginning about 1951, a few faculty had participated in the refresher course offered by the Mahoning Valley Society of Professional Engineers at South High School each spring. As the years passed and the engineering faculty grew in numbers, the MVSPE relinquished the activity to the university; today the refresher course is offered as a continuing education course by the Office of University Outreach.

Several more annual awards for outstanding engineering students were established. The Youngstown Chapter of the American Institute of Industrial Engineers started the A.I.I.E. Award in 1956, given to the outstanding industrial engineering graduate. In 1957, the Sigma Tau Engineering Award was established to honor the outstanding engineering freshman. The Society of American Military Engineers initiated 20 annual awards in 1957 for R.O.T.C. cadets, 10 for students in next-to-the-last year of their engineering program, and 10 to students in their final year. (A unit of the Reserve Officers Training Corps – R.O.T.C – was established on campus in 1950 and administered by the Department of Military Science.) Also, the Armed Services Communications and Electronics Association Award was initiated for the outstanding R.O.T.C. cadet majoring in electrical engineering. The American Chemical Society Student Affiliate Award was started in 1958, honoring the outstanding chemistry or chemical engineering graduate. In 1962, the American Institute of Electrical Engineers, Sharon Section, established an annual Electrical Engineering Award for the outstanding electrical engineering graduate. Also in 1962, the American Society of Civil Engineers, Youngstown Branch, started an annual Civil Engineering Award given to the outstanding graduate in civil engineering.

Five more scholarships that benefited engineering students were established: the Westinghouse Industrial Scholarships (for their employees) in 1956; the Mahoning Valley Technical Societies Council Scholarship in 1958; the Youngstown Dunbrick Company, Incorporated Scholarships in 1962 (for a student interested in a career in the building industry); the Koppers Company Scholarships in 1962 (for a deserving student, preferably an upperclassman in chemical engineering); and the Youngstown Building Materials and Fuel Company Scholarships in 1963.

The William Rayen School of Engineering grew considerably during the Youngstown University era. By the Fall of 1966, the enrollment exceeded 1,500; there were 25 full-time and 12 to 15 part-time faculty. There was a well balanced mixture of professional expertise and experience among the faculty, most of whom held professional registration. The curricula had been reviewed and revised constantly. The availability of funds for laboratory equipment was limited, but improvements had been made when justified (sometimes on a shared basis). Graduates were progressing well at their jobs, which in turn promoted good rapport with industry. Was the school ready to handle the changes in store during the next few years? It most certainly was.

### Changing of the Guard

President Howard W. Jones and the Board of Trustees had always been committed to the concept of financing the university largely through private contributions, and to this end, local industry and individuals had been generous. However, by the mid-1960s, it became apparent that private contributions and the modest student tuition could no longer support the educational program and the proposed expansion of physical facilities. In April of 1966, it was estimated that the president would have to raise a million dollars a year just to keep the university operating, thus state and federal assistance would be necessary.

In 1963, Governor James A. Rhodes proposed state funding to establish a community college in the area, which might be operated by the University (while remaining a private institution). President Jones opposed the proposal on the grounds that another college was not needed and that it would compete for students and for future funding. Some local industries favored the idea of it being a technical institute which might benefit employees who did not have the opportunity to go to college, and the powerful labor unions supported the proposal vigorously (and might well have taken on the project). The citizens of Youngstown settled the issue, however, when they voted down the additional tax burden that would result.

In 1965, the university was reaccredited by North Central Association. The visiting committee praised the accomplishments of the university over the past 30 years, but also suggested several corrective actions, most of which could be translated into a higher cost of operation. The suggestions included some decentralization of responsibility in administration and increased consultation with the faculty, long-range academic planning to supplement the efforts of the faculty, improved faculty office facilities, and a reduction of faculty teaching loads to release time for research.

President Jones called a meeting of his most trusted advisers within the university to consider whether the university should apply for admission to the state university system or attempt to remain a private institution. Emotionally the group was opposed to a change, but found that there really was no alternate but to “go state.” On January 31, 1966, Dr. Jones submitted his resignation to the Board of Trustees so that a new president could be found to handle the transition from a private to a state university.



Meanwhile, in 1965, the University had applied for, and received, a state grant of \$5,000,000 to build a Science and Engineering Building. Under the conditions of the grant, the university would cede the site to the state; the state would then lease the building to the university at a nominal cost for 50 years. However, at the ground-breaking ceremony on March 8, 1966, the Governor invited the university to become a branch of the state university system. A special committee was appointed by the Board of Trustees to consider the matter, and in April 1966 they reported unanimous support for the move.

In May 1966, the Board of Trustees chose Dr. Albert L. Pugsley, BS in C.E., M.Arch., Sc.D., L.L.D., to be the University's second president. A native of Woodbine, Iowa, Dr. Pugsley was the administrative vice president of Kansas State University in Manhattan, Kansas, where he began as a professor in 1943.

It took more than a year to complete all the complex legal actions necessary to join the state university system. A new Board of Trustees was established, consisting of nine members (with staggered nine-year terms) appointed by the Governor of Ohio with concurrence of the Senate. The rights to all properties (including those originally owned by the YMCA) which had been donated to the university on a conditional basis had to be cleared with the donors. Continuance of employment for all university employees at equal to or higher compensation had to be assured. The Youngstown Educational Foundation was established, to which all assets of Youngstown University were transferred except real estate, equipment, and the construction fund. (This foundation, with Dr. Howard W. Jones as its first president, would support higher education in the Valley; the annual funding of numerous scholarships administered by Youngstown State University is one of their important functions.) A bill to create Youngstown State University was approved by the Senate and the House of Representatives, and signed into law by Governor Rhodes on May 11, 1967. The university officially became a branch of the state system on September 1, 1967.

President Albert L. Pugsley wasted no time in implementing plans for the future. By early Fall 1966, university-wide preparations were under way to convert to the quarter system of terms, with all changes in curricula, course descriptions, etc., due in time for the printing of the 1967-68 catalog. In addition, academic units interested in extending their educational activity to include graduate study were invited to prepare a preliminary proposal for a master's degree program. These important events, which are generally associated with the university's acquisition of statehood, are discussed further in Chapter V.

The retirement of President Jones marked the end of an era, but there continued to be great expectations for the future. He had been the man in charge for 35 years - an energetic administrator, an accomplished fund raiser, and a respected gentleman. A nucleus of the university personnel who had joined the institution in the late 1920s, 1930s, and early 1940s were also considering retirement. Most of these persons had become household names through teaching, university service, and personal accomplishments. Space limitations in this writing, and the risk of an omission, preclude discussion of all of them. The author would be remiss, however, not to include Joseph E. Smith, Ph.D., and his wife Mary Boyer Smith, AB, both of whom gave lengthy service and were known by everyone because of their positions and unfailing dedication to the welfare of the university and the students.

Dr. Smith joined the university in 1921 as a part-time professor of social science. In 1937, he joined full time as head of the department. He served as Dean of Men (1940-47), Dean of Students (1947-49), Dean of Arts and Sciences (1950-63), and Dean of the University (1949-67), retiring in 1967. He had also served as Head of the Economics Department and Associate Director of the Division of Social Sciences for periods of time. Dr. Joseph E. Smith was an authority on labor/management relations and served on the War Manpower Commission during World War II.

Mary B. Smith joined the university in 1940 as a full-time faculty member teaching biology. She served as Assistant Registrar (1944-57), Recorder (1957-67), Registrar (1967-72), Assistant to the Dean of Admissions and Records (1972-74), and Director of the Student Placement Service (1974-81), retiring in 1981. Mrs. Smith also served as Head of the Physical Education Department at various times.

Several others among the older generation of faculty and administrative personnel had held key positions for a number of years. They knew what the president expected and worked well as a team. Job security by way of “tenure” for the faculty and “expectancy of continued employment” for administrators and staff had not been available, nor had there been provision for sabbatical leaves. Matters of promotion and salary were at the discretion of the central administration (with input from division leaders and approval by the Board of Trustees), and were awarded largely on the basis of merit. Full-time personnel looked forward to a letter of welcome from the president each fall, advising them of a salary adjustment and perhaps a Christmas bonus. Unless otherwise negotiated, annual employment of the faculty had included teaching in the summer session.

## CHAPTER V

### YOUNGSTOWN STATE UNIVERSITY

#### The Engineering Science Building

Becoming a branch of the state system of higher education in Ohio brought about changes in procedures and academic programs, the hiring of additional personnel, increased funding for equipment and supplies, and a building program that started with the Engineering Science Building and has continued to the present time. All academic and administrative units of the university were affected, but perhaps the most busily involved at the outset was the William Rayen School of Engineering.

Several months prior to ground breaking in March, 1966, Dean Charignon began meeting with the architects and engineers of Hubbell & Benes and Hoff, Inc., Cleveland, Ohio, regarding classroom, laboratory, and office needs in the new engineering building. (Joseph Bucheit & Sons Company was the general contractor, The Scholl-Choffin Company the mechanical contractor, and Lake Erie Electric Company the electrical contractor. All three of these companies were headquartered in Youngstown, Ohio.) His faculty and department chairmen were given ample opportunity to identify laboratories (and necessary utilities therein) required for their respective programs. Also included in the five-million-dollar grant for the building was one and a half million dollars earmarked for fixed and movable equipment. Each department saw a potential for spending more money than perhaps had been allotted to the entire engineering school over the previous 20 years. Once the faculty became caught up in the opportunity, the dean found himself coping with some very ambitious requests for both laboratory space and equipment.

Faculty members were able to plan for an extension of the laboratory capabilities and for a more ideal learning environment. Most of the equipment at the William Rayen Building was in good working condition, but very limited in terms of multiples of units. Thus, laboratory instruction had often included demonstrations and/or experiments set up for group participation, either of which carried a potential for minimal hands-on experience with the equipment by the students. With dramatically increased funding available, the laboratories could now be reorganized to include several well equipped stations so that students might work in small groups. The acquisition of some sophisticated (and expensive) items of equipment, previously only imagined, could also be considered.

The process of procuring the equipment would continue for a year or two after the building was occupied. Under state regulations, purchase orders for equipment must include specifications for the capabilities of the equipment so that proposals might be sent out for bids. Once a decision was made on which bid to accept, several months might be required for delivery. Overall, the engineering school faculty did a very good job of selecting laboratory equipment that fulfilled the fundamental needs of the academic programs and provided capabilities that could inspire future research. Much of the equipment is as essential today as it was when purchased and cannot readily be replaced in view of current high prices and the need for new types of equipment on the market, most notably computers and computer accessories.

Observing the construction of the building was a very interesting learning experience. Each stage provided evidence of engineering theories and practices for both faculty and students. When completed, the five-story L-shaped structure would have 171,000 square feet of usable floor space which included 48 laboratories, 30 classrooms, and eight research and development rooms. For the first time in history, all six engineering departments would be housed in the same building. Although there was work yet to be completed, the school was permitted to occupy the new Engineering Science Building in December of 1967, and classes were held there beginning

with Winter quarter in 1968. The dedication was held on September 24, 1968, with Governor Rhodes providing the address and President Pugsley accepting the building from Dr. Robert F. Doolittle, Vice Chairman, Ohio Board of Regents. A reader interested in a description of the facilities and the new equipment is invited to read Exhibit IV on page 76.



Moser Hall

Computer hardware became available for “engineering” in about 1962 when a model IBM 1620 computer was housed in the basement of the library (Tod Hall). The IBM 1620 was equipped for card access or typewriter access. By 1967, two more computers were added, a model IBM 360-40 and a model IBM 360-30, and all three were soon located at the computer center on the second floor of the new Engineering Science Building. Engineering personnel and advanced students gained use of the IBM 360-40 either by card access or through one of 10 remote terminals located throughout the building. For need of more space and also to facilitate use of the computer facilities by the administration and other academic units, the computer center was relocated to the basement of Tod Hall in 1978 and remained there until Meshel Hall was completed in 1986. Computer facilities were periodically updated and expanded to meet demands; currently the heart of the computer center consists of an AMDAHL 5868 Multiprocessor complemented by an AMDAHL 5860 Uniprocessor in support of hundreds of peripherals.

Early computer classroom facilities for introductory instruction were supervised by the Department of Industrial Engineering. There were model 1636 Monroe Programmable Calculators in 1969, replaced by model TI-85 Texas Instrument Programmable Calculators in 1973. These were replaced by model 550-2 Sanyo Personal Computers in 1985. By that time, personal computers were becoming available throughout the campus. Today they are in abundance and are being replaced with newer more powerful models about every five years. (Personal hand-held calculators appeared in about 1970 and continue to gain in sophistication.)

In early Fall 1972, Dean Charignon decreed that the time had come to show the Engineering Science Building to the public and he appointed a committee for the purpose. All departments housed in the building at the time were represented: the six in engineering, engineering technology, computer science, mathematics, criminal justice, and continuing education. The title for the event was "Technorama '73" and it was held on Sunday, February 25, 1973, from 1 to 7 p.m. The effort expended in preparing and advertising was rewarded by a huge turnout, estimated to be in excess of 5,000 people. As usual, The Youngstown Vindicator provided excellent publicity. (11) Various other news media were also very cooperative.

### Term Conversion

The next activity in the process of becoming a State university that required considerable attention, starting in Fall 1966, was converting the curricula from the 16-week, two-term semester system to the 10-week, three-term quarter system. The syllabus and catalog description of every course had to be revised and assigned a new number and credit designation. The primary objective, of course, was to preserve the academic features of the curricula and not penalize students who were in midstream of completing their degree requirements. Course numbering which had ranged from the 100s for freshman-level courses to the 400s for senior-level courses was changed to cover the range from the 500s to the 800s. Credit designation for revised courses was based, as nearly as practicable, on one and one-half quarter-hours being the equivalent of one semester-hour. In the process, the total number of engineering courses (excluding thesis) was increased from 112 to 172; the number that included laboratory work (excluding drawing) increased from 33 to 45. All curriculum changes were subject to approval by both the school/college curriculum committee and the curriculum committee of the newly formed University Senate. Approvals had to be finalized by a deadline in June so that the new courses could be eligible for state subsidy when they were offered beginning Fall quarter 1967. (The state fiscal year is from July 1 to June 30.)

The requirements for the Bachelor of Engineering degree were reduced in stages from what would have been 225 quarter-hours on direct conversion from 150 semester-hours down to 200 quarter-hours by the Fall of 1971. The major change occurred beginning in Fall quarter 1967, when freshmen who could qualify academically by virtue of their high school record and an entrance examination would no longer be required to take a year of freshman mathematics below the level of calculus.

The 1967-68 catalog related greater autonomy for academic departments. For the first time in history, the engineering courses were not listed under the single heading "Engineering," but rather were broken down to show a list of courses offered by each of the six departments. Also, the prefix for course numbers clarified the source of the offering, e.g., E.E. 7\_\_ instead of Engr. 3\_\_ in the case of a junior level electrical engineering course. Greater autonomy also brought a demand for greater accountability. Departments became responsible for maintaining academic files (for advising purposes) for their student majors, and procedures for submitting class schedules, book lists, purchase orders, etc., became more structured. Many academic departments were assigned a secretary for the first time. Preparation of an annual budget request and an annual report on the inventory of equipment (office and laboratory) were added to the responsibilities of the chairman (chairperson).

The word "productivity" became the household term when evaluating teaching effort, the units being student-quarter-hours. For a single class, productivity was the product of the number of students enrolled and the number of quarter-hours credit for the course. The productivity of a faculty member over a period of time was determined by summing the productivities of the classes taught by the faculty member during the period. Further summations could yield measures of department and school/college effort. Productivity was used to justify the need for

additional personnel and for other budgetary considerations. (Prior to becoming a State institution, teaching loads were generally the total number of semester-hour credits taught; adjustments to reconcile unusual class size situations required special consideration.)

### Graduate Studies

First steps to establish the Graduate School were also taken during the academic year of 1966-67. On March 28, 1967, the Board of Trustees authorized the President and the faculty to begin the process of developing graduate programs at the master's degree level to commence in the Fall quarter of 1968. In May 1967 the University Senate authorized further development of preliminary program proposals that had been submitted earlier by interested departments. On August 15, 1967, the Board of Trustees established the Office of the Dean of the Graduate School and authorized specific programs. Earl E. Edgar, Ph.D. in Philosophy was appointed the first Dean and the new school was headquartered in the Arts and Sciences Office Building (previously the Valley Park Motor Lodge -- purchased by the Youngstown Educational Foundation and leased to the university) at 521 Wick Avenue across the street from the Maag Library. The graduate programs were approved by the Ohio Board of Regents on December 15, 1967, and received preliminary accreditation by North Central Association in July 1968.

Included in the original group of 18 graduate programs were four leading to the Master of Science in Engineering degree, in civil, electrical, mechanical, and metallurgical engineering. The first version of these programs became known as the "traditional" option of the engineering programs, and continues to provide a student with the background necessary for acceptance into most doctoral programs in the particular discipline. Beginning in Fall quarter 1973, the four departments were authorized to add an "administrative" option to the programs in response to student interest. Completion of the "administrative" option, which incorporates certain courses from the School of Business Administration and the Department of Economics, is not intended to serve as a stepping stone to the Ph.D. degree, but rather to be terminal preparation for an individual seeking depth in his or her engineering specialty plus credentials for managerial positions. (A minimum of 45 quarter-hours credit are required for a master's degree. Graduate courses are numbered at the 900 and 1000 level, and are offered mostly in the evenings.)

Early in 1968, the Final Report: Goals of Engineering Education (Washington, D.C.: American Society for Engineering Education, January, 1968) was released. This time the controversial recommendation expressed in the Preliminary Report (see page 37) that basic engineering education should be extended to include a master's degree, was tempered with the recommendation that ECPD (ABET) continue to focus accreditation activities on programs leading either to a bachelor's degree or to a master's degree, but not both in the same discipline at any given institution. (From 1972 until 1979, ECPD did accept applications to accredit both simultaneously, but reverted to the original practice under strong opposition from some of the professional societies.) In 1994, ABET reported that only 31 of 1,494 accredited engineering programs were accredited at the master's degree level; Youngstown State University has never sought the advanced level accreditation. The Final Goals Report cautioned that credit-hour requirements were making it too difficult for students to obtain a bachelor's degree in four years, and further recommended that institutions provide high-quality part-time degree programs and continuing education programs.

As related above, academic years 1965-66 through 1968-69 were extremely busy ones for the engineering school faculty during which they settled in a new building, experienced the conversion from the semester system to the quarter system of terms, and started master's degree programs. In retrospect, however, it was fortunate that the three events overlapped as they did; circumstances had provided the Dean and the faculty with opportunities to coordinate the undergraduate and graduate curricula and the equipment more effectively. It would take another

two to three years to incorporate the equipment in the laboratories and make adjustments in the courses so as to provide a smooth transition from the senior undergraduate level to the graduate level. Certain 800-level elective courses, to become known as “swing courses,” were approved for graduate credit for use in cases where such advanced courses had not been taken by a master’s degree candidate. (Swing courses carry the same undergraduate and graduate credit, but graduate students are required to complete additional assignments. The number of swing course credits that may be applied to a master’s degree is limited.)

Overall, there was much progress. In 1971, the School of Engineering was reaccredited by ECPD (ABET), with the day and evening programs in metallurgical engineering added to civil, electrical, and mechanical. Accreditation for chemical engineering would be acquired in 1974 and for industrial engineering in 1987. In 1976, chemical engineering also acquired accreditation by the American Institute of Chemical Engineers.

In April of 1987, Youngstown State University and The University of Akron entered into an agreement which allows engineers and students living and working in this area to take graduate courses beyond the master’s degree as part of the Ph.D. degree program at Akron. A few students have expressed an interest in this path to doctoral study.

Youngstown State University was authorized to offer a doctoral program, its first, beginning in Fall quarter, 1992. The Department of Educational Administration offers a program in educational leadership leading to the Doctor of Education (Ed.D.) degree. The first two graduates received their degree in August, 1995.

The Northeastern Ohio Universities College of Medicine (NEOUCOM) was established under the sponsorship of a consortium formed in 1972 by Youngstown State University, Kent State University and The University of Akron. Students admitted into the NEOUCOM BS/MD program are able to complete their BS and MD degrees in as few as six years.

### Engineering Technology

Again pursuing the protocol for gaining approval, President Pugsley established the Technical and Community College during academic year 1968-69. Nicholas Paraska, Ph.D., a member of the civil engineering faculty since Fall 1961, was named the first Dean. Headquartered in the Engineering Science Building, the new college introduced a total of 18 two-year programs leading to Associate in Arts, Associate in Business, and Associate in Applied Science degrees beginning Fall quarter 1969.

Prominent among the college subdivisions that prepared these first offerings was the Department of Engineering Technology. Consisting of three full-time engineering faculty (including Dean Paraska), and perhaps as many part-time, the department developed Associate in Applied Science degree (AAS) programs in civil, electrical, mechanical, and metallurgical engineering technology, and computer technology. The stated objective of the programs was to provide technical education to job-qualify individuals in two years. Approximately 100 quarter-hours credit are required for the degree.

The Technical and Community College grew rapidly and the engineering technology programs did as well. The associate degree program in electrical engineering technology was accredited by ECPD (ABET) in 1972; accreditation for the civil and mechanical programs would follow in 1976. Holders of accredited associate degrees were immediately certified as “Junior Engineering Technicians” by the Institute for the Certification of Engineering Technicians, and for membership in the American Society of Certified Engineering Technicians.

Beginning in Fall quarter 1973, the civil, electrical, and mechanical engineering technology programs were extended two years in length. Students completing the additional requirements (approximately 100 quarter-hours) are awarded a second degree, the Bachelor of Science in Applied Science (BSAS). This so-called “TWO-PLUS-TWO” concept remains in effect today for these disciplines. The three baccalaureate programs were accredited by ABET (ECPD) in 1982.

In 1975-76 the engineering technology department further expanded their offerings by introducing an associate degree program in Drafting and Design Technology and extending the Computer Technology program by two years. Also, a group of one-year certificate programs were added, which included such topics as:

- Architectural/Mechanical Drafting Technology
- Computer Technology
- Electrical Power
- Electronics
- General Industrial Technology
- Machine Design
- Plant Engineering Technology
- Tool Design
- Urban Planning Technology

In 1976, the Technical and Community College was moved to Cushwa Hall and renamed College of Applied Science and Technology. The 1976-77 catalog gives a brief description of the facility as follows:

“Opened in 1976, this new, \$7.5 million structure houses the departments of the College of Applied Science and Technology as well as the Media Center, the Television Center, the Geography Department, and the Mathematics Department. One of the largest buildings on campus, it contains 52 classrooms, 70 laboratories, 169 offices, and 23 conference-seminar rooms in 191,000 square feet of floor space.”

The Department of Engineering Technology was housed on the third floor, with laboratories for electric circuits and machines, electronics, physical measurements, civil engineering, pneumatics controls, and computers. The department also maintained a microprocessor laboratory in Meshel Hall.

Nationally, associate degree programs in engineering technology were being accredited by ECPD as early as 1946, but baccalaureate degree programs were not considered until 1967 when such programs appeared in increasing numbers. Proponents of the new type of engineering degree contended that most traditional engineering programs had become too theoretical since World War II and were neglecting skills formerly taught to engineers, such as drafting and manufacturing processes. Creators of the so-called Bachelor of Engineering Technology degree intended that holders of such a degree should occupy a middle ground between the craftsman and the engineer, and be titled “engineering technologist” rather than “engineer.” Currently, ABET defines Engineering and Engineering Technology as follows: (12)

“Engineering is the profession in which a knowledge of the mathematics and natural sciences gained by study, experience, and practice is applied with judgment to develop ways to utilize, economically, the materials and forces of nature for the benefit of mankind.”

“Engineering Technology is that part of the technological field that requires the application of scientific and engineering knowledge and methods combined



with technical skills in support of engineering activities; it lies in the occupational spectrum between the craftsman and the engineer at the end of the spectrum closest to the engineer.”

The engineering technology idea brought several concerns. How differently would industrial employers treat holders of the new degree? How would professional registration be affected? How would graduate schools receive such a credential? Should engineering and engineering technology programs be maintained separately at an institution? Would engineering technology students carry a “second-class” status?

These concerns have been reconciled with time. Initially, some engineering faculty were disturbed by the thought that they may not be satisfying the needs of industry ideally, but eventually came to realize that engineering technology was providing another career path for students. Many freshmen welcomed the engineering technology programs as being better suited to their needs without concern for status, and the engineering technology faculty took every opportunity to promote their programs. President Pugsley’s decision to establish engineering technology under a separate faculty had provided autonomy for the program. The engineering school faculty was cooperative with regard to the use of laboratory facilities, but was also competitive for student enrollment.

Industrial employers brought to campus by the Office of Career Services have sought holders of engineering technology and/or engineering degrees (including the master’s degree) to meet their particular needs. In the early 1970s, many employers indicated their intention to differentiate between engineering technologists and engineers in their job assignments. With time, however, some employers found it difficult to maintain a distinction as employees settled into their organization and were called upon to do the tasks at hand. The highly diverse and changing needs of industry have clouded the use of the word “engineer” in titles of positions, functions, and departments. Perhaps the only major distinction is in the starting salary, when the holder of a four-year engineering technology degree can expect about 10 percent less than the holder of a baccalaureate engineering degree.

In general, holders of engineering technology degrees are permitted to take the first examination leading to professional registration along with holders of engineering degrees; if passed, both are entitled to the status of “Engineer in Training.” Normally, the holder of an ABET (ECPD) accredited engineering degree must acquire four years of engineering experience judged to be of a professional nature in order to take the (second) examination for full professional registration. However, the various state registration bodies vary on the experience requirement for holders of four-year ABET accredited Engineering technology degrees. Some states, including Ohio, require eight years of such experience before the second examination can be taken. Some states require as few as four years.

Holders of four-year ABET accredited engineering technology degrees who aspire to pursue a master’s degree in engineering encounter a major problem. In order to gain acceptance as a degree candidate they are expected to bring their mathematical skills to the baccalaureate engineering level and to strengthen engineering course deficiencies which will enhance their potential for success.

### Collective Bargaining

During the early 1970s, there occurred a major change in the faculty-administration relationship within the university. The changing of the guard in 1966 had resulted in some modifications regarding policies and practices on hiring, firing, salaries, promotions, teaching loads, etc., but the great majority of the faculty continued to have little or no input in the process. Salaries were among the lowest in the state, and teaching loads among the highest. In 1970, two

separate faculty incidents occurred where it became clear that reasons for dismissal or denial of promotion were not to be expected, and that there was no faculty appeals procedure through which grievances or appeals for such decisions could be filed. On another occasion, in the Fall of 1971, the president warned the faculty of possible retrenchment because of declining enrollment, but failed to present data in support of, or a plan to implement, such action. These conditions were of great concern to the campus community, and for some served to fuel the sense of protest against the establishment that had developed in 1969 when tensions over the Vietnam War ran high.

On April 5, 1971, about 20 faculty members formed the Youngstown State University Chapter of the Ohio Education Association (YSU-OEA) with the objective of organizing the entire faculty and becoming the exclusive bargaining agent. Their effort to develop met with objections and delays by the administration, a sluggishness on the part of some faculty to commit to unionization, and competition from the American Association of University Professors Chapter (AAUP) on campus. (As one example, many “engineering” faculty held unionization as being in conflict with their professional registration; yet some did not.)

Nevertheless, the YSU-OEA did its job very well, so that by January of 1972, about 40 percent of the 382 eligible faculty indicated support. Thereupon, the YSU-OEA petitioned the Board of Trustees for exclusive bargaining rights; the AAUP did likewise. By April of 1972, it became evident to the Board of Trustees that collective bargaining was inevitable, so they authorized two separate elections which were held in late May. At the first election, faculty voted “for” or “against” collective bargaining; 73 percent voted “for.” The second election resulted in an OEA victory over the AAUP for exclusive bargaining rights.

In March, prior to the voting, the YSU-OEA was able (under court order) to obtain faculty salary records from the university, which were vital to preparations. Negotiations for the first contract began on August 7, 1972, with a tentative deadline for completion set for mid-January, 1973. However, shortly before the deadline, President Pugsley submitted his resignation to the Board of Trustees, citing personal reasons, and was succeeded immediately by John J. Coffelt, Ed.D.

A native of Neosho, Missouri, Dr. Coffelt served as Vice Chancellor for the Oklahoma State Regents for Higher Education from 1965 to 1968 prior to coming to Youngstown State University, where he was appointed Vice President for Administrative Affairs.

Negotiations were resumed about March 1, with lengthy controversial sessions on each contract issue. After about six weeks, tentative agreements, thought to show significant progress, were presented to the Board of Trustees. The Trustees rejected some of the concessions made by their bargaining team, resulting in increased tension. Finally, under threat of a faculty strike, the Trustees agreed to a contract, which was ratified by the faculty in late May, 1973. (It should be noted that administrators – including deans – and department chairpersons are not members of the YSU-OEA.)

From 1973 until 1992, the contract was renegotiated every two to three years, each occasion adversarial in nature and marked by varying degrees of controversy. Through it all, however, the overall quality of language and inclusions in the publication “YSU- OEA Agreement” improved as the participants learned more about the process. (Salary provisions, tenure, leaves of absence, workloads, faculty evaluation, promotion, grievance procedures, distinguished professor awards, election of chairpersons, etc. are all covered.) By the late 1980s, salaries improved to mid-range among the state colleges/universities in Ohio. Faculty workloads were stabilized in terms of work-hours credit rather than quarter-hours credit, and “productivity” calculated as student work hours. For lecture-type courses, work-hour credit is numerically equal to quarter-hour credit, but for some other teaching activities, work-hour credit is larger. For

example, a one quarter-hour credit laboratory course that meets three clock hours per week carries two work-hours credit for the faculty member. Such work load adjustments benefitted many academic units of the university, including “engineering.”

Beginning early in 1993, the YSU-OEA and the administration have agreed to try a new approach to collective bargaining known as “mutual gains bargaining,” which in essence strives to minimize adversarial situations through continuous open dialogue. Early reports are encouraging.

A reader interested in greater detail concerning the history of collective bargaining for the faculty at YSU is invited to consult publications 12 and 13 in the Bibliography, page 68. There are three other unions on campus covering classified employees, professional/administrative employees, and campus security personnel.

### Changes in Administrative Personnel

Dean Michael Jean Charignon relinquished his position in June 1977 because of ill health, and was succeeded by George A. Sutton, Ph.D. A former RCAF pilot and retired Lieutenant Commander (USNR), Dr. Sutton began his academic career in 1949. He served on the faculty at the Universities of Florida and Arizona, and as chairman of mechanical engineering at the University of Nevada. From 1974 to 1976, he served as the Director of Professional Services for the National Council of Engineering Examiners.

Dean Nicholas Paraska retired in June 1982 and was succeeded by Victor A. Richley, Ph.D. A graduate of Youngstown University, Dr. Richley joined the electrical engineering faculty in 1957 and had served as the first chairman of the Department of Engineering Technology, beginning Fall quarter 1969. (Dr. Richley retired as Dean in December, 1990.)

President John J. Coffelt relinquished his position during the summer of 1983 because of ill health and Neil D. Humphrey, Ph.D., served as Acting President during academic year 1983-84 before being named President. A native of Idaho Falls, Idaho, Dr. Humphrey had served as President of the University of Alaska for a year prior to coming to Youngstown as Vice President for Financial Affairs from 1978 to 1980 and Executive Vice President from 1980 to 1983.

President Humphrey retired in June 1992 and was succeeded by Leslie H. Cochran, Ed.D. A native of Valparaiso, Indiana, President Cochran had served as Provost at Southeast Missouri State University from 1980 to 1992. From 1969 to 1980, Dr. Cochran served on the faculty at Central Michigan University where he also held various administrative assignments.

Dean George E. Sutton retired in June 1994 and his duties were delegated to Frank J. Tarantine, Ph.D., who served as Acting Dean while a national search for a candidate to fill the position was being conducted. A graduate of Youngstown University, Dr. Tarantine joined the mechanical engineering faculty in Fall quarter 1959 and was elected Chairman of the Department beginning Fall quarter 1992.

Effective Spring quarter 1995, Charles A. Stevens, Ph.D. in Mechanical Engineering, became Dean of the William Rayen College of Engineering and Technology. Dr. Stevens had been Dean, College of Science and Engineering Technology, University of Arkansas at Little Rock, from 1989 to 1995. Previously he served at Purdue University Calumet, Hammond, Indiana as Dean, School of Engineering, Management, and Technology from 1982 to 1985, and as Dean, School of Professional Studies from 1985 to 1989. Dr. Stevens had been active in several professional societies, notably the Technology Accreditation Commission of ABET.

### Growth in Faculty and Campus Facilities

Statehood brought dramatic growth in faculty and campus facilities. Data given in the table below relate changes in the numbers of full-time faculty and in the numbers holding doctoral degrees and some limited information regarding the numbers of limited service (part-time) faculty. The academic years selected correspond with the first year in office for each president following Dr. Howard W. Jones.

#### Full-Time Faculty

<u>Academic Year</u> (President)	<u>Entity</u>	<u>Total</u>	<u>Doctorates</u>
1966-67	Total University	291	57
(Pugsley)	Engineering	25	7
1973-74	Total University	462	253
(Coffelt)	Engineering	34	28
	Engineering Technology	6	5
1983-84	Total University	469	285
(Humphrey)	Engineering	36	28
Engineering Technology	13	6	
1992-93	Total University	453	332
(Cochran)	Engineering	32	28
	Engineering Technology	15	6

#### Limited-Service Faculty

<u>Academic Year</u>	<u>Entity</u>	<u>Total</u>	
1966-67	Total University	404	
	Engineering	15	
1973-74	Total University	311	
Engineering	7		
	Engineering Technology	4	
1983-84	Total University	363	(2,176)
Engineering	6	(37)	
	Engineering Technology	16	(94)
1992-93	Total University	296	(1,764)
	Engineering	2	(11)
	Engineering Technology	9	(54)

Data for full-time faculty were obtained from the college catalogs; administrators with faculty rank are included. However, limited-service faculty were not listed in catalogs after 1973-74; data shown for 1983-84 and 1992-93 are estimates based on the total number (shown in parentheses) of quarter-hour credits taught by the faculty in Fall quarter as provided by the University Office of Institutional Research and Assessment. The author takes sole responsibility for estimating that, on the average, limited-service faculty taught six quarter-hours. (As mentioned previously, many limited-service faculty did not teach every term.) The most notable observation made from the table is the increasing percentage of full-time faculty holding doctoral degrees.

New building construction and the remodeling of existing structures has been a continuous process. Currently the campus covers about 125 acres and the university also owns more than 130 acres in Liberty and Hartford Townships (combined).

New buildings completed following the Engineering Science Building in 1968 include Williamson Hall in 1970; the Beeghly Physical Education Center in 1972; Bliss Hall, Cushwa Hall, and the William F. Maag Library in 1976; DeBartolo Hall in 1978; the All-Sports Complex in 1982 (with the first football game at Stambaugh Stadium being held on September 4); Meshel Hall in 1986; Lyden House in 1990; the John J. McDonough Museum of Art in 1991; and Cafaro House in 1994. Kilcawley Center, built in 1962, was enlarged and remodeled in 1974, 1976, and 1981. Other structures which have been remodeled include Tod Hall and Jones Hall in 1978; Williamson Hall in 1982; and Fedor Hall (purchased in 1965) in 1985. Among those currently being remodeled are the Engineering Science Building and Tod Hall. A recently launched campaign for the university entitled YSU 2000: A Vision for A Premier Metropolitan University promises a new College of Education building and an expansion of Stambaugh Stadium.

### Enrollments

In Chapter IV (see page 30 and pages 32 to 43) enrollments for the total University and for the School of Engineering were discussed. We recall that enrollments reported for academic year 1966-67 were 12,033 and 1,521, respectively. Extending the discussion into the statehood era requires the inclusion of enrollments for the graduate school and for engineering technology. Except as noted \*, the following data were provided by the University Office of Institutional Research and Assessment.

#### Youngstown State University Headcount Enrollment-Fall quarter

<u>Year</u>	<u>University</u>		<u>Engineering</u>		<u>Engineering Tech</u>
	<u>UND</u>	<u>GRAD</u>	<u>UND</u>	<u>GRAD</u>	<u>UND</u>
1968-69	13745	370	1476	54	
1969-70	14187	575	1434	76	343*
1970-71	14235	795	1285	84	487*
1971-72	13698	890	1031	NA	547*
1972-73	13017	971	806	51	470*
1973-74	12318	1140	773	48	485*
1974-75	12563	1354	783	58	595*
1975-76	13760	1813	922	81	743
1976-77	14043	1855	1055	73	902
1977-78	13872	1824	1161	71	938
1978-79	13501	2151	1230	65	1020
1979-80	13736	1567	1319	74	1147
1980-81	14340	1444	1407	63	1452
1981-82	14317	1347	1305	57	1542
1982-83	14433	1147	1274	39	1508
1983-84	14684	1165	1150	55	1525
1984-85	14182	1072	990	60	1342
1985-86	13889	1137	943	76	1169
1986-87	13811	1204	833	86	1052
1987-88	13521	1154	794	78	902
1988-89	13538	1172	742	58	804
1989-90	13647	1217	694	59	741
1990-91	14179	1275	694	61	702
1991-92	13819	1345	704	78	679

\* Data provided by the engineering technology chairperson.

1992-93	13569	1237	685	64	652
1993-94	13295	1206	712	67	576
1994-95	12833	1146	685	57	581
1995-96	12162	1171	765	64	421

Pursuing the discussion started in Chapter IV, the undergraduate engineering enrollment again oscillated in accord with the reported national freshman enrollment. By 1973-74, the national freshman enrollment dropped an estimated 36 percent, from 80,000 to 51,000, and the local engineering enrollment dropped 49 percent, from 1,521 to 773. Several causes contributed to the decline. The United States became involved in the Vietnam War, beginning in March 1966. There occurred a dramatic decline in the number of engineers and scientists in aerospace and related industries after the moon landings had been accomplished in 1969. There was a high rate of inflation based on 1967 prices. Also, as with other steel producing areas, Youngstown was being adversely affected by competition from foreign countries who could make steel more cheaply. All told, the 49 percent decrease in engineering school enrollment exceeded one-third of the 36 percent decrease in national freshman enrollment. (Recall the hypothetical model, page 33.)

By 1980-81, the engineering school enrollment increased 82 percent, from 773 to 1,407, while the national freshman class size increased an estimated 106 percent, from 51,000 to 105,000. United States involvement in the Vietnam War ended in January 1973. (Veterans received educational benefits under the Veterans Pension and Readjustment Assistance Act of 1967.) National attention was being directed to energy conservation and new forms of energy, environmental problems, transportation systems, computer development, health care, national defense, and future space exploration. Locally, a temporary resurgence in demand for steel production in 1973 (when competing foreign steel prices increased) perhaps helped some. Publicity on the graduate and engineering technology programs was inspirational. Open house Technorama '73 had given high school students and their parents a view of the opportunities available at Youngstown State. The engineering school enrollment increased far more than one-third of the increase in national freshman enrollment.

The year 1977 marked the beginning of the end of the steel industry in the Mahoning Valley when Youngstown Sheet & Tube Company idled over 4,000 area steelworkers at its Campbell and Struthers Works. Then, in 1979, three more area mills announced closings which would mean the loss of nearly 5,000 more jobs: U. S. Steel Corporation's Ohio Works and McDonald Mills, and Jones and Laughlin Steel Corporation's Brier Hill Works. Similar closings were taking place in other steel producing areas. By 1983 an estimated 40 percent of all steelworkers in the country were unemployed, with workers in the Valley among the most affected.

During academic year 1979-80, the engineering programs were reaccredited by ECPD. It criticized the teaching loads of the engineering faculty as being too high to allow for research and professional development. However, President Coffelt had declared a moratorium on hiring of additional faculty out of concern for the potential effect of the steel mill closings. As a remedy for ECPD's criticism, the president and the dean of engineering opted to upgrade the admission requirements and advise students who were adversely affected to enroll in the College of Arts and Sciences while correcting deficiencies. President Coffelt's concern was justified, and for the engineering school there occurred a steady drop in enrollment until 1988-89. Upgrading the admission requirements probably benefited the school in the long run, but the meaning of headcount enrollment for engineering became clouded in the process. All told, by 1994-95, the engineering enrollment declined 51 percent, from 1,407 to 685, as compared to an estimated decline of 19 percent in national freshman engineering enrollment, from 105,000 to 85,000. (13)

The enrollment headcount for engineering technology quadrupled during the 1970s, exceeded 1,500 during the period from 1981-82 to 1983-84, and then declined. Some of the recent decrease in enrollment is attributable to an administrative action in 1993 that combined the computer technology and the computer science programs to form the new Department of Computer and Information Sciences in the College of Arts and Sciences. Data available for engineering technology (two and four year programs combined) show a decline in national freshman enrollment between 1987-88 and 1994-95, from about 18,600 to 13,000. (14)



Cushwa Hall

A survey conducted in 1967 related strong interest in graduate study by engineering graduates who were living and working in the area. The response was gratifying, but participation by these students did not develop as rapidly as promised. On the other hand, graduate engineering enrollments during the early to mid-1970s included a greater number of international students than had been expected; at times they outnumbered the native-born students. (The welcome increase in the international student body across campus prompted the university to establish the International Student Office – now known as the Multicultural Student Services Office – in 1970.) The graduate engineering programs have also attracted graduates of many colleges and universities in this country. Both the “traditional” and the “administrative” options have been successful in fulfilling student needs. A good number of graduates have gone on to earn a doctorate.

When the university was a private institution, revenues were simply a matter of tuition and fees, supplemented by contributions. However, as a state university, income depends on the makeup of the student body. Students who are out-of-state residents pay a surcharge in addition to tuition and fees, and state subsidies are scaled to various categories of instruction. (Broad

categories include Graduate as the highest, followed by Baccalaureate, Technical, and General Studies. However, each of the broad categories is broken down into subcategories in such a fashion that there is some overlap in the subsidy rates.) Also, state subsidy is awarded on a full-time-equivalent (FTE) student basis, determined by dividing the total number of quarter-hours taken by all students in a given subsidy category by 15. Thus, the breakdown of full-time and part-time students in each category of instruction is a factor. Normally, the total FTE student count for the university is in the neighborhood of three-fourths of the total headcount. Headcount depicts the student traffic on campus, but much more must be known for budget purposes.

The cost of an education at Youngstown State University has been relatively low among the state colleges and universities. For academic year 1976-77, tuition and fees totaled \$226 per quarter (for 12 to 16 credits); the out-of state surcharge was \$200 per quarter. In 1986-87, the above dollar amounts were \$445 and \$325, respectively, for the same service. (The rates for undergraduate and graduate students, full- or part-time, had been the same.) For academic year 1995-96, undergraduate tuition and fees (for 12 to 15 credits) total \$1,024 per quarter (slightly higher for graduate students). There were two out-of-state surcharge rates: \$720 per quarter for students within a specified geographical region, \$1,560 for students outside the region. Computer assisted courses carry a fee of \$25; computer intensive courses carry a fee of \$35.

#### More Student Organizations, Awards, and Scholarships

In 1973, the Engineering Technology Club, affiliated with the American Society of Certified Engineering Technicians, was established to promote beginning student interest in the engineering technician profession. Also in 1973, the Student Chapter of the American Institute of Chemical Engineers was started with the objective of promoting the professional development of its members and contributing to the growth of the Chemical Engineering Department at YSU. The Student Chapter of the American Institute of Industrial Engineers was established in 1974 to promote the profession of industrial engineering through study, research, and discussion of the field. In 1976, the Student Chapter of the Society of Women Engineers was started to bring together women engineering majors and promote awareness of their field of study. The Student Chapter of the American Society for Metals (established in 1949) became the Student Chapter of the American Society for Materials in 1983, with the purpose of keeping students interested in the field of metals and materials up-to-date on current developments in the field through contact with professionals. The Student Chapter of the Society of Automotive Engineers was established in 1994 to provide opportunities to gain broader insight into engineering, arrange field trips, and sponsor engineering projects. In 1995, the Student Chapter of the National Society of Black Engineers was initiated to promote black student awareness in all engineering fields and provide information on various opportunities for minority advancement.

Several new annual students awards were established: in 1971, the American Society of Metals Awards went to an outstanding senior and an outstanding junior in metallurgical engineering and in materials science, and to an outstanding student for leadership in ASM activities; in 1972, the American Society of Civil Engineers, Youngstown Branch, Award to the outstanding civil engineering technology graduate; also in 1972, the Mosure, Fok and Syrakis Co., Ltd., Award to the best civil engineering technology graduate who completed the degree requirements on a part-time basis while being employed full-time; in 1977, the American Society of Mechanical Engineers, Youngstown Section, Award to the outstanding mechanical engineering technology graduate; also in 1977, the Professor Luginbill Chemical Engineering Award to the best all-around senior in chemical engineering; and in 1985, the Ronald J. Hepp Memorial Fund Award to the electrical engineering student who is first in his or her graduating class.



Several more scholarships for “engineering” became available: the Dow Chemical Company Outstanding Junior Awards in 1967 (scholarships for students of chemical and mechanical engineering and materials science); ALCOA Foundation Scholarships in 1969 (to a junior or a senior in electrical engineering and in mechanical engineering); The National Electrical Contractors Association (Penn-Ohio Chapter) Scholarship in 1969 (to an electrical engineering technology student interested in a career in the electrical construction industry); The Builders Association of Eastern Ohio and Western Pennsylvania Scholarship in 1972 (to a freshman in civil engineering technology); The Electrical League of Eastern Ohio, Inc., Scholarships in 1974 (for students enrolled in electrical engineering or electrical engineering technology); The Diamond Shamrock Corporation Scholarships in 1975 (for outstanding students in chemical engineering); Department of Electrical Engineering Grant in 1976 (to a sophomore, junior, or senior electrical engineering student); Koppers Foundation Company Scholarships in 1979 (to outstanding students in chemical, electrical, or mechanical engineering); Remacor Scholarships given by the Penn-Ohio Chapter of the American Institute of Mining and Metallurgical Engineers in 1980 (to an outstanding junior materials engineering student); Nicholas Paraska Scholarship in 1982 (based on achievement and need to a freshman student majoring in one of the College of Applied Science and Technology programs); Youngstown State University (Educational) Foundation: Deans Scholarships in 1986 (96 scholarships awarded to 16 students in each of the six undergraduate college and schools); Michael A. Rigo Memorial Scholarship in 1986 (to a junior mechanical engineering student); The Gerhardt M. Stein Electrical Engineering Scholarship in 1988 (to an electrical engineering student); the Nicola and Rocchina Richley Memorial Award in 1990 (scholarship to a sophomore student of engineering or engineering technology); and the Edmund J. Salata Scholarship in 1991 (to a civil engineering student).

A reader interested in the current status of all of the student organizations, awards, and scholarships reported in this history should consult the Student Affairs Office at Kilcawley Center, the Financial Aid and Scholarships Office in Jones Hall, and the most recent university catalog.

### Promotional Endeavors and Program Changes

There have been many promotional activities and program changes in the “engineering” experience during the past 20 years that have not been mentioned to this point in the writing. Some are included here. These events reflect an ever-present desire to better serve the needs of students and promote the university and the profession, as well as a necessary concern for enrollment, accreditation, productivity, and the budget.

During academic year 1982-83 the university celebrated the 75th anniversary of its 1908 founding date. To commemorate the event, the Diamond Jubilee Committee published a quarterly calendar (beginning with July 1982 and ending with June 1983) which cited important events in the history of the university that occurred on the various calendar dates, and included a segment of the school’s history excerpted from the forthcoming university publication by Dr. Alvin W. Skardon, Professor of History (see bibliography 2). A major function during the year was a campus-wide open house held on Sunday, May 22, 1983, from noon until 6 p.m.

Annually during the week of February that includes George Washington’s birthday (February 22) the National Society of Professional Engineers celebrates National Engineers Week, proclaiming some particular theme for the year. “Engineering” has supported Engineers Week through the efforts of the Mahoning Valley Society of Professional Engineers (MVSPE) and the Mahoning Valley Technical Societies Council (MVTSC). One annual event that is held at the university is a competition among local high schools known as “Math Counts,” which was initiated by MVSPE in about 1982.

In 1978, Dean Sutton instituted an annual ceremony inducting engineering graduates into the Order of the Engineer. Inductees pledge to uphold the obligation of an engineer; they receive a ring to wear as a symbol of membership. The Order was established in the United States by OSPE in 1970, and patterned after the Order of the Ring in Canada.

Beginning in 1989, the School of Engineering, in cooperation with the Office of Career Services, has held a two-week program in July called Engineering EXPO '\_\_\_ (where the last two numbers of the year appear in the blank space). The program is designed to give participants introductory hands-on experience with engineering projects, and thus a better understanding of what engineering and college life is all about. All of the engineering departments have participated in the instructional activities.

Beginning Fall quarter 1974, the Department of Chemical Engineering introduced a Nuclear Science and Engineering minor, which has been continued to the present. The Department of Industrial Engineering initiated a Management Engineering degree program in the Fall of 1976, but dropped it after three years due to lack of student interest.

During the decade of the 1970s, ECPD (ABET) recognized that undergraduate engineering curricula had perhaps become too science oriented, and moved to re-emphasize engineering design. Eventually, the accreditation criteria stipulated that curricula include one year of mathematics and science, one year of engineering science, one-half year of social science and humanities, and one-half year of engineering design. When identifying coursework to satisfy the 24 quarter-hours of engineering design credit, there seemed to be a consensus within the engineering school to resolve that the senior thesis be design oriented and so claim the six quarter-hours credit as being applicable. However, during the 1979-80 ABET accreditation visit, the inspectors judged, on review, that the content of some theses were not worthy of six quarter-hours of design credit, and warned against the use of thesis for any design credit. Thereafter, the senior thesis was phased out as a degree requirement in favor of design project-type courses.

Of all the “engineering” disciplines on campus, metallurgy has been the one most adversely affected by the slowdown and eventual closing of the steel mills. During 1969-70, the university offered four degree programs on metallurgy. In addition to the undergraduate and graduate programs offered by the Department of Metallurgical Engineering and the associate degree program by the Department of Engineering Technology, the Department of Chemistry continued a program leading to a Bachelor of Science degree with a major in metallurgy which was started in the 1930s. Enrollments were not large, but knowledge of metallurgy had been important in the Valley.

However, declining demand for metallurgy brought changes. By Fall quarter 1971, the Department of Chemistry discontinued its program; the Department of Engineering Technology would drop its program in the Fall of 1978. Effective Fall quarter 1971, the administration merged the Department of Metallurgical Engineering with the Department of Chemical Engineering. Reflecting effort on the part of the metallurgical engineering faculty to regain student interest by broadening the scope of their offering, the combined department was named Department of Chemical Engineering and Materials Science. The metallurgical engineering/materials science faculty continued to offer a high quality program, but lost ABET accreditation in 1982 when the number of faculty had been reduced to three because of low enrollment. The name of the master’s degree program was changed from Metallurgy Engineering to Materials Science in 1972-73, but continues to offer a metallurgy option. The materials science programs (undergraduate and graduate) continue to struggle for enrollment, placing them in serious jeopardy. The loss of either of these programs would indeed be unfortunate. The availability of expertise on materials is essential to all “engineering” programs.

### Financial Concern

By the early 1990s, there were several indicators which cautioned that financial matters were going to require serious attention. The State financial department was promising less support for the University's operation budget. It seemed that the University enrollment would bottom out, but the future was not clear. Higher salaries for most University employees had been negotiated several times during the years. A large number of faculty had been promoted to the academic rank of associate and full professor, thus enjoying higher salaries. The average age of the faculty (actually all employees) had increased to the point where healthcare insurance premiums were becoming an increased concern.

In the Summer of 1991, the YSU-OEA and the University entered into negotiations for the next contract term. As was the case in some previous negotiation sessions, the YSU-OEA proposed a faculty "buy-out," but some of the Trustees had philosophically opposed paying faculty to retire. On the other hand, younger faculty favored the idea, believing that their chances for salary increases would improve if higher-paid faculty would leave. This time, however, the University made a counter proposal, with minor differences, and both parties approved a "buy-out" to begin on January 1, 1992. Under the terms of the agreement, a full-service faculty member electing to retire would be awarded an additional five years of active service time when calculating his or her retirement benefits. The offer was well received and repeated for the next contract term. Similar "buy-out" offers were made to the classified employees.

By Fall of 1996, the faculty had been downsized as follows:

	1991-92	1996-97	Percent
Total University	463	403	12.9
Holding Doctorates	334	311	6.9
Engineering	34	26	23.5
Holding Doctorates	30	26	13.3
Technology	16	8	50.0
Holding Doctorates	6	2	66.7

The good news is that a substantial number of the retirees remained available to fill in on a limited-service basis in critical academic areas. Certainly, a Ph.D. is an asset to teach Technology, but not considered to be necessary.

The "buy-out" method of coping with the impending financial crisis was preferable to any other which might result in the arbitrary loss of positions termed "retrenchment." The decision to retire was at the sole discretion of the faculty member, but this was not without problems. The untimely loss of key faculty, particularly in a small department, could seriously disrupt course offerings and, in some cases, student graduation. Because the administration would naturally feel it counterproductive to replace faculty immediately, a return to normal might take considerable time.

The administration also utilized a variety of other ways to conserve finances. Operation budgets were reduced and, in some cases, centralized. Requests for new equipment or any other expenditures required detailed justification. Funding for limited service faculty was held to a minimum, and proposed summer class schedules were scrutinized carefully. Also, where practical, programs were reorganized to share leadership and secretaries.

## CHAPTER VI

2008

### Recent Program Changes

Effective in Fall 1993, the administration relocated the Department of Engineering Technology from Cushwa Hall to the Engineering Science Building and united it with the William Rayen School of Engineering, resulting in a name change to William Rayen College of Engineering and Technology. Within the College, the Department of Engineering Technology was named School of Technology.

In 1997, the Departments of Civil and Environmental Engineering and Chemical Engineering were combined to be Civil/Environmental and Chemical Engineering. Electrical Engineering was renamed Electrical and Computer Engineering. Mechanical Engineering and Industrial Systems Engineering were joined to become Mechanical and Industrial Engineering. Materials Engineering was discontinued, but a few courses are still offered to service other engineering programs. The program options for the School of Technology were Civil and Construction, Electrical and Utility, Drafting and Design, and Mechanical Technology.

Degree and curriculum offerings for engineering included the Bachelor of Engineering (BE) degree in Civil and Environmental, Chemical, Electrical and Computer, Industrial Systems, and Mechanical Engineering. Graduate-level study leading to the Master of Science (MS) degree is available in all of these areas.

The Master of Science program may be characterized as being both career-oriented and self-directed, and offers considerable flexibility to suit the needs of individual students. The basic requirements for the degree include core courses, technical concentration, and electives, including thesis. In consultation with an adviser, a student may pursue a traditional tract (thesis recommended) in preparation for further graduate study, perhaps to a doctorate. A student seeking to prepare for a managerial role in industry may substitute certain business courses for technical courses. As a third option, the student may define a personal professional goal.

In 1998-99 the College instituted a Cooperative Education (Co-Op) Option, designed to assist students in getting meaningful engineering experience while pursuing their education. The Departments of Civil, Electrical, Industrial, and Mechanical Engineering participate in the option. The College also participates in research and training programs through the Department of University Outreach.

The Co-Op Option was the first attempt to place a student with an employment opportunity. So far as cooperating with industry, however, there had been a long-standing policy of trying to mesh class schedules with employee work hours. Especially during the 1940s and 1950s, when part-time student enrollment was as high as a third of the total (see page 35), there were many classes scheduled in the evenings. Also, it was not uncommon to honor the request for a conference course to enable a student to graduate.

Technology offerings included two-year study leading to the Associate in Applied Science (AAS) in Civil, Electrical, Mechanical, and Drafting and Design Technology. With two additional years of study in Civil, Electrical, or Mechanical Technology, a student can earn a Bachelor of Science in Applied Science (BSAS) degree. In 2003, the Associate in Technical

Study (ATS) degree was instituted, and curricula were introduced for Construction, Electric Utility, and Power Plant Technology.

In 2001, the University changed from the quarter system to the semester system of academic terms, with Fall, Spring, and Summer semesters. This entailed a complete review of all curricula, and a change in the course numbering system.

Each course is identified by an assigned prefix followed by a four digit number which is selected from the following schedule:

1500-1599	Freshman course
2600-2699	Sophomore course
3700-3799	Junior course
4800-4899	Senior course
5800-5899	Swing course (senior course also approved for graduate credit)
6900-	Graduate course
8100-	Doctoral course

For example, the course MECH 603 - Thermodynamics I - 4 quarter hours - became MECH 2603 - Thermodynamics I - 3 semester hours. In most cases the second digit was a carryover from the quarter system of numbering.

Semester terms also brought a review and modification of the General Education Requirements (GER) for graduation (see page 35). The new model consists of two broad areas: Basic Skills and Knowledge Domains. Courses applicable are listed under subheadings. Basic Skills include courses in Writing, Speaking, Critical Thinking, and Mathematics. Under Knowledge Domains are Natural Sciences, Artistic and Literary Perceptions, Societies and Institutions, Personal and Social Responsibilities, Selected Topics, Interdisciplinary, and Captions. Undergraduate students pursuing a bachelor's degree must complete 15 GER courses and students seeking an associate's degree must complete six.

Beginning in Fall 2007, an administrative reorganization combined departments from the College of Arts and Sciences with the College of Engineering and Technology to establish the College of Science, Technology, Engineering, and Mathematics (STEM). Listed alphabetically, they are:

- Department of Biological Sciences
- Department of Chemistry
- Department of Civil/Environmental and Chemical Engineering
- Department of Computer Science and Information Systems
- Department of Electrical and Computer Engineering
- Department of Engineering Technology
- Department of Geological and Environmental Science
- Department of Mechanical and Industrial Engineering
- Departments of Mathematics and Statistics
- Department of Physics and Astronomy

The College of Arts and Science was renamed the College of Liberal Arts and Social Sciences. The office of the Dean of the College of STEM is located in Moser Hall (the Engineering Science Building).

#### Historical Reflections

From the beginning in 1888 – when the first class was recorded – until 1916, classes and lectures were offered by the YMCA School. In 1916, the name was changed to the Association

School and in 1920 to the Youngstown Institute of Technology. In 1931, 1955, and 1967, the institution became Youngstown College, Youngstown University, and now Youngstown State University. However, none of these dates correspond with the year 1908, which is considered the year when the university was founded. Actually, it is the year when the first known college-level course was offered by the Law School, the school that unfortunately had to be discontinued in 1956 because of low enrollment.

It is interesting to recall that beginning in 1944, Engineering, Mathematics, and Physics were housed in the William Rayen Building under the authority of the first dean of engineering. By 1950, the total number of full-service faculty in the three areas was still less than 20, with a like number of part-time faculty available. The group worked well together during the period of returning war veterans. Mathematics and Physics were transferred to the School of Arts and Sciences in 1953 and 1960, respectively.

In 1967, President Pugsley sought to preserve the autonomy of Technology by housing them in the College of Applied Science and Technology (CAST). In 1993, 26 years later, Technology was merged with Engineering. Cushwa Hall became the home of the College of Health and Human Services.

In 1967, the system of academic terms was changed from semester to quarter. It seemed appropriate to follow the majority of the State-supported universities. At that time, faculty who had worked under President Jones for about 35 years were retiring, and new faculty would be seeking a voice. In the later 1990s, an ever increasing number of discussions occurred on the merits of returning to the semester system. After listening to all the arguments, pro and con, of the option, per say, the University community considered what might be accomplished for the University if the change was made. Effective in 2000-2001, the semester system was adopted, and the University entered the 21<sup>st</sup> century with renewed enthusiasm and optimism. The bulletins and other promotional materials related increased emphasis on career opportunities available in the various programs. Trends regarding health care, computer applications, etc. were addressed, and all innovations would support the administrative concept of “reaching out” to the community.

### Degrees Granted

Appendix F lists the names of graduates, the degree(s) each earned and the calendar year during which the degree was granted. The listing terminates with Summer 2007. A tally of the list reveals totals as shown below:

Degree	Year Initiated	Title of Degree	Total
BA	1930-31	Bachelor of Arts	4
BS	1937-38	Bachelor of Science	15
BE	1944-45	Bachelor of Engineering	6,604
MS	1969-70	Master of Science	791
AAS	1969-70	Associate in Applied Science	2,905
BSAS	1973-74	Bachelor of Science in Applied Science	2,292
ATS	2003-04	Associate in Technical Study	81

Total 12,692

The tally also reveals that 1,507 of the degrees were the second or, in a few cases, the third degree earned by students. Thus, the number of “engineering” alumni may be determined to be (12,692-1,507) 11,085.

### Recent Facility Additions and Changes

In 1995-96, the Engineering Science Building underwent a \$6.873 million renovation project to enhance offices and classrooms, upgrade computer facilities with state-of-the-art technology and equipment, and modernize the 208 seat auditorium to a 21<sup>st</sup> century classroom facility.

During the renovation period, the College was relocated to the Phelps Building at the corner of Lincoln Avenue and Phelps Street across from Williamson Hall. In 2001, the Engineering Science Building was renamed Moser Hall in appreciation of a gift of \$1.5 million from an alumnus, Danial H. Moser, who earned a BE degree in Mechanical Engineering in 1955.

In 1998, the \$14 million Beeghly Hall was completed, and the School of Education was renamed Beeghly School of Education. The building is situated between Lincoln Avenue on the north and Rayen Avenue on the south.

In 1999, Stambaugh Stadium was renovated to include east-side bleachers, which increased the total seating capacity from 16,000 to 20,630.

Also in 1999, the College of Health and Human Services was renamed The Dr. Dominic A. and Helen M. Bitonte College of Health and Human Services.

Several opportunities for student housing have been developed. The Lyden House and the Cafaro House Honors Residence became available in 1990 and 1995. Both of these houses sit to the north along Madison Avenue. The University Courtyard Apartments (privately owned) in the Wick Oval area began operating in 2003.

In 2005, the \$12.1 million Andrews Recreation and Wellness Center, a state-of-the-art multipurpose physical fitness facility, was completed. The building sits just north of DeBartolo Hall.

### Computer Facilities

Engineering and Technology operate a Computer Complex made up of 140 PC Computers. The oldest of these machines is a Pentium III-1.8 GHz machine while the latest machines are Pentium IV-3.6 GHz machines. All machines are networked in the College via a 10/100 Ethernet, while connectivity to the University hub is via a fiber-optic backbone operating at 622 MB ATM. Full high-speed access to the Internet is available by this network to each computer. The College server provides storage space and e-mail service to all students.

Software available at the desktop in the College is made up of certain core packages while various machines have a different set of more specific software available. All machines have Microsoft Office available. Specific software available in the complex for more specialized applications include Autocad 2007, Solid Works, Autocad Inventor Ii, Algor FEA, ChemCad 5.6, Pspice 8.0, Working Model, Mechanical Desktop, Flient 6.3, STADD.Pro. HVAC 4.31, Minilab r14, Arena, MS Visual Studio, Microsoft Visual Basic 6.0 SP6, Labview 8.2, SPSS 15, Mathcad, Multisim 9, Matlab and Simulink R2006b, Maxima 5.11, OrCad 15.7, and Microsin among others.

Printing is available in the complex at no charge to the student. Laser black and white and high-speed color printers are available at each desktop.

The Computer Complex is made up of seven rooms, which, in some cases, are physically interconnected. Five of the seven rooms are equipped with computer projectors and visual

presenters to make an excellent environment for students to learn computing skills. Three of these rooms have computers for the students to follow along with the instructor. One room (ESB 2400) has advanced capability and is used for most of the student presentations in the College. It is equipped with a high-end computer connected to the Internet, a high resolution Visual Presenter, VCR and Slide input, cable TV, and satellite input. The room is equipped with an 8-foot-tall back-lit projection screen, which can display all of the room's inputs. Also available for output display are four 30-inch TV monitors.

Lab assistants are available at all times when the complex is open, and students may gain access at all times, 24 hours a day.

The University Computer Center is located on the fourth floor of Meshel Hall. To learn the particulars of the mainframe computer and its auxiliaries, review the article "Computer Center" in a recent University Bulletin.

Personal computers are available on campus for instruction and research. Currently, more than 55 labs are available within the 14 campus buildings and Metropolitan College sites. Networked personal computers allow access to local software, as well as the other facilities on campus, such as Maag Library and the Internet sites worldwide. The Electronic Campus provides faculty, staff, and students the opportunity to use global and local computer networks and current generation computer hardware and software via state-of-the-art network infrastructure.

#### Update on Student Awards and Scholarships

Awards not previously related are: the American Institute of Chemical Engineers Award, to the best chemical engineering student; the American Institute of Chemists Foundation Award, to the graduating senior with the highest grade point average (GPA) in chemistry and chemical engineering courses; the Cochran Diversity Fund in Engineering, awarded to a minority student in the College of Engineering; the Institute of Electrical and Electronic Engineers, Youngstown Section Award, to the outstanding graduate in electrical engineering; the Institute of Industrial Engineers, Youngstown Section Award, to the outstanding graduating industrial and systems engineering student; and the Omega Chi Epsilon Award, to the outstanding senior in chemical engineering.

Scholarships awarded include: the Ferdinand S. Jagatich Scholarship (1998), to a student majoring in mathematics, physics, or engineering with a 2.5 GPA and need; the Lenora and Jack Reed, and Pete Fabek Memorial Scholarship (1991), to a sophomore electrical engineering student and need; the Myron C. Wick, Jr. Scholarship (1985), two in the physical sciences and one in engineering (Recipients must be full-time students with 70 semester hours and a GPA of 3.0); the Ohio Aerospace Scholarships, to one outstanding junior and one outstanding senior in engineering; the Ohio Contractors Hall of Fame Scholarship, to a U.S. (Ohio resident preferred) upper-division student enrolled in a BE or BSAS program in civil engineering; the Robert E. Heltzel, Sr. Memorial Scholarship, to a sophomore engineering student residing in the local five-county area having a GPA of 3.5 and need; the Samantha Grace Pancoe Memorial Scholarship, to an engineering student (female preferred) with a GPA of 2.5 and an interest in product design and product safety; the Jack W. Guffey, Jr. and Monogue Scholarship, to a student (preferably in the College of Engineering) from New Springfield High School; the Paul J. Powers Scholarship, to an upper division student (mechanical engineering preferred) with a GPA of 3.0, or better; the Theodore J. Stitt Memorial Scholarship, to an upper-division civil engineering student residing in the local five-county area (Lawrence County preferred) with a GPA of 2.5; the Virgil A. Hobart Scholarship, to an engineering student based on need and merit; and the Adiaka and Associates Scholarships (1986), three partial scholarships to senior-level civil and structural engineering



students, and two partial scholarships to computer information system students (all must show need).

### Student Tuition and Fees

The annual University catalogues show an elaborate listing of student tuition and fees. Only tuition costs for full-time enrollment are shown here. Out of state students from a defined regional area pay a regional surcharge. Students from more remote areas pay a higher non-regional surcharge.

For 1996, costs are listed as

Undergraduate (12-18 sem. hrs.)	\$906	per sem.
Regional Surcharge	540	per sem.
Non-Regional Surcharge	1,212	per sem.
Graduate (12-18 sem. hrs.)	996	per sem.
Regional Surcharge	588	per sem.
Non-Regional Surcharge	1,104	per sem.

In 2006, costs became

Undergraduate (12-16 qtr. hrs.)	\$2,682	per qtr.
Regional Surcharge	1,523	per qtr.
Non-Regional Surcharge	1,307	per qtr.
Graduate (12-16 qtr. hrs.)	3,439	per qtr.
Regional Surcharge	2,931	per qtr.
Non-Regional Surcharge	2,754	per qtr.

In addition, a General Fee is charged each term, and fees for laboratory and computer use are assessed where applicable. The annual cost for room and board was increased from \$4,200 in 1996 to \$6,490 in 2006.

In spite of the increases indicated above, Youngstown State University is still among the least expensive universities in the State of Ohio.

### Administrators

President Leslie H. Cochran resigned in June 2000 and was succeeded by David C. Sweet, Ph.D. Dr. Sweet had been Chairman of the Ohio Board of Regents Urban University Program since 1980. Beginning in 1978, he also served as Dean of the Lewis College of Urban Affairs at Cleveland State University. Dr. Sweet's experience with urban affairs is statewide.

Dr. Charles A. Stevens, Dean of Engineering, retired in June 2001, and Dr. Cynthia S. Hirtzel was his successor. Previously, Dr. Hirtzel was Provost and Vice President for academic Affairs at State University of New York (SUNY). From 1995 to 1998, she was Dean of the College of Engineering at Temple University. Dr. Hirtzel was Chairman, Department of Chemical Engineering and Material Science at Syracuse University from 1990 to 1995.

Dean Hirtzel stepped down in June 2007, and Martin A. Abraham, Ph.D., became Dean of the College of Science, Technology, Engineering, and Mathematics. A chemical engineer, Dr. Abraham holds a BS degree from Rensselaer Polytechnic Institute and his doctorate from the University of Delaware. He has an outstanding record of teaching, research, and publications at the University of Tulsa, and again, most recently, at the University of Toledo where he served as Dean of Graduate Studies.

### Faculty Activities

Faculty performance is evaluated annually and when faculty members are being considered for promotion, tenure, or perhaps distinguished professor awards. Activities are evaluated in three areas: teaching, scholarship, and University service. The process is clearly delineated in the “YSU-OEA Agreement.”

Teaching has always been considered to be a main mission of the University. There have been many individuals who published and participated in research. They were praised and rewarded appropriately, but the University is not known as a place where faculty “publish or perish.” In fact, it is a matter of pride that students see mainly seasoned teachers in class. Very few graduate assistants teach.

As the University’s reputation has grown, so has the frequency with which grants have become available. In the past eras, the Engineering School received an occasional grant. In the past 10 years, the occasions have become increasingly more frequent.

### Closing Comments

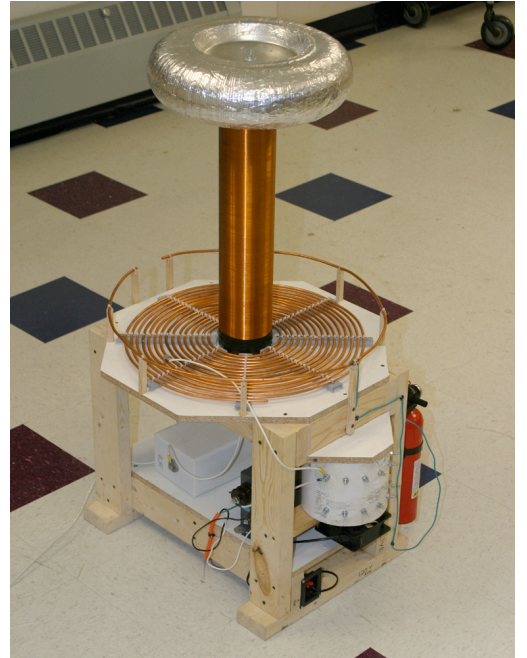
In the later 1880s, the local YMCA began teaching classes to help young men succeed. The educational program grew in scope to accommodate increasing opportunities in technology, business, etc., but the most significant expansion in the next 20 years was starting the (now defunct) Law School in 1908, the event that established the founding of this university. Currently, Youngstown State University offers nearly 200 accredited academic programs.

The beautiful campus covers an area of about 150 acres, consists of 43 buildings, and benefits from several area arts and cultural venues such as the Butler Institute of American Art, the Arms Family Museum of Local History, and the Museum of Industry and Labor. The University also owns 16.3 acres in Liberty Township and 118.4 acres in Hartford Township.

The history of development is truly a marvelous success story that relates an ever-present desire to serve the needs of students. Hundreds of individuals have played a role in various capacities, and the University claims more than 85,000 alumni.

Classes in “engineering” were offered from the beginning, but curricula leading to a degree were not offered until the early 1930s. The evolution of “engineering” on campus relates advancements in technology and the growth of a dynamic profession. Enrollments have been affected several times by wars, the demand and supply of engineers and technologists, and economic conditions. Yet, overall progress regarding programs and facilities has always been positive. Currently, all academic programs in Engineering and Technology in the College of Science, Technology, Engineering, and Mathematics (STEM) are accredited. The College is housed in Moser Hall, a modern five-story structure built in 1968 and remodeled in 1996. Since the mid-1930s, 12,692 degrees have been awarded to 11,085 “engineering” alumni.

The College of STEM is committed to furthering the mission of the University by providing quality programs in engineering and technology which encompass the mathematics and physical sciences, engineering sciences, social sciences, business, and the humanities. Applications of these fundamentals prepare students for careers in both engineering and engineering-related fields, educate students for living more abundantly, advance technology and support, as well as challenge industry and government both locally and nationally through research and public service integrated with teaching.



“Engineers” at Work

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| 15.        | Youngstown State University Bulletin: Graduate Catalog Issue, published annually beginning 1968-69.  |

REFERENCE NOTES

- | <u>No.</u> | <u>Source</u>  |
|------------|--|
| 1.         | <u>Youngstown Vindicator</u> , September 10, 1890. (As per Bibliography Publication No. 2, pages 31 and 32.)   |
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| 3.         | See Bibliography Publication No. 6, pages 2, 3, 47, and 62.  |
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| 5.         | <u>Youngstown Vindicator</u> , November 13, 1949.  |
| 6.         | <u>Youngstown Vindicator</u> , December 5, 1954.   |
| 7.         | The statistics are based on the report of President Howard Jones to the Board of Trustees for Fall term (up to 1966). (As per Bibliography Publication No. 2, page 199.)   |
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| 11.        | <u>Youngstown Vindicator</u> , February 15, 1973.  |
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| 14.        | ibid   |

## EXHIBIT I

### Chapter 4733-35: Ohio Revised Code (Effective 10/15/70; Section 4733-35-06 Revised 11/1/78)

#### Code of Ethics for Engineers and Surveyors

##### 4733-35-01: Preamble

In order to safeguard the life, health, property and welfare of the public and the state of Ohio, to maintain integrity and high standards of skills and practice in the profession of Engineering and Surveying, the following rules of professional conduct, promulgated in accordance with chapter 4733 of the Ohio Revised Code, shall be binding upon every person holding a certificate of registration as a Professional Engineer or as a Surveyor.

The Engineer or Surveyor, who holds a certificate of registration from the Ohio State Board of Registration for Professional Engineers and Surveyors, is charged with having knowledge of the existence of reasonable rules and regulations hereinafter provided for his professional conduct as an Engineer or Surveyor, and also shall be deemed to be familiar with their several provisions and to understand them. Such knowledge shall encompass the understanding that the practice of engineering, or of surveying, is a privilege, as opposed to a right, and the registrant shall be forthright and candid in his statements or written responses to the Board or its representatives on matters pertaining to professional conduct.

##### 4733-35-02: Integrity

The Engineer or Surveyor is obligated to act with complete integrity in professional matters for each client or employer as a faithful agent or trustee, shall be honest and impartial, and shall serve the public, his client and his employer with devotion.

##### 4733-35-03: Responsibility to the Public

The Engineer or Surveyor shall:

- (A) Protect the safety, health and welfare of the public in the performance of his professional duties. Should the case arise where the Engineer or Surveyor faces a situation where the safety, health or welfare of the public is not protected, he shall:
  - (1) Sever his relationship with his employer or client;
  - (2) Refuse to accept responsibility for the design, report or statement involved;
  - (3) Notify the proper authority if, in his opinion, the situation is sufficiently important.
- (B) Undertake to perform assignments only when he and/or his consulting support are qualified by training and experience in the specific technical fields involved. In the event a question arises as to the competence of an Engineer or Surveyor to perform an engineering or surveying assignment in a specific technical field of engineering or surveying which cannot be otherwise resolved to the Board's satisfaction, the Board, either upon request of the Engineer or Surveyor or by its own volition, may require him to submit to an appropriate inquiry by or on behalf of the Board;
- (C) Be completely objective in any professional report, statement or testimony. He shall include all relevant and pertinent information in the report, statement or testimony when the result of the omission would, or reasonably could, lead to fallacious conclusion;
- (D) Express an opinion as a technical or expert witness before any court, commission or other tribunal, only when it is founded upon adequate knowledge of the facts in issue, upon a

background of technical competence in the subject matter, and upon honest conviction of the accuracy and propriety of his testimony.

#### 4733-35-04: Public Statements

- (A) The Engineer or Surveyor will issue no statements, criticisms or arguments on engineering or surveying matters connected with public policy which are inspired or paid for by an interested party, or parties, unless he has prefaced his remarks by explicitly identifying himself, by disclosing the identities of the party, or parties, on whose behalf he is speaking, and by revealing the existence of any pecuniary interest he may have in the instant matters.
- (B) He will publicly express no opinion on an engineering or surveying subject unless it is founded upon subsequent knowledge of the facts of an issue, upon a background of technical competence in the subject matter, and upon honest conviction of the accuracy and propriety of his testimony.

#### 4733-35-05: Conflict of Interest

- (A) The Engineer or Surveyor shall conscientiously avoid conflict of interest with employer or client, but, when unavoidable, the Engineer or Surveyor shall forthwith disclose the circumstances to his employer or client.
- (B) The Engineer or Surveyor shall promptly inform his client or employer of any business association which could influence his judgement or the quality of his services to his client or employer.
- (C) The Engineer or Surveyor shall not accept compensation, financial or otherwise, from more than one party for services on the same project, or for services pertaining to the same project, unless the circumstances are fully disclosed to, and agreed to, by all interested parties or their duly authorized agents.
- (D) The Engineer or Surveyor shall not solicit or accept financial or other valuable considerations from material or equipment suppliers for specifying their products.
- (E) The Engineer or Surveyor shall not solicit or accept gratuities, directly or indirectly, from contractors, their agents or other parties dealing with his client or employer in connection with work for which he is responsible.
- (F) As an elected, retained or employed public official, an Engineer or a Surveyor (in his capacity as a public official) shall not review or approve work that was performed by himself, or under his direction, on behalf of another employer or client.

#### 4733-35-06: Solicitation of Employment

- (A) The Engineer or Surveyor shall not pay, solicit nor offer, directly or indirectly, any bribe or commission for professional employment with the exception of his payment of the usual commission for securing salaried positions through licensed employment agencies.
- (B) The Engineer or Surveyor shall seek professional employment on the basis of qualification and competence for proper accomplishment of the work. An Engineer or Surveyor may submit proposed fee information prior to selection.
- (C) The Engineer or Surveyor shall not falsify or permit misrepresentation of his, or his associates', academic or professional qualifications. He shall not misrepresent or exaggerate his degree of responsibility in or for the subject matter of prior assignments.
- (D) Brochures or other presentations incident to the solicitation of employment shall not misrepresent pertinent facts concerning employers, employees, associates, joint-ventures, or his or their past accomplishments with the intent and purpose of enhancing his qualifications and his work.

#### 4733-35-07: Improper Conduct

(A) The Engineer or Surveyor shall not sign and/or seal professional work for which he does not have personal knowledge and direct supervisory control and responsibility.

(B) The Engineer or Surveyor shall not knowingly associate with, or permit the use of his name or firm name in, a business venture by any person or firm which he knows, or has reason to believe, is engaging in business or professional practices of a fraudulent or dishonest nature.

(C) If the Engineer or Surveyor has knowledge or reason to believe that another person or firm is guilty of violating any of the provisions of Chapter 4733, Ohio Revised Code, or any of these Rules of Professional Conduct, he shall present this information to the Board in writing.

#### 4733-35-08: Other Jurisdiction

Conviction of a felony without restoration of civil rights, or the revocation or suspension of a Professional Engineer's or Surveyor's license by another jurisdiction, if for cause which in the State of Ohio would constitute a violation of Ohio Statute 4733 or of these Rules, shall be grounds for a charge of violation of these Rules.



## EXHIBIT II

### Description: Interior of Applied Science Building

The ground floor of the engineering building is devoted to laboratories of mechanics and heat. Equipment includes a 400,000-pound Olson testing machine, a variety of machine tools, such as drills, shapers, saws, etc., fans and compressors, steam engines and pumps, and an ample supply of gauges, tubes, and other equipment.

The college has three electrical laboratories, two of which are located on the second floor of the engineering building. The equipment is such that the college is enabled to offer a broad program of practical electrical experimentation. A five-kilowatt motor-generator set, for example, has two interchangeable armatures for extending the range of electrical principles which may be studied with it. It may also be driven by a separate slip-ring induction motor, rather than by its own synchronous motor. Transformers, including those designed for phase transformation, single-, two-, and three-phase motors up to 20 H. P., and meters, controllers, reactors, etc. are included to make possible a large variety of theoretical and practical experiments. The third laboratory is located on the third floor and is used for electronic experimentation. The equipment consists of various representative vacuum, gaseous, and vapor tubes. Cathode ray oscillograph is available for the study of waveforms. The laboratory is well equipped with loading and adjustable resistors, condensers, and inductors. Meters are available for precision measurement.

Reference: Youngstown College Catalog for 1944-45 and 1945-46 (a single catalog). The catalog for 1942-43 describes the ground floor and second floor laboratories as above, and also two laboratories used in flight training as part of the Civilian Pilot Training Program. No catalog was published for 1943-44.

### EXHIBIT III

#### Description: Interior of William Rayen School of Engineering

The William Rayen School of Engineering was made available to Youngstown College in January, 1946. This building now accommodates the classes in mathematics, physics, and engineering.

The basement in the rear of the building consists of two large rooms, 68 by 32 feet. One of these is used for housing some of the power-generating equipment and the auxiliary equipment required for the mechanical engineering laboratory located on the floor above. The former consists of a 25-kw Cummings diesel driven generator, two vertical engine driven generators, 10 kw and 20 kw, and several smaller gasoline engine driven units. The other room is used for the metallurgical laboratory. It contains electrical heat treating and melting furnaces, precision pyrometers, a 250,000 volt lead shielded X-Ray machine, and a well-equipped machine shop for general metal working. Two large classrooms, adequately lighted, are in the basement at the front of the building. One of these is used for a mechanical drawing room.

The main floor consists of four well-lighted classrooms, a study room, a library of technical books, the mechanical engineering laboratory, and the materials testing laboratory. The mechanical engineering laboratory contains a 60-kw turbogenerator, a 35-kw horizontal engine-driven generator, a large pumping section for studying the characteristics of centrifugal pumps, a commercial installation of refrigeration and air-conditioning units set up for experimentation, together with a motor-driven blower set up for determining the flow of air in ducts. Adjacent to the laboratory is a boiler room for the supply of steam in the study of thermodynamics and power engineering. The strength of materials laboratory houses a 400,000-pound Olsen tensile testing machine, a 60,000-pound Riehle testing machine, a 10,000-pound Baldwin Southwark tester, and Fairbanks-Morse concrete briquet testing equipment. The laboratory also has Rockwell, Brinell, and Scheroscope hardness testing equipment and a variety of high precision measuring instruments.

On the second floor are located the engineering drawing rooms, the physics laboratory and classroom, and the electrical laboratories. The two drawing rooms, 40 x 40 feet, are lighted with fluorescent streamers the full width of the rooms and are furnished with modern drafting room equipment. The physics laboratory, 68 x 38 feet, has ample floor space and head room for the use of the wide variety of experimental apparatus with which it is equipped. The laboratory has been furnished with apparatus which will permit the performance of the college grade experiments as published by the Central Scientific Company. Due to the large size of the laboratory, the major equipment is completely assembled and available at all times for experimentation. The laboratory is wired for direct current, single- and three-phase alternating current. The physics classroom connects directly with the laboratory, a feature appreciated by student and teacher alike. In this room the demonstration-lecture table is provided with the usual gas, current, and water together with a variety of large-scale demonstration equipment. Visual aids, motion pictures, and slide films are used to supplement the demonstrations.

The electronic laboratory is located on the second floor for the experimental work in electron dynamics and electronic applications. Various oscillators, high-frequency generators, tubes, transformers, condensers, wave meters, and other apparatus are available for student use. The main electrical engineering laboratory is located next to the electronic laboratory and it consists of a room 68 by 38 feet. In the electrical engineering laboratory next to the electronic laboratory is located a double-generator, motor-driven set. This generator is capable of supplying 4,500 volts of direct current for electronic tube plate application in the electronic laboratory. A five-kw motor generator with two interchangeable armatures for extending the range of

electronic principles is available for student use. It may also be driven by a separate slip-ring induction motor rather than by its own synchronous. This motor generator set is designed especially by the Westinghouse Electric Corporation for educational institutions and a variety of experiments on rotating machines can be performed with this equipment.

Reference: Youngstown College Catalog for 1947-48, 48-49 and 49-50. Also, Youngstown College Neon for 1950.

## EXHIBIT IV

### Description: Interior of Engineering Science Building

The Engineering Science Building is the home of the William Rayen School of Engineering. The use of the building was a gift to the university by the people of Ohio as enacted by the Ohio Legislature in 1965. The building was completed in 1968 after the University became Youngstown State University. It contains 171,000 square feet of usable floor space which includes 48 laboratories, 30 classrooms, and eight research and development rooms.

The school's spacious laboratories have modern equipment for standard experiments and advanced study in many fields. There is a 288-seat auditorium, facilities for closed circuit television, and a computer center. The school also operates a machine shop to construct equipment used in research activities. The ample drawing rooms, classrooms, and offices are entirely modern.

The Chemical Engineering Unit Operations Laboratories are located in the Engineering Science Building and the Ward Beecher Science Building.

There are six laboratories which are equipped with bench scale and pilot plant equipment to be used for heat and mass transfer and chemical reactions. The available facilities include an analog computer, pneumatic controllers, chemical reactor, distillation and absorption columns, double effect evaporator, grinding and crushing mills, rotary and vacuum tumble dryers, vacuum leaf and plate frame filters, extraction units, and a gas chromatograph.

The Civil Engineering Laboratories include the following: a concrete laboratory, an environmental engineering laboratory, an incompressible fluids laboratory, a photogrammetry laboratory, a soil mechanics laboratory, a strength of materials laboratory, and a surveying laboratory.

The concrete laboratory is equipped to do routine testing and research related to effects of static, dynamic, and impact loads.

The environmental engineering laboratory is equipped to perform bacteriological, chemical, and physical tests and research on water and waste-water.

The incompressible fluids laboratory is equipped to perform a variety of fluid flow experiments. The equipment includes a self-contained flume, 4' x 3' x 60' long, an 80' x 4' x 4' flow channel, and a constant-head standpipe.

The photogrammetry laboratory is equipped with a Kelsh Plotter and auxiliary equipment.

The strength of materials laboratory is equipped to perform strength tests on materials. The equipment includes a 600,000-pound Universal Testing Machine, three 120,000-pound Universal Testing Machines, three torsion machines, as well as a variety of smaller testing machines.

The surveying laboratory is equipped for instruction in the care and use of all surveying instruments and calculating machines.

The Electrical Engineering Laboratories include a circuits laboratory, basic electronics laboratory, physical electronics laboratory, quantum electronics laboratory, networks and

communications laboratory, switching circuits and communications laboratory, electromagnetic energy conversion laboratory, controls laboratory, and fields laboratory, all of which have an ample supply of standard and specialized equipment.

The electronics laboratories contain signal generators; oscilloscopes; equipment for the study of thin films, thick films, and membranes; XY recorders; ruby and helium-neon lasers; vacuum systems; optical benches; monochromators; spectrophotometers; spectrographs; an array of beam-splitters; optical attenuators; and Q-switches.

The communications laboratories contain a variety of signal generators, frequency analyzers, transmission lines, breadboard modules, and a digital computer.

The electromagnetic energy conversion laboratory has available generalized machines, magnetic core devices, rotating amplifiers, torque translators, and a variety of frequency and speed instruments.

The controls laboratory includes a variety of circuit components, amplifiers, analog computers, a function follower, and function generators.

The fields laboratory has available microwave generators, wave guides, meters, antennae, a shielded room, and a large roof area for tracking radiation and solar experiments.

The Mechanical Engineering Department maintains eight laboratories in the Engineering Science Building. Located on the first floor are laboratories for thermodynamics, heat transfer, compressible fluids, internal combustion engines, and photoelasticity. Laboratories for heat power, experimental machine design, and vibrations are located in the basement.

The laboratories for the heat and flow areas of study contain such major apparatus as a steam power plant; subsonic and supersonic wind tunnels; conduction, convection, and radiation heat transfer units; a 90-horsepower gas turbine with test stand; commercial refrigeration and air conditioning units; various internal combustion engines; steam boiler, engine, and turbine; and gas analyzers.

The laboratories in the mechanical design area of study are equipped with apparatus necessary for static, dynamic, and impact stress analysis by methods employing electrical strain gages, photoelasticity, and brittle lacquers; a long-time creep tester; fatigue testers; vibration sources with analyzers and recorders; and an analog computer.

The Metallurgical Engineering Laboratories, located in the basement and first floor of the Engineering Science Building, include a field-ion microscope laboratory, electron microscope laboratory, multipurpose radio-isotope analysis, counting system, diffusion laboratory, radiograph laboratory, x-ray laboratory, phase transformation laboratory, calorimetric laboratory, metallographic laboratory, high pressure and high temperature laboratory, ultrasonic laboratory, electric and magnetic properties laboratory, special process metallurgy laboratory, zone melting laboratory, welding laboratory, electrometallurgy laboratory, alloy preparation laboratory, single crystal laboratory, and a general mineral beneficiation laboratory.

The various metallurgical laboratories are equipped for all phases of metallurgical studies with the latest modern equipment, which includes a modified calorimeter with special accessories such as a quartz thermometer, sophisticated adiabatic calorimeter, and modern electronic devices; heat treatment facilities such as salt pots and electric furnaces; dark room facilities; large metallographs; microscopes; rolling mills and forming equipment; electron beam zone refiner; induction furnaces; grinding equipment; mounting presses; motorized specimen

polishers; specimen etching facility; sectioning tools; a collection of more than 400 prepared specimens; hardness testers; and high-speed cut-off machines.

Reference: Youngstown State University Bulletin: Catalog Issue for 1968-69; pages 160 and 161.

APPENDIX AColleges and Universities

<u>Name and Location</u>	<u>Code</u>	<u>Yr.Est.</u>
Air Force Institute of Technology, Wright-Patterson AFB, OH	f, e	1946
University of Akron, Akron, OH	so, e, t	1870
Beaver College, Glenside, PA	p	1853
Bowling Green State University, Bowling Green, OH	so	1910
Carnegie Mellon University, Pittsburgh, PA	p, e	1900
Case-Western Reserve University, Cleveland, OH	p, e	1880-1826
Central State College, Wilberforce, OH	so, e	1887
Cincinnati Technical College, Cincinnati, OH	p, t	1966
University of Cincinnati, Cincinnati, OH	so, e, t	1819
Cleveland State University, Cleveland, OH	so, e	1923
University of Dayton, Dayton, OH	c, e, t	1850
Gannon University, Erie, PA	p, e	1925
Geneva College, Beaver Falls, PA	p	1848
Grove City College, Grove City, PA	c, e	1876
Hiram College, Hiram, OH	p	1850
Kent State University, Kent, OH	so	1910
Kent State University, Tuscarawas Campus, New Philadelphia, OH	so, t	1962
Marietta College, Marietta, OH	p, e	1835
Miami University, Oxford, OH	so, e	1824
Oberlin College, Oberlin, OH	p	1833
Ohio Northern University, Ada, OH	c, e	1871
Ohio State University, Columbus, OH	so, e	1870
Ohio University, Athens, OH	so, e	1804
Owens Technical College, Toledo, OH	so, t	1967
Pennsylvania State University, University Park, PA	s, e	1855
University of Pittsburgh, Pittsburgh, PA	s, e	1787
Sinclair Community College, Dayton, OH	p, t	1887
Slippery Rock State College, Slippery Rock, PA	s	1889
Stark Technical College, Canton, OH	so, t	1960
Thiel College, Greenville, PA	c	1866
University of Toledo, Toledo, OH	so, e, t	1872
Westminster College, New Wilmington, PA	c	1852
West Virginia University, Morgantown, WV	s, e	1867
West Virginia Institute of Technology, Montgomery, WV	s, e, t	1895
Wright State University, Dayton, OH	so, e	1964
Youngstown State University, Youngstown, OH	so, e, t	1908

Code Legend:      so – Ohio State System                      e – ABET Accredited for Engineering  
                             s – Other State Institutions                      t – ABET Accredited for Engineering Technology  
                             f – Federal Institutions  
                             p – Private Institutions  
                             c – Church Institutions

## APPENDIX B

### National Engineering Organizations

<u>Name</u>	<u>Code</u>	<u>Yr.Est.</u>
AAEE American Academy of Environmental Engineers	ABET-pr	1955
ACSM American Congress on Surveying and Mapping	ABET-pr	1941
AIAA American Institute of Aeronautics and Astronautics, Inc.	ABET-pr	1931
AIChE American Institute of Chemical Engineers	ABET-pr	1908
ANS American Nuclear Society	ABET-pr	1954
ASAE American Society of Agricultural Engineers	ABET-pr	1907
ASCE American Society of Civil Engineers	ABET-pr	1852
ASEE American Society for Engineering Education	ABET-pr	1893
ASHRAE American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.	ABET-pr	1894
ASME American Society of Mechanical Engineers	ABET-pr	1880
IIE Institute of Industrial Engineers, Inc.	ABET-pr	1848
IEEE The Institute of Electrical and Electronics Engineers	ABET-pr	1884
TMS The Minerals, Metals, and Materials Society	ABET-pr	1959
NCEES National Council of Examiners for Engineering and Surveying	ABET-pr	1920
NICE National Institute of Ceramic Engineers	ABET-pr	1938
NSPE National Society of Professional Engineers	ABET-pr	1934
SAE Society of Automotive Engineers	ABET-pr	1905
SME Society of Manufacturing Engineers	ABET-pr	1932
SME (of AIME) Society for Mining, Metallurgy, and Exploration, Inc.	ABET-pr	1959
SNAME Society of Naval Architects and Marine Engineers	ABET-pr	1893
SPE Society of Petroleum Engineers	ABET-pr	1959
ISA Instrument Society of America	ABET-as	1945
ACEC American Consulting Engineers Council	ABET-af	1973
AIME American Institute of Mining, Metallurgical, and Petroleum Engineers (Consists of TMS, SME, SPE, and the Iron and Steel Society)	ABET-af	1871
ASNT American Society of Nondestructive Testing	ABET-af	1941
ASSE American Society of Safety Engineers	ABET-af	1911
SPIE Society of Plastics Engineers	ABET-af	1942
SWE Society of Women Engineers		1950
AWS American Welding Society		1919
ASQC American Society for Quality Control		1946
ASM American Society for Metals		1913

Code Legend: ABET – Accreditation Board for Engineering and Technology  
 pr – Participating Body  
 as – Associate Body  
 af – Affiliate Body



APPENDIX C

Local Engineering Organizations

<u>Name</u>		<u>Code</u>	<u>Yr.Est</u>
AIChE	American Institute of Chemical Engineers	MVTSC	
AIPE	American Institute of Plant Engineers	MVTSC	
AISE	Association of Iron and Steel Engineers	MVTSC	
APICS	American Production and Inventory Control Engineers	MVTSC	
ASCE	American Society of Civil Engineers	MVTSC	1957
ASM	American Society of Metals (Warren)	MVTSC	
ASM	Association of Systems Management (Steel Valley)	MVTSC	
ASME	American Society of Mechanical Engineers, Youngstown Section	MVTSC	1928
ASNT	American Society of Nondestructive Testing	MVTSC	
ASSE	American Society of Safety Engineers	MVTSC	
AWS	American Welding Society	MVTSC	
IIE	Institute of Industrial Engineers	MVTSC	
MVSPE	Mahoning Valley Society of Professional Engineers	MVTSC	1935
AIIE	American Institute of Industrial Engineers, Youngstown Section		

Code: MVTSC – Mahoning Valley Technical Societies Council Membership

APPENDIX DFACULTY

<u>Name and Degree</u>	<u>Area</u>	<u>PT/FT</u>	<u>Year(s)</u>
Abboud, Pierre, M.S.E.E.	Elec. Engr. Tech.	PT	84-87
Abraham, Martin A., Ph.D.	Dean, STEM	FT	07-08*
Ahmed, Shaffiq-Uddin, Ph.D.	Met. Engr.	FT	61-96
	Chairman, Met. Engr.		68-71
Airato, Scott A., M.S.	Civ./Envr. Engr.	PT	01-02
Akut, Prakash, M.B.A.	Comp. Tech.	PT	84-87
Alam, Javed, Ph.D.	Civ. Engr.	FT	83-93
	Civ. & Envr. Engr.		93-96
	Civ./Envr. & Chem. Engr.		93-08*
Alexander, Charles K., Ph.D.	Elec. Engr.	FT	73-80
Anderson, Glen R., M.S.	Civ./Envr. Engr.	PT	04-06
Arnett, Donald Raymond, M.S.	Mech. Engr.	FT	63-93
Arthur, John H., B.S.E.E.	Elec. Engr.	FT	49-51
Ashmus, Donald H., M.S.Ch.E.	Chem. Engr.	FT	56-57
Attwood, Brian	Met. Engr. & Mat. Sci.	PT	69-71
Ault, Wayne Edward, B.S.E.E.	Civ. & Elec. Engr.	PT	56-68
Babcock, Donald E., Ph.D.	Chemistry	PT	46-49
Bacon, Belinda A., M.S.	Civ./Envr. Engr.	PT	03-04
Bagheri, Mahammad Ali, M.S.	Elec. Engr.	PT	82-83
Baker, Raymond L., B.E.	Ind. Engr.	PT	57-65
Bakos, Jack David, Ph.D.	Civ. Engr.	FT	70-00
	Chairman, Civ. Engr.		80-93
	Chair., Civ. Engr.		80-93
	Chair., Civ./Envr. Engr.		93-96
	Chair., Civ./Envr. & Chem. E.		96-00
	Civ./Envr. Engr.	PT	00-06
Barbari, Elie L.	Elec. Engr. Tech.	PT	87-88
Barsch, William Otto, Ph.D.	Mech. Engr. Tech.	FT	70-96
	Coord., Mech. Engr. Tech.		70-82
	Chair., Engr. Tech.		82-95
	Mech. Engr. Tech.	PT	96-97
Bartholomy, Richard	Engr. Tech.	PT	99-07
Bassil, I.	Elec. Engr. Tech	PT	86-88
Bassil, N.	Elec. Engr. Tech.	PT	87-88
Baun, Mark Douglas, M.Sc.	Civ. Engr. Tech.	PT	93-00
Becker, Carl E.	Civ. Engr.	PT	68-69
Beddall, Edward A., B.S.	Applied Science	PT	42-43
Beede, Dwight V., B.S.	Engr. Drwg.	PT	30-33
Bellama, Edey Joseph	Elec. Engr. & Drwg.	PT	49-53
Bellini, Paul X., Ph.D.	Civ. Engr.	FT	69-82
Benkner, Karl H., M.E.	Mech. Drwg.	FT	42-62
Beraduce, Kenneth J., B.S.A.S.	Comp. Tech.	PT	83-89
Beranek, Bruce P.	Engr. Tech.	PT	72-73
Besner, David J., Ph.D.	Civ. Engr.	FT	70-71
Bhada, Robinton K., Ph.D.	Chem. Engr.	PT	83-84
Bisson, Brian	Engr. Tech.	PT	98-99
Blake	Elec. Engr. Tech.	PT	85-86

Block, Donald, B.S.I.E.	Ind. Engr.	PT	52-57
Bodi, Thomas W., B.Arch.	Civ. Engr. Tech.	PT	90-91
Bodnovich, Thomas A., M.S.	Comp. Tech.	FT	89-93
	Comp. & Info. Sys.		93-08*
Bolkovac, William D., M.S.	Mech. Engr. Tech.	PT	84-86
Bomberger, Howard	Met. Engr. & Mat. Sci.	PT	69-71
Bomberger, Howard, Ph.D.	Mech. Engr.	PT	96-97
Bosela, Paul A., M.S.	Civ. Engr.	PT	83-85
Bosela, Theodore R., Ph.D.	Elec. Engr. Tech	FT	88-01
	Dir. Tech.		98-01
	Coord., Elec. Engr. Tech.		91-07
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	Applied Science	PT	40-43
	Mech. Engr.	FT	80-84
Bostwick, Donald, B.S.	Comp. Tech.	PT	80-95
Botros, Peter E., Ph.D.	Comp. Tech.	PT	88-89
Boyarko, George A., B.S.A.S.	Engr. Tech.	PT	05-06
Brogley, Kevin, B.S.	Engineering	PT	47-48
Bowers, Scott	Mech. Drwg.	PT	60-74
Brown, Graham B., B.E.E.	Elec. Engr. Tech.	PT	84-87
Browne, Chester H., B.E.	Mech. Engr. Tech.	PT	84-87
Burke, James M., B.S.A.S.			92-93
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Cala, Martin, Ph.D.	Ind. Engr.	FT	92-08*
	Coord., Ind. & Sys. Engr.		99-08*
Cantarell, Michael D., M.S.	Mech. Tech	FT	07-08*
Cantelmo, Mika A., B.S.	Mech. Engr. Tech.	PT	84-91
Caraccia, Anne V., B.S.	Drftg. Des. Tech.	PT	83-86
Caraccia, Joseph, B.E.	Elec. Engr. Tech.	PT	84-87
Carbaugh, Danial	Engr. Tech.	PT	02-03
Carfora, Ralph V.	Engr. Tech.	PT	00-08
Carhart, Clarence M., B.S.C.E.	Mech. Drwg. & Math.	PT	28-53
Cario, Marne, Ph.D.	Ind. Engr.	PT	96-98
Carle, Harold Rexford, B.C.E.	Civ. Engr.	PT	53-56
Cavin, Robert W. Jr., B.E.E.	Elec. Engr. Tech.	PT	84-90
Cernica, John N., Ph.D.	Civ. Engr.	FT	58-90
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	Chair., Civ. Engr.		60-71
	Civ./Envr. Engr.	PT	00-06
	Elec. & Mech. Engr.	FT	50-78
Charignon, Michael Jean, Ph.D.	Asst. Dean, Engr.		51-56
	Head, Mech. Engr.		55-56
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Chrobak, Theodore S., M.S.	Chem. Engr.	FT	64-70
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Cheney, George E., B.E.E.			
Chidamber, Shyam, R., M.S.			
Ciminero, Ronald N., M.S.			

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Collins, Ian, Ph.D.	Civ. Engr.	PT	82-83
Conrad, Sean	Engr. Tech.	PT	04-05
Cornwell, Leonard R.	Met. Engr. & Mat. Sci.	PT	71-72
Costarell, Michael	Engr. Tech.	PT	00-04
Courtney, Thomas H., Sc.D.	Met. Engr.	PT	66-67
Cowan, Walter Y., M.B.A.	Comp. Tech.	PT	83-86
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Cox, B. T.	Engineering	PT	49-50
Crane, Robert L., B.S.	Physics	FT	48-49
Crum, Donald	Engr. Tech.	PT	02-03
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Crum, Ralph G., Ph.D.	Coord., Civ. Engr. Tech.	FT	70-96
Civ. Engr. Tech.		PT	96-00
Culler, James A., M.S.	Civ. Engr.	FT	82-85
		PT	91-95
Culley, John Hugh, B.S.C.E.	Civ. Engr.	PT	53-55
Damshala, Prakash Rao, Ph.D.	Mech. Engr.	FT	78-82
Dance, Robert, B.S.M.E.	Engr. Tech.	PT	84-85
Dandapani, Ramaswami, Ph.D.	Comp. Tech. & Comp. Sci.	FT	75-79
D'Angelo, John N., B.E.	Engr. Drwg.	PT	62-81
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Dann, Walter M., M.E.E.E.	Elec. Engr.	FT	48-49
Dannessa, Domenic A., M.S.	Mech. Engr.	PT	83-85
Daum, Frank R., B.S.	Ind. Engr.	PT	50-52
Davidson, Frank C., M.B.A.	Comp. Tech.	PT	87-92
Davidson, Thomas R., B.S.	Comp. Tech.	PT	87-96
DeChant, Gerald	Engr. Tech.	PT	00-05
Dechant, Gerald R., B.S.A.S.	Elec. Engr. Tech.	PT	89-96
Deesz, Louis A., E.E.	Elec. Engr.	PT	40-43
	Dean, Engineering	FT	44-50
DeHart, Lester Edgar, B.S.C.E.	Civ. Engr.	PT	55-56
Deuchler, Luman Youngs, M.S.	Mech. Engr.	FT	59-62
Devletian, Jack H., Ph.D.	Chem. Engr. & Mat. Sci.	FT	73-79
Dew, Rick A., B.S.A.S.	Mech. Engr. Tech.	PT	94-96
DiLiello, Laura K., M.S.E.	Elec. Engr. Tech.	PT	88-89
D'Isa, Frank A., Ph.D.	Mech. Engr.	FT	47-92
	Head, Mech. Engr.		56-60
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	Actg. Dean, Grad. Schl.		70-71
	Engr. Drwg.	PT	93-94
Doerling, John F., B.S.E.E.	Elec. Engr.	PT	55-60
Doll, Denton T., M.S.	Math. & Engr.	FT	33-41
Donahue, Caroline T., B.E.	Elec. Engr. Tech.	PT	84-85
Dubos, John M., M.B.A.	Comp. Tech.	PT	90-96
Downie, Douglas, M.S.	Civ. Engr.	PT	56-66
Driscoll, Wade C., Ph.D.	Ind. Engr.	FT	72-07
	Chair., Ind, Engr.		83-93
	Chair., Ind. & Sys. Engr.		93-95
	Coord., Ind. & Sys. Engr.		04-05
	Ind. & Sys. Engr.	PT	05-08
Dubos, John	Ind. & Sys. Engr.	PT	96-07
Duca, Stephen V., M.S.	Elec. Engr.	PT	82-83

Dundics, Thomas	Engr. Tech.	PT	03-05
Elias, Thomas I., Ph.D.	Mech. Engr.	FT	83-89
Elliott, Michael	Engr. Tech.	PT	03-04
Ellis, Frank M., M.S.	Engr. and Phys.	FT	46-77
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	Dir., Science & Math.		63-65
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Eppinger, Robert D., B.S.	Comp. Tech.	PT	90-92
Erste, John	Engr. Tech.	PT	96-08
Erzurum, Halil, M.S.	Mech. Engr.	PT	61-66
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Esseniyyi, Alexander	Engr. Tech.	PT	98-99
Estes, Edward R.	Civ. Engr.	PT	73-74
Evans, Paul Jr., M.S.	Elec. Engr.	PT	49-52
Everest, David H., B.S.I.E.	Engr. Drwg.	PT	42-43
Evers, Dillon, Ph.D.	Met. Engr.	PT	60-62
Fabian, Stephen	Engr. Tech.	PT	00-01
Fercenko, Richard	Engr., Tech.	PT	03-05
Filatovs, George J., Ph.D.	Met. Engr.	FT	69-72
Fisher, Edward J. P., B.S.	Met. Engr.	FT	50-68
	Head, Met. Engr.		55-60
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Fives, Frank M., B.S.M.E.	Physics	PT	41-42
Fleder, Adam R., B.S.E.T.	Elec. Engr. Tech.	PT	88-89
Foard, Castle W. Ph.D.	Math. and Physics	FT	30-43
Fok, Thomas D. Y., Ph.D.	Civ. Engr.	FT	59-68
Folta, Lawrence W., M.B.A.	Comp. Tech.	FT	71-72
Foulkes, Robert H. Jr., Ph.D.	Elec. Engr.	FT	71-05
	Chair., Elec.		82-84
Fowles, Clifford E., B.S.	Engr. Drwg.	PT	42-48
Franklin, Edward C., B.S.C.E.	Dean, Engineering	FT	54-56
	Head, Civ. Engr.		54-56
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Freaney, John P., B.S.A.S.	Comp. Tech.	PT	81-83
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Frazer, Robert H., B.S.	Met. Engr.	PT	60-62
Fries, Gerald, B.E.E.	Elec. Engr.	PT	47-51
Fullum, Jerry	Engr. Tech.	PT	01-02
Fuzo, John V., B.E.	Elect. Engr. Tech.	PT	84-89
Gagich, Robert Jr., M.S.	Civ. Engr.	PT	82-83
Gagliano, John, B.S.	Mech. Engr. Tech.	PT	87-91
Gallo, Johnathon	Engr. Tech.	PT	98-08
Garcar, David, B.S.A.S.	Elec. Engr. Tech.	PT	85-86
Garcar, Robert Jr., M.S.	Elec. Engr. Tech.	PT	85-88
Garchar, Edward	Engr. Tech.	PT	03-08
Garchar, Edward, B.S.A.S.	Mech. Engr. Tech.	PT	85-91
Gardner, Steve R., Ph.D.	Coord., Elec. Engr. Tech.	FT	70-96
	Elec. Engr. Tech.	PT	96-97
Garr, Jeanette M., Ph.D.	Chem. Engr.	FT	94-08*
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Garton, Laurie	Civ. & Envr. Engr.	FT	96-02
Schrieber, M.E.			
Gaydos, Richard J., M.S.	Comp. Tech.	FT	82-94
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Gerba, Albert M.	Comp. Tech.	PT	69-71
George, John H., M.S.	Mech. Tech.	FT	01-05
Ghaffarzadeh, Mehdi, M.S.	Civ. Engr.	FT	69-70
Ghazi, Hassan S., Ph.D.	Mech. Engr.	FT	81-82
Gibbs, Jesse B., B.S.	Elec. Engr.	PT	51-52
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Gibson, David R., B.S.A.S.	Drftg. Des. Tech.	PT	85-92
Gibson, John M.	Chem. Engr.	PT	05-08*
Goncz, Joseph Frank Jr., M.S.	Elec. Engr.	FT	63-70
Gonzalez, Pastor S., M.S.	Ind. Engr.	FT	69-71
Good, John B., B.S.	Mech. Engr.	PT	82-83
Good, Walter E., M.B.A.	Ind. Engr.	PT	82-89
	Engr. Drwg.	PT	90-93
Grabski, John D., B.S.M.E.	Mech. Engr.	FT	47-52
Grayson, Randall	Engr. Tech.	PT	97-06
Grimes, Ernest A., B.E.E.	Elec. Engr.	PT	52-55
Grist, Wallace Samuel, B.E.	Mech. Engr.	FT	57-59
Grizzi, Phillip	Elec. Engr.	PT	99-00
Gross, Arnold, B.M.E.	Engr. Drwg.	FT	49-50
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Gross, Daryl D., M.B.A.	Mech. Engr. Tech..	PT	90-08
Guffey, John W., B.E.	Ind. Engr.	PT	64-68
Guillett, Warren, M.B.A.	Ind. Engr.	PT	83-84
Guzan, Kimberly, A.	Chem. Engr.	PT	01-03
Hage, C. Herbert	Engr. Tech.	PT	72-73
Hagigat, Michael K., Ph.D.	Mech. Engr.	FT	92-93
Halick, Edward Stephen, B.E.	Mech. Engr.	PT	92-93
Hankey, Frank Albert, Ph.D.	Elec. Engr.	FT	70-74
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Hans, Richard	Engr. Tech.	PT	97-05
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Hart, John W., B.S.Ed.	Comp. Tech.	PT	84-86
Hassan, Ameer, M.S.	Mech. Engr.	FT	88-90
Havas, George	Engr. Tech.	PT	00-01
Hawthorne, Samuel E.	Engr. Tech.	PT	70-74
Hayward, John. C., Ph.D.	Civ. Engr.	PT	85-86
Heindlhofer, Kalman, Ph.D.	Met. Engr.	PT	59-68
Hendrickson, Tedford M., B.M.E.	Mech. Engr.	PT	50-57
Herbstritt	Elec. Engr. Tech.	PT	85-86
Herlinger, George R., B.S.A.S.	Mech. Engr. Tech.	PT	91-93
Herndon, Thomas C., Ph.D.	Comp. Tech.	FT	72-75
Hertz, Cynthia S.,	Dean, Engr.	FT	02-07
Ph.D.	Civ./Envr. and Chem. Engr.		02-08
Hibbler, Russell C., Ph.D.	Civ. Engr.	FT	69-72
Hogan	Comp. Tech.	FT	89-94
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Hogue, Robert A., M.S.	Comp. Tech.	FT	89-93
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Holland, James	Engr. Tech.	PT	04-06
Houck, Hugh N., B.S.I.E.	Ind. Engr.	PT	52-57
Householder, Michael K., Ph.D.	Civ. Engr.	FT	69-79
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Howard, Leland	Engr. Tech.	PT	70-71
Hoxworth, Ronald J., M.B.A.	Comp. Tech.	PT	79-87
Hsiao, Ten-Chuan, Ph.D.	Elec. Engr. Tech.	FT	83-85
Hughes, Arthur V., M.S.	Engineering	PT	49-50
Hughes, Myron A.	Met. Engr.	PT	42-43
Hurayt, Gerald	Ind. & Sys. Engr.	PT	95-96
Husain, Shakir, Ph.D.	Civ. Engr.	FT	89-93
	Civ. & Envr. Engr.		03-08*
Hyden, John	Engr. Tech.	PT	02-07
Islam, A.K.W. Anwarul, Ph.D.	Civ. & Envr. Engr.	FT	06-08*
Iyer, Muralidharan R., M.S.	Comp. Tech.	FT	85-89
Jalali, Jalal, Ph.D.	Elec. Engr.	FT	85-08*
	Chair., Elec. & Comp. Engr.		93-08*
Jamison, Mark	Chem. Engr.	PT	98-99
Janeshak, Bill J.	Engr. Tech.	PT	73-74
Jeffers, George Karl, B.E.	Met. Engr.	PT	65-66
Johnson, Harold N., A.M., L.L.B.	Math. & Engr. Drwg.	PT	47-61
		FT	61-69
Johnstone, David W., M.S.	Civ./Envr. Engr.	PT	06-08*
Johntony, John	Engr. Tech.	PT	98-99
Jone, Louis Philip, M.E.	Mech. Engr.	FT	56-58
Jones, Richard W., Ph.D.	Met. Engr. & Mat. Sci.	FT	69-96
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	Chem. Engr.	PT	99-01
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Kahn	Civ. & Envr. Engr.		93-08*
Karrer, Carl W.	Engr. Tech.	PT	71-72
Kearns, John L., Ph.D.	Ind. Engr.	FT	71-84
Keck, Arlin D., M.S.	Civ. Engr. Tech.	PT	84-92
Kennedy, Todd	Engr. Tech.	PT	98-05
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Kerr, Robert M., B.S.M.E.	Mech. Engr.	PT	49-55
Khan, Irfan Ahmad, Ph.D.	Civ. Engr.	FT	78-93
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Khaouli, Robert	Engr. Tech.	PT	97-98
Kim, Hyun W., Ph.D.	Mech. Engr.	FT	83-08*
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Kinkuyoe, Nicholas, M.S.	Engr. Tech.	PT	89-01
Kircher, Ralph	Engr. Drwg.	PT	37-41
Kitchen, Brian J., Ph.D.	Mech. Engr.	FT	90-92
Klaesius, Karl	Engr. Drwg.	PT	24-37
Klim, Paul	Civ. Engr. & Engr. Tech.	PT	68-73
Kline, Edward	Engr. Tech.	PT	07-08
Klingshirn, Eugene A., M.S.	Elec. Engr.	FT	49-61
Knapic, John J., B.S.A.S.	Elec. Engr. Tech.	PT	85-93
Knapik, John, B.E.	Ind. Engr.	PT	90-91

Komsa, Jack, B.S.A.S.	Comp. Tech.	PT	81-87
Kosling, Henry P.	Engr. & Geol.	PT	49-51
Kostelic, Thomas	Engr. Tech.	PT	96-97
			00-01
Kostrubanic, Robert M.	Ind. Engr.	PT	68-69
Kotas, John S., B.S.A.S.	Comp. Tech.	PT	87-88
Kovach, Paul John, M.S.	Met. Engr.	FT	62-64
Kowalczyk, Frank J., B.E.	Elec. Engr.	PT	60-71
Kramer, E. Raymond, M.S.E.E.	Elec. Engr.	FT	51-89
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Kroeger, William C., B.E.	Math. & Phys.	PT	49-57
Krompegal, John A., B.E.	Elec. Engr. Tech.	PT	84-87
Krygowski, Francis R., M.S.	Mech. Engr. Tech.	FT	81-96
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Koran, Stephen E., B.S.	Engineering	FT	46-48
Kudav, Ganesh, Ph.D.	Mech. Engr.	FT	89-08*
Kuhr, Hans J., M.S.E.E.	Elec. Engr. Tech.	FT	80-82
Kumar, Ajit, Ph.D.	Comp. Tech.	FT	82-93
Kumar, Ravi, Ph.D.	Elec. Engr. Tech.	PT	85-86
Kurtanich, David G.	Civ. Tech.	PT	93-97
MSCE	Civ. Tech.	FT	01-08*
	Coord., Civ. Tech.		02-08*
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Kurtanich, Joseph A.	Civ./Envr. Engr.	PT	03-08
Krygowski, Francis M.	Mech. Engr. Tech.	FT	81-07
M.S.	Coord., Mech. Engr. Tech.		82-07
Lackney, Joseph, Ph.D.	Civ. Engr.	PT	85-86
Laighlin, Richard	Engr. Tech.	PT	03-08
Lamb, Carol M.	Engr. Tech.	PT	04-05
	Engr. Tech.	FT	06-08*
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Lannon, Robert J., B.S.	Civ. Engr. Tech.	PT	86-87
Latif, Muhammad, Ph.D.	Elec. Engr.	FT	82-83
Lazor, Edward W., B.E.	Elec. Engr. Tech.	PT	84-87
Lazorishak, Frank	Engr. Tech.	PT	98-04
Lee, Hosin, Ph.D.	Civ. Engr.	FT	87-89
Lehman, John Grant, B.S.C.E.	Civ. Engr.	PT	53-56
Leonelli, Nick Joseph, B.E.	Mech. Engr.	PT	55-56
Lepore, Raymond, B.A.	Drftg. Des. Tech.	PT	84-86
			94-96
Leshner, Robert	Engr. Tech.	PT	00-01
Lewis, Douglas G.	Engr. Tech.	PT	84-98
BSAS			99-00
Lewis, Jeffrey	Ind. Engr.	PT	95-97
Liguore, Harry Myron, M.B.A.	Elec. Engr. Tech.	PT	84-94
Lim, Soon-Sik, Ph.D.	Chem. & Met. Engr.	FT	82-97
	Chair., Chem. & Met. Engr.		91-97
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Lisko, Dale	Engr. Tech.	PT	96-98
			99-00
Lohrasbi, Abbas, M.S.	Mech. Engr. Tech.	FT	83-86
Long, Robert E.	Engr. Tech.	PT	71-72
Look, Frederick W., Ph.B.	Civ. Engr.	FT	49-52



Look, Edith E. Swift, M.S.	Engr. Reports	PT	50-51
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Lorincz, Samuel, B.E.	Elec. Engr. Tech.	PT	86-87
Lovas, Charles Michael, Ph.D.	Mech. Engr.	FT	69-79
Luginbill, Paul C., M.S.	Chem. & Chem. Engr.	PT	46-48
		FT	48-71
	Head, Chem. Engr.		55-60
	Chairman, Chem. Engr.		60-71
Lumsdaine, Andrew, M.S.	Elec. Engr. Tech.	PT	85-86
MacAllise, Raymond J., B.E.	Elec. Engr.	PT	55-57
Madeyski, Andrew	Met. Engr. & Mat. Sci.	PT	70-72
Maga, Raymond A., M.S.	Mech. Engr. Tech.	PT	84-96
			96-07
	Mech. Engr.		99-00
Maguire, Dan, M.S.	Comp. Tech.	FT	85-89
Malak, Frank J., M.Litt.	Math. & Engr.	FT	47-76
	Actg. Head, Math.		57-60
	Actg. Chair., Math.		60-62
	Chairman, Math.		62-67
Mamula, Eli	Engr. Tech.	PT	04-08
Mandeville, David	Ind. Engr.	PT	69-70
Marcone, Arthur, B.E.	Ind. Engr.	PT	59-63
Marie, Hazel, Ph.D.	Mech. Engr.	FT	06-08*
Marrs, Cyril J., B.S.M.E.	Drftg. Des. Tech.	PT	84-93
Marsico, Richard J., B.S.	Comp. Tech.	PT	87-96
Martin, Charles A., Ph.D.	Mech. Engr.	FT	94-95
Martin, Scott, Ph.D.	Civ. Engr.	FT	85-93
	Civ. & Envr. Engr.		93-08*
	Chair., Civ./Envr. & Chem. Engr.		00-08*
Massman, Luther R., B.S.M.E.	Mech. Engr.	PT	49-53
Matasic, Richard J., B.E.	Civ. Engr.	FT	67-68
Matta, Raymond M., B.E.	Chem. Engr.	PT	82-83
Maul, Gary P., M.S.I.E.	Ind. Engr.	FT	78-82
Mavrigian, Gus, Ph.D.	Math. & Engr.	PT	55-57
		FT	57-92
Mazarkas, Arthur G., B.M.E.	Engr. Drwg.	PT	84-90
McBride, Roscoe C., A.M.	Metallurgy	PT	40-42
McCoy, Robert A., Ph.D.	Mech. & Met. Engr.	FT	81-07
		PT	07-08
McGinnis, John E., Ph.D.	Met. Engr. & Mat. Sci.	FT	71-72
McNamee, Robert G., M.S.	Phys. & Elec. Engr.	FT	63-67
McNinch, Michael D.	Chem. Engr.	PT	98-99
Mediate, Rocco A., B.E.	Mech. Engr. Tech.	FT	84-95
	Mech. Engr.	PT	96-98
Mehra, Kewal Krishan, B.S.M.E.	Mech. Engr.	FT	69-70
Mehri, Hojjat, Ph.D.	Ind. Engr.	FT	83-93
	Ind. & Sys. Engr.		93-98*
	Chair., Ind. & Sts. Engr.		85-99
Messuri, Anthony P., M.S.	Elec. Tech.	FT	86-08*
	Coord., Elec. Tech		07-08*
Messuri, Dominic A., Ph.D.	Elec. Engr. Tech.	PT	90-94
Michels, LeMoyne F., B.S.	Civ. Engr.	PT	63-65
Midgley, Wesley R., M.S.	Civ. Engr. Tech.	PT	84-86
Miholits, Ernest M., Ph.D.	Civ. Engr.	FT	68-70

Mirth, Richard A., Ph.D.	Civ. Engr.	FT	79-86
Mobley, Norman V.	Ind. Engr.	PT	71-72
Molnar, Dennis E., A.B.	Comp. Tech.	PT	84-86
Moody, Robert A., Ph.D.	Chem. Engr. & Mat. Sci.	FT	80-81
Moody, Robin, B.S.	Comp. Tech.	PT	89-90
Moore, Herbert D., B.Arch.	Drftg. Des. Tech.	PT	84-94
Moosally, Arthur Anthony, B.E.	Mech. Engr.	PT	55-56
Moroose, J. Vincent, Ph.D.	Comp. Tech.	FT	81-82
Morris, Floyd E., Ph.D.	Mech. Engr.	FT	71-79
Mossayabi, Faramarz, Ph.D.	Elec. Engr. Tech.	PT	84-88
Mossayem, Paramaz, Ph.D.	Elec. & Comp. Engr.	FT	03-08*
		PT	63-68
Mottinger, Byron W., E.E.	Engineering	FT	38-42
Muller, Herman E. Jr., B.S.M.E.	Phys. & Mech. Engr.	PT	44-52
Munro, Philip C., Ph.D.	Elec. Engr.	FT	75-96
Mosure, Thomas Francis, M.S.	Civ. Engr.	FT	59-62
Moy, Kin Pong, MS	Tech.	FT	06-08*
Munholand, Luke	Chem. Engr.	FT	99-01
Narbutovskih, Paul, Ph.D.	Elec. Engr.	PT	47-51
Neider, William	Engr. Tech.	PT	05-06 07-08
Nichol, Wilbur	Engr. Drwg.	PT	37-43
Nikkel, Henry	Met. Engr. & Mat. Sci.	PT	71-74
Nilsson, Nils	Engr. Tech.	PT	03-08
Nold, Derek	Engr. Tech.	PT	97-98
Oldash, William H., B.S.	Elec. Engr. Tech.	PT	85-86
O'Loughlin, John Rice, Ph.D.	Mech. Engr.	PT	55-57 59-60
Orlosky, Mark C., B.E.	Elec. Engr.	PT	82-85
Orning, Arnold D., M.S.	Mech. Engr.	PT	74-77
	Mech. Engr. Tech.		84-08
Orr, Thomas L.	Civ. Engr.	PT	73-74
Oyen, Leaf, B.S.C.E.	Engr. Drwg.	FT	46-49
Panko, William C., B.S.A.S.	Elec. Engr. Tech.	PT	89-96 97-03
Panzino, Salvatore R., Ph.D.	Elec. Engr.	FT	82-96
Chairman, Elec. Engr.			84-96
Paraska, Nicholas, Ph.D.	Civ. Engr.	FT	61-68
	Dean, Tech. & Com. Col.		68-82
Parker, Bertram S.	Engineering	PT	48-50
Parris, Joel, Ph.D.	Mech. Engr.	PT	85-86
Pastorak, Ronald L., Ph.D.	Met. Engr. & Mat. Sci.	PT	71-72
Patel, Ray	Ind. Engr.	PT	71-72
Patrinis, William, B.S.	Mech. Engr. Tech.	PT	84-86
Patterson, Gerald R., B.S.E.E.	Elec. Engr.	PT	58-59
Pejack, Edwin Ray, Ph.D.	Mech. Engr.	FT	68-79
Perkins, Arthur J., Ph.D.	Mat. Sci.	PT	72-73
Peterson, John C., Ph.D.	Elec. Engr.	FT	81-82
Petrek, John Edward, M.S.E.	Mech. Engr.	PT	55-59 59-85
Petro, William M., B.E.	Ind. Engr.	PT	67-68
Phillips, James E., M.S.	Met. Engr.	PT	48-69
Pierko, John P., M.S.	Civ. Engr. Tech.	PT	97-98 99-00

Politzer, Lawrence M., M.S.E.E.	Elec. Engr. Tech.	FT	83-90
Potor, Valentina, A.M.	Math. & Engr.	FT	46-52
Prichard, Paul Jason, B.I.E.	Ind. Engr.	PT	50-52
Prosenjak, John A., M.Ed.	Mech. Drwg.	PT	72-84
Purdy, Sam	Met. Engr. & Mat. Sci.	PT	69-73
Quatrano, Raymond L., B.E.	Elec. Engr.	FT	50-52
Quintiliani, Gerald D.	Mech. Engr.	PT	79-80
Rabosky, Joseph G.	Civ./Envr. Engr.	PT	02-03
Rademacher, Lawrence B.	Elec. Engr.	PT	52-55
Ramalingham, Kanapathy, M.S.	Mech. Engr. Tech.	PT	85-87
Ramhoff, Robert A., M.S.	Mech. Engr.	PT	78-79
Rao, Jayathirta, M.S.	Mech. Engr.	FT	94-95
Ratliff, Richard	Ind. Engr.	PT	71-72
Raub, Craig E., M.S.	Comp. Tech.	PT	87-93
Ray, Jeffery L., Ph.D.	Mech. Engr.	FT	93-96
Reed, John R., M.B.A.	Ind. Engr.	PT	82-85
Reeves, Craig Randolph, B.E.	Elec. Engr.	PT	85-86
	Elec. Engr. Tech.	PT	86-87
Repko, Paul	Ind. Engr.	PT	98-00
Reuben, M.S. in E.	Chem. Engr.	PT	46-55
Richley, J. Philip, B.E.	Civ. Engr.	PT	55-60
Richley, Victor A., Ph.D.	Elec. Engr.	FT	57-69
	Chairman, Engr. Tech.		69-82
	Dean, Col. Apl. Sci. & Tech.		82-91
	Elec. Engr. Tech.	PT	91-96
Rimko, Robert W., M.S.	Civ. Engr.	PT	82-92
Ritter, John Frederick, M.S.	Civ. Engr.	FT	68-93
	Civ./Envr. Engr.		93-98
	Mech. Engr.	PT	98-99
	Civ./Envr. Engr.		99-08
Roncone, Anthony M., B.S.A.S.	Comp. Tech.	PT	90-96
Roncone, John E.	Engr. Tech.	PT	73-74
Roper, Stephen James, M.S.E.	Mech. Engr.	PT	66-74
Ross, Nicholas V., M.S.	Physics	FT	48-56
Rost, Duane F., Ph.D.	Elec. Engr.	FT	71-77
			82-01
Rudinec, Joseph P., M.S.	Engr. Drwg.	PT	78-94
Salata, Edmund J., B.E.	Civ. Engr.	PT	66-70
	Civ. Engr. Tech.	PT	70-71
Santos, Evelyn W.	Elec. Engr.	PT	70-72
Savich, Steven	Engr. Tech.	PT	00-01
			02-03
			04-05
			06-07
Sawyers, David, Ph.D.	Mech. Engr.	PT	99-01
			02-03
Schaefer, Glen A., Ph.D.	Mech. Engr.	PT	92-93
Schlais, Rudolph A., M.S.E.E.	Elec. Engr.	PT	67-71
Schneider, Edwin, Ph.D.	Met. Engr. & Mat. Sci.	PT	69-73
Schomer, Robert J., B.Arch.E.	Civ. Engr.	PT	55-56
Schwager, William Joseph, B.E.	Ind. Engr.	PT	64-73
Scofield, Nye M., M.Ed.	Elec. Engr. Tech.	PT	85-87
Scrocco, Sylvester M., B.E.	Engr. Drwg.	PT	85-86

		FT	86-88
		PT	88-97
Scudder, Eugene Dodd, Ph.D.	Chemistry	FT	30-68
	Head, Chemistry		47-60
	Chairman, Chem.		60-68
Seagle, Stan	Met. Engr. & Mat. Sci.	PT	69-74
Seidler, Kurt	Engr. Tech.	PT	99-00
Sendaula, Heanry, Ph.D.	Elec. Engr.	FT	78-80
Shadduck, Hugh Allen, Ph.D.	Chem. Engr.	FT	59-68
Shamsi, Uzair M. Ph.D.	Civ./Envr. Engr.	PT	06-08
Sharples, Robert	Engr. Tech.	PT	04-05
Shashaty, Alex, M.S.M.E.	Mech. Engr.	PT	57-58
Shaw, Wendall A., M.S.	Elec. Engr. Tech.	PT	89-90
Shay, George	Engr. Tech.	PT	97-98 00-03
Sheinker, Abraham, Ph.D.	Mech. Engr.	PT	03-04
Sheng, Henry P., Ph.D.	Chem. Engr.	FT	69-79
Shields, Elvin B., Ph.D.	Mech. Tech.	PT	94-95
	Mech. Engr.	FT	95-08*
Siman, Matthew, Ph.D.	Elec. Engr.	FT	57-92
	Chairman, Elec. Engr.		77-82
	Elec. Engr.	PT	93-94
Singh, Dilip K., M.Tech.	Chem. Engr. & Mat. Sci.	FT	80-93
	Chair., Chem. & Met. Engr.		87-91
Sines, Francis J., M.S.C.E.	Civ. Engr.	PT	55-57
Skarote, Samuel J., M.Sc.	Elec. Engr.	FT	66-96
Slalina, Donald, M.S.	Elec. Tech.	FT	87-06
	Coord., Drft. & Des. Tech.		96-99
	Coord., Elec. Tech.		96-01
Slaven, Harry	Engr. Tech.	PT	05-06
Slawecki, Tadeusz K., Ph.D.	Chem. Engr.	FT	71-92
	Chair., Chem. Engr. & Mat. Sci.		71-84
Smith, Chester Ray, B.S.	Ind. Engr.	PT	56-57
Smith, Eugene M., M.S.	Met. Engr.	PT	50-51
Smith, Frank L.	Mech. Drwg.	PT	28-29
Smith, James H., Ph.D.	Met. Engr.	PT	67-70
Smith, Lester W., Ph.D.	Mech. Engr.	FT	85-94
Smith, Robert	Drft. & Des. Tech.	PT	91-98
Snuggs, William A., B.S.E.E.	Ind. Engr.	PT	51-52
Snyder, Samuel	Engr. Tech.	PT	98-01 03-08
Sohn, Sangwon, Ph.D.	Ind. Engr.	FT	84-90
Solomon, Michael, M.S.	Civ. Engr.	FT	58-68
		PT	68-69
Sorokach, Robert J., M.S.	Mech. Engr.	FT	62-67
	Ind. Engr.		67-93
	Ind. & Sys. Engr.		93-96
	Chairman, Ind. Engr.		67-83
Sovacool, Robert M., M.S.E.E.	Elec. Engr. Tech.	PT	86-88
Spencer, Todd James, B.E.	Mech. Engr.	PT	93-94
Sprangle, Richard L., B.S.A.S.	Elec. Engr. Tech.	PT	86-87
Stafford, Joseph D., M.S.C.E.	Civ. Engr. Tech.	PT	85-88

Stafford, Joseph	Civ./Envr. Engr.	PT	01-08*
Stefanik, Norma	Engr. Tech.	PT	01-03 06-07
Stein, Gebhard M., D.Engr.	Elec. Engr.	FT	68-72
Steines, David J.	Engr. Tech.	PT	70-74
Stevems, Charles A., Ph.D.	Dean, Engr. & Tech.	FT	95-96
Stevens, John A., Ph.D.	Chem. Engr.	FT	69-78
	Dean, Engr. & Tech.	FT	95-02
Stiles, Lawrence H., B.S.	Engineering	PT	24-25
Stinellis, William	Engr. Tech.	PT	98-99
Stone, James	Engr. Tech.	PT	99-08
Strang, William G., M.S.	Mech. Engr.	PT	86-88
Stratton, James P., B.S.	Civ. & Env. Engr.	PT	93-94
Strohecker, H. Ross, B.S.M.E.	Plastics	PT	44-46
Suchora, Daniel H., Ph.D.	Mech. Tech.	FT	76-80
	Mech. Engr.		80-08*
	Actg. Chair., Mech. Engr.		94-95
	Chair., Mech. & Ind. Engr.		06-08*
Suttman, Bob	Engr. Tech.	PT	98-99
Sutton, George E., Ph.D.	Dean, Engr.	FT	77-94
	Engr. Tech.	PT	98-99
Sweeney, Harry J.	Met. Engr.	PT	42-43
Szczurek, Michael J., B.S.A.S.	Elec. Engr. Tech.	PT	84-91
Szirmay, Leslie V., Ph.D.	Chem. Engr.	FT	70-96
	Chair., Chem. Engr. Mat. Sci.		84-87
Tackett, Timothy N., M.S.	Mech. Engr.	PT	85-87
Tanik, Murat M., M.C.S.	Comp. Tech.	FT	78-79
Tarantine, Frank J., Ph.D.	Mech. Engr.	FT	58-96
	Actg. Chair., Mech. Engr.		70-72
	Chair., Mech. Engr.		92-96
	Actg. Dean, Engr.		94-95
	Mech. Engr.	PT	96-98 99-00 03-06
Terlecki, John P., M.S. in Ed.	Met. Engr.	PT	50-69
	Met. Engr.	FT	69-70
	Met. Engr. Tech.		70-73
Terreri, Daniel	Engr. Tech.	PT	01-02
Testa, Richard	Engr. Tech.	PT	03-04
Theiss, Nicholas	Engr. Tech.	PT	98-99
Thomas, Myron W., B.E.	Elec. Engr. Tech.	PT	84-90
Tokuz, Riza Y., Ph.D.	Civ. Engr.	FT	80-82
Torcellini, Paul A., Ph.D.	Mech. Engr.	FT	93-94
Torok, Dennis F. Jr., Ph.D.	Mech. Engr.	FT	71-74
Toth, Robert	Met. Engr. & Mat. Sci.	PT	71-74
Trantin, J. Jr., B.S.	Chem. Engr.	PT	44-48
Ulicny, Sylvester M.	Civ. Engr.	PT	68-69
Um, Wan-Sup, Ph.D.	Ind. Engr.	PT	99-00
Vaidyaraman, Subdar	Chem, Engr.	PT	03-05
Vankstaraman, Chirvella, Ph.D.	Mech. Engr.	PT	97-98
Varraux, I. A., B.S.	Ind. Engr.	PT	46-72
Vigorito, John A.	Comp. Tech.	PT	90-96
Vink, Charles E., M.S.	Elec. Engr. Tech.	PT	89-90

Vivalo, Joseph F., B.S.G.E.	Ind. Engr.	PT	57-60
Viviano, Anthony	Engr. Tech.	PT	99-00
	Mech. Engr.		04-08
Vojtko, Bernard J., M.S.	Elec. Engr.	FT	59-70
Vuksanovich, Brian D., M.S.M.E.	Engr. Tech.	FT	07-08*
	Coord., Mech. Tech.		07-08*
	Engr. Tech.	PT	83-06
Waldman, R. A., Ph.D.	Science	PT	41-48
Walker, Thomas W., B.S.	Comp. Tech.	PT	88-89
Wallace, Darrell A. Ph.D.	Mech. Engr.	FT	07-08*
Weber, Ted A., M.S.	Elec. Engr. Tech.	PT	85-86
Welch, Marcia A., A.B.	Math. & Engr.	FT	46-57
Wellman, Nicholas P., B.S.	Civ. Engr.	PT	67-68
Wertzler, Francis A., B.S., M.Ed.	Engr. Drwg.	PT	79-83
White, David	Engr. Tech.	PT	03-08
Wick, James L. Jr., B.S.	Mech. Drwg.	PT	07-08
Wilder, Allen Bliss, M.E.	Mech. Engr.	FT	57-62
Wilhoite, A. L., M.E.	Appl. Science	PT	42-46
Wilkins, Bernard T.	Engineering	PT	46-52
Williams, Laura	Engr. Tech.	PT	04-07
Williamson, Gilbert R., Ph.D.	Civ. Engr.	FT	69-74
Williamson, Robert A., M.S.	Civ./Envr. Engr.	PT	00-03
Wilms, Ernest J., Ph.D.	Civ. Engr.	PT	66-68
Wino, Vincent G. Jr., M.S.	Comp. Tech.	FT	80-89
Wise, Daniel, M.Eng.	Appl. Physics	PT	40-41
Witherspoon, T. D., B.S.	Engineering	PT	24-25
Wong, Kenneth K-H., B.S.E.E.	Elec. Engr.	FT	61-64
Wood, William A., M.Engr.	Civ. Tech.	FT	88-08*
	Coord., Civ. Tech.		96-00
	Dir., Tech.		00-08*
Woodworth, Laurin D., B.S.	Met. Engr.	PT	66-68
Yannucci, Dean Allen	Engr. Tech.	PT	69-73
Yozwiak, Bernard J., Ph.D.	Math. & Engr.	FT	47-92
	Chairman, Math.		67-72
	Dean, Arts & Sci.		72-92
	Mathematics	PT	92-96
Zager, Stanley E., Ph.D.	Chem. & Met. Engr.	FT	81-96
Zajak, John	Engr. Tech.	PT	04-07
Zenouli, Mansour, Ph.D.	Mech. Tech.	FT	91-02
Ziobert, Randall L., B.S.A.S.	Comp. Tech.	PT	87-96
Zubawick, Thomas E.	Elec. Engr.	PT	69-72
Zuckerwar, Allen J., Dr.Rer.Nat.	Elec. Engr.	FT	70-74
Zupanic, James C., M.S.C.E.	Civ. Tech.	FT	79-04
	Coord., Drft. & Des. Tech.		79-02
Krill, Karl E., Ph.D.	Met. & Mat. Sci. (Courtesy)	FT	71-77

APPENDIX ESTAFF

<u>Name</u>	<u>Position</u>	<u>From</u>	<u>Until</u>
Adger, Wilhemina	Housekeeping	9-28-67	11-30-79
Adovasio, Linda J.	Secretary, Mech. Engr. Office	11-13-95	5-10-96
	Secretary, Civ./Envr. Engr. Office	98	
Bakos, Patsy Napoliatano	Secretary, Ind. Engr. Office	69	71
Balent, Pam	Secretary, Chem. Engr. Office	7-21-91	4-30-92
	Secretary, Electronics Maint.		
Basile, Delores	Secretary, Mech. Engr. Office	4-8-68	1-9-70
	Secretary, Chem. Engr. Office	3-15-71	8-17-73
Beadling, Ida	Secretary, Ind. Engr. Office	3-27-72	10-5-79
Besenie, Margaret J.	Secretary, Dean's Office	51	55
Bevan, Joan	Secretary (temp.), Civ. Engr. Office	1-13-93	1-29-93
Blazina, Mike	Maintenance Repair	9-1-60	6-28-85
Brajer, Maureen	Secretary, Mech./Ind. Engr. Office	05	
Brewer, Beth	Secretary, Ind. Engr. Office	10-22-79	12-14-84
Carfora, Ralph Vincent	Electronics Maint.	9-4-84	
Clemen, Dahlia M.	Secretary, Chem. Engr. Office	8-30-93	
Costerall, Faye	Secretary (temp.), Chem. Engr. Office	1-2-81	10-16-81
Couch, Tom	Electrical Maint.	68	
Davidson, Virginia D'Isa	Secretary, Dean's Office	10-6-69	7-31-84
Davis, Ruth Fowler	Secretary, Dean's Office	46	47
Demechko, Bernadette	Secretary, Dean's Office	8-6-90	5-17-91
	Secretary, Mech. Engr. Office	4-5-93	2-29-96
Denny-Schaefer, Carolyn	Secretary, Chem. Engr. Office	9-24-84	
Desko, Debbie (Garchar)	Secretary, Engr. Tech. Office	11-29-79	1-27-84
Dodson, John	Electrical Maint.	7-22-82	
Donovan, Ellen Rose	Secretary, Dean's Office	50	51
Eagleton, Bob	Student Secretary,	65	69

	Dean's Office		
Evans, Bob	Laboratory Maint.	8-10-70	6-3-77
Evans, Wilma	Secretary,	12-1-69	11-2-75
	Civ. Engr. Office		
Fabrizio, Lena	Secretary,	9-12-84	
	Elec. Engr. Office		
Filipowicz, Mary	Housekeeping	6-5-68	5-11-88
Fisher, Sara	Secretary,	10-3-83	4-20-93
	Engr. Tech. Office		
Fullum, Jerry	Machinist	9-14-87	
Fullum, Terry Beronja	Administrative Asst.,	9-1-80	
	Dean's Office		
Garchar, Debbie	Secretary (temp.),	9-29-93	10-4-93
	Civ. Engr. Office		
Gomez, Julie	Housekeeping	1-15-59	4-21-82
Hamrock, Jemmy	Secretary (temp.),		
	Mech. Engr. Office		
	Secretary (temp.),	71	72
	Ind. Engr. Office		
Hancock, Jennet	Secretary (temp.),		
	Mech. Engr. Office		
Holisky, Edward	Maintenance Repair	12-12-67	6-30-93
John, Ray	Electronics Maint.	2-26-90	
Jones, Sandra	Secretary,	1-8-73	8-24-75
	Engr. Tech. Office		
Kiktavy, Loretta	Housekeeping	9-24-59	5-30-80
Kish, Kathy	Secretary,	10-11-93	96
	Civ. Engr. Office		
Kleckner, Meredith (Wertzler)	Secretary,	8-13-75	9-2-83
	Engr. Tech. Office		
Krauss, Ron	Electrical Maint.	10-11-93	
Lambert, Paul	Laboratory Maint.	4-21-80	
Laughlin, Rich	Electrical Maint.	5-10-82	
Lewis, Angie	Secretary (temp.),	12-4-89	3-16-90
	Mech. Engr. Office		
Limberly, Barbara	Secretary (temp.),		
	Mech. Engr. Office		
Lutz, Jane	Secretary,	1-5-70	1-9-81
	Mech. Engr. Office		
Marin, Frank	Evening Attendant	50	60
	Dean's Office		
Marrie, John	Electronics Maint.	7-15-68	9-1-72
Mathers, Rosemary P.	Secretary,	7-13-70	2-26-71
	Chem. Engr. Office		
McQuade, Ellen	Secretary,	8-20-84	
	Dean's Office		
Miglaresse, Phyllis	Secretary,	11-10-75	12-31-91
	Civ. Engr. Office		
Mihalenko, Susan	Housekeeping	10-15-63	2-26-88
Millard, Harry	Superintendent,	52	57
	William Rayen Building		
Molnar, Frank	Maintenance Repair	3-11-91	
Nolfi, Bernadette	Secretary,	10-4-67	11-28-69
	Civ. Engr. Office		



O'Connor, Grace R.	Secretary, Dean's Office	4-1-90	7-31-90
Pasquale, Carl	Electrical Maint.	94	
Phillips, Carl	Laboratory Maint.	1-4-82	1-25-91
Pittman, Ron	Maintenance Repair	10-2-67	
Pompanio, Karen	Secretary, Ind. Engr. Office	12-12-84	97
	Mech./Ind. Engr. Office	97	
Potts, Thomas	Electronics Maint.	1-20-87	12-28-89
Pushar, Mary Lee	Secretary, Mats. Engr. Office	8-22-90	
	Secretary, Electronics Maint.		
Repetski, Mike	Director, Electronics Maint.	7-25-69	
Rush, Betty	Secretary (temp.), Dean's Office	3-16-92	5-19-92
Schaefer, Carolyn	Secretary, Chem. Engr. Office	84	87
Schmidt, Jan	Secretary, Engr. Tech. Office	7-14-69	1-19-73
Serrechio, Anna Mae	Secretary, Elec. Engr. Office	9-5-67	6-29-94
Shaffer, Loretta	Secretary, Engr. Tech. Office	8-29-89	
Sheward, Kimberly	Secretary, Chem. Engr. Office	2-16-93	
Shodle, Edward	Laboratory Repair Chem. Engr.	9-1-59	6-26-70
Smiley, Bonnie (Kugler)	Secretary, Engr. Tech. Office	2-20-84	8-8-89
Spencer, Kathy	Secretary, Ind. Engr. Office	67	69
Stewart, Kimberly	Secretary, Chem. Engr. Office	2-16-93	
Thomaskovich, Frances	Housekeeping	11-5-69	5-29-81
Thorton, Jo Ann M.	Secretary, Civ. Engr. Office	69	70
Torok, Anne	Housekeeping	11-21-69	12-9-83
Townes, Ester Price	Secretary, Dean's Office	7-15-67	10- 3-69
Wise, Thomas	Electronics Maint.	9-22-80	1-6-82
Withrow, Debra	Secretary, Chem. Engr. Office	10-20-76	12-28-81
Wolfe, Joe	Machinist	7-25-77	7-31-87
Yoho, Denise Schwab	Secretary, Mech. Engr. Office	2-16-81	3-1-93

APPENDIX F  
GRADUATES

Name	Area	Degree	Year	Name	Area	Degree	Year
Aaron, James M.	MET	BSAS	1987	Adams, James D.	Ch.E.	BE	1969
Abbas, Bassel M.	CE	BE	1986	Adams, Jay L.	EE	MS	2004
Abbas, Christina M.	Ch.E.	BE	1984	Adams, Michael E.	EET	AAS	1974
Abbas, Joseph Thomas	EE	BE	1950	Adams, Richard P.	Cmp.T.	AAS	1974
Abbas, Naji	BE	Ch.E	1965	Adams, Terry L.	Cmp.T.	BSAS	1986
Abbas, Thomas P.	Ch.E.	BE	1984	Adamski, John	CE	BE	1981
Abbasi, Gholamhosein G.	Ch.E	BE	1983	Adderty, Ronald J.	ME	BE	1966
Abbey, Thomas J.	CET	AAS	1987	Adhikart, Mold F.	EE	MS	2004
Abbey, Timothy	EET	BSAS	1996	Addicott, George W. Jr.	CE	BE	1972
Abdala, Michael C.	CE	BE	2003	Adduci, Robert Louis	ME	BE	1979
Abdalazeez, Ahsan A.	CE	BE	1987	Adhami, Abdelkarim H.	CE	BE	1984
Abdallah, Abdallah T.	ME	BE	1983	Adhikari, Mahesh	CE	MSE	2006
		MS	1985	Adkins, Christopher D.	ME	BE	1989
Abdallah, Chaouki T.	EE	BE	1981	Adkins, Keith B.	ME	BE	1992
Abdallah, Sleiman A.	ME	BE	1990	Adkins, Robert J.	EE	BE	1966
		MS	1992	Advey, Alexander J.	ME	BE	2000
Abdelbari, HEND Ben		BE	1988	Agee, Garret J.	Mt.E	BE	1998
Abdel-Rasoul, Mohamad	Cmp.T.	BSAS	1990	Agger, Steven Emmett	ME	BE	1986
Abdelwahab, Mahmood A.	ME	BE	1967	Agnello, James Joseph	EE	BE	1981
Abdlrasul, Netham F.	EET	AAS	2004	Agnew, Charles D.	MET	AAS	1974
		BSAS	2005	Agnone, Daniel C.	IE	BS	1948
Abdulaban, Helmi	EE	BE	1996	Agostinelli, Susan L.		AAS	1986
Abdullah, Ali H.	ME	BE	1962	Agueda, Howard B.	DDT	AAS	1987
Abdullatif, Bassam Ali	CE	MS	1988	Ahearn, Robert E.	IE	BE	1962
Aber, Janice E.	Cmp.T.	AAS	1975	Ahlgren, Jacob H.	ME	BE	1963
Aberbach, Irwin M.	Ch.E.	BE	1970	Ahlman, Kimberly	EE	BE	1994
Abott, Walter	MET	AAS	1993	Ahlstrom, Darren E.	EE	BE	1990
Abou-Dargham, Imad M.	CE	BE	1986	Ahmad, Mohd F.	C&EE	MS	2004
		MS	1988	Ahmad, Nasseem M.	CE	BE	1984
Abou-Khamis, Kamal A.	ME	MS	2000	Ahmad, Saif	CE	MSE	2009
Abou-Saleh, Mounir E.	CE	BE	1985	Ahmadi Foroushani, Sayyid M.		BE	1979
		MS	1986	Ahmadzadegan, Jahanbakhsh	CE	BE	1976
Abraham, Claude A.	EE	BE	1979	Ahmed, Mubeen	EE	BE	1994
		MS	1981	Ahmed, Norris	MET	AAS	1971
Abraham, John K.	Mt.E.	BE	1962	Ahn, Kyung-Hwan	ME	MS	1985
Abraham, Michael J.	EET	AAS	1986	Aho, Albert E.	EET	AAS	1974
		BSAS	1987			BSA	1976
Abraham, Norman J. Jr.	CE	BE	1988	Aidgahi, Hashem E.	CE	BE	1980
Abruzzi, Mathew J.	MET	AAA	2004	Aiken, Charles T.	EE	BE	1959
		BSAS	2005	Airato, Anthony J.	EE	BE	1963
Abuasi, Mohammad H.	EE	BE	1989	Airato, Scott A.	CE	BE	1999
Abu-Dakka, Ehsan M.	EE	MS	1992		C&EE	MS	2002
Abu-hashim, Abdelkarim A.	EE	BE	1994	Airhart, Jonathan Edward	EE	BE	2008
Abuhashim, Rajaie A.	EE	MS	1991	Akari, Khalil S.	EE	BE	1978
Abu-Kwiek, Suleiman H.	CE	BE	1987	Akenhead, Eric J.	PPT	ATS	2005
Abulaban, Firas B.	Ch.E	BE	1995	Akhavi, Seyed S.	EE	BE	1983
Abulaban, Helmi B.	EE	BE	1996			MS	1992
Abulaban, Wael	MET	BSAS	1995	Akhtaruzzaman, Md	CE	MS	1996
Acevedo, Lori		AAS	1985	Akins, Charles A.	CE	BE	1952
Acharyyapaopan, Teera	EE	MS	1979	Aksharanugraha, K.	EE	BE	1968
Achladis, Phillip	EET	BSAS	1982	Al Abed, Ghalib F.	CE	BE	1997
Achladis, Vicki	Cmp.T.	AAS	1980	Al-Aina, Abed A. A.	MET	BSAS	1991
Acierno, Andrew J.	Mt.E.	AAS	1973	Al-Amoor, Faraj M.	CET	BSAS	1987
Acks, Eugene A.	ME	BE	1949	Alamjamily, Alireza	CE	BE	1985
Adair, David W.	EET	AAS	1973	Alaradi, Abdullah A.	C&EE	BE	2003
		BSAS	1976	Al-Awadhi, Ahmad A.	C&IE	BE	2004
Adameczyk, Michael S.	ME	BE	1977	Al-Azeez, Ahsan A. A.		BE	1987
Adams, Adrieune N.	CE	BE	2005	Alban, Cheryl	CET	BSAS	1983
Adams, Bryan N.	EUT	ATS	2010	Alban, Justin F.	EUT	ATS	2010
Adams, David C.	MET	BSAS	1985	Albaugh, Benjamin J.	MET	AAS	2004
Adams, Frank J.	EE	BE	1986			BSAS	2005
Adams, Gregory J.	Cmp.T.	BSAS	1986	Albaugh, Edward K.	CE	BE	1975
Adams, Jacquelyn	EE	BE	1986	Albaugh, Thomas W.	IE	BE	1974
				Al-Behbehani, Taleb M.	EE	BE	2000
				Albert, Brian M.	MET	AAS	2006

Albert, Mark Randall	ME	BE	2008	Al-Mukhaiteer, Faisal	EE	BE	2003
Alboloushi, Ali	EE	BE	1987	Almuwail, Majeed M.	Ch.E.	BE	1999
Albrecht, James W.	C&EE	BE	2003	Alnaser, Yahya F.	Ch.E.	BE	2000
Alcorn, Richard B.	EE	MS	1978	Alnaser, Zaid F.	EET	BSAS	2000
Alcorn, Richard B.	EE	BE	1990	Al-Nassar, Khaled	EET	BSAS	1991
Alcorn, Richard B.	CE	MS	1997	Aloi, Doneen M.	IE	BE	1993
Alcorn, Thomas G.	MET	BSAS	1985	Alonzo, Jose Luis	ME	BE	1985
Alcorn, Timothy A.	EE	BE	1994	Al-Own, Ahmad I.	Ch.E.	BE	2006
Alderfer, James I.	Cmp.T.	AAS	1971	Alper, Gregory	CET	AAS	1998
Aldrich, Frank Lee	ME	BE	1972	Alpern, Philip	EE	BE	1959
Aleksic, Snezana	Ch.E.	MSE	2009	Al-Qallaf, Mohammed	C&IE	BE	2004
Alenezi, Sultan, M.	ME	MS	2005	Al-Quraishi, Muthana	C&IE	MS	2003
Alenzi, Saleh J.	EE	MS	1999	Alrashidi, Muhammed	EE	MS	2000
Alessio, Brian Lee	ME	BE	1986	Al-Samdani, Abdulrahman	Ch.E.	BE	2004
Alexander, Benjamin C.	Ch.E.	BE	2004	Al-Saqaf, Zayed T.	CE	BE	2003
Alexander, Dale M.	IE	BE	1979	Al-Serri, Fahad J.	EE	BE	2004
Alexander, Jerry B.	EET	AAS	1981	Alshafei, Firas S.	EE	BE	2008
Alexander, Marcy L.	IE	BSAS	1983	Al-Shareef, Nassar Z.	MET	BSAS	2002
Alexander, Todd	ME	BE	1993	Al-Shareedah, Abdulaziz	C&EE	BE	2002
Alexander, Todd L.	Cmp.T.	AAS	1982	Al-Shareef, Nasser Z.	C&EE	BE	2002
Alexoff, Carl	EE	BSAS	1984	Al-Shemmari, Suliman D.	C&EE	BE	2002
Al-Falih, Kaldon Ali	EE	BE	1950	Al-Shamali, Ghazi L.		BE	1981
Alfano, Joseph	CE	BE	1987	Al-Shamali, Isam A.	CE	BE	1982
Alfasihi, Sami Ali	EET	BSAS	1990	Alsnauer, William E.		BE	1961
Alfredo, Ronald W.	CE	BE	1985	Al-Soufi, Talal M. A.	CE	BE	1984
Al-Gharabally, Yosef H.	EE	BE	1993	Alston, Oliver	EE	BE	1957
Al-Haddad, Yaqoub M.	I&SE	BE	1997	Al Tawil, Ayman S.	EE	MS	1994
Al-Hadid, Shukri F.	C&EE	BE	2004	Al Tawil, Ali M.	EE	MS	2007
Alhajeri, Saud G.	CE	BE	1986	Altieri, Fred Joseph	ME	BE	1949
Alhusayni, Manaf	ME	MS	1996	Alvarez, Rito	CE	BE	1975
Ali, Abdullah M.	EE	MS	2000			MS	1979
Ali, Imad Toufic	DDT	AAS	1978	Alvi, Tariq A.	EE	MS	1992
Alicea, Edwin	CE	MS	1989	Alwanni, Naser Y.	EE	BE	2010
Alisau, Douglas T.	MET	AAS	1984	Amaun, Carolyn S.	Cmp.T.	AAS	1982
		BSAS	1987	Ambrose, Aaron M.	EET	AAS	1996
		AAS	1975			BSAS	1997
		BSAS	1978	Ambrose, Angelo V.	IE	BE	1961
Al-Jamal, Nabil M.	CE	MS	1986	Ambrose, Frank C.	EE	BE	1969
Al-Jamal, Samih H.	CE	MS	1989	Ambrose, Thomas P.	Ch.E.	BE	1964
Alkhaledi, Khaled A.	EE	BE	2000	Ambrozy, John J.	Ch.E.	BE	1987
Alkhatib, Hassan M.	EE	BE	1982	Ameduri, Gene Joseph	ME	MS	1976
Allamadani, Awni A.	CET	BSAS	1987	Amendola, Nicholas M.	Cmp.T.	AAS	1985
Allen, Christopher W.	ME	BE	2004	Amendolea, Richard M.	ME	BE	1983
	ME	MSE	2009	Ames, Richard P.	EE	BE	1981
Allen, David Charles	ME	BE	1965	Amin, Girishchandra M.	ME	MS	1972
Allen, David G.	EE	BE	1969	Amini, Mohammad Hassan	ME	MS	1981
Allen, David W.	DDT	AAS	1995	Amini-Kharazi, Mohammad R.		BE	1977
Allen, Debra C.	Cmp.T.	AAS	1985	Amiralee, Ali Reza	ME	BE	1983
Allen, Derek	IE	BE	2009	Ammeen, Edward Scott	ME	BE	1985
Allen, Donald J.	Mt.E.	BE	1970	Ammons, Joyce E.		AAS	1978
Allen, Michael L.	ME	BE	1984	Amon, Wayne E.	EET	AAS	1976
Allen, Robert H.	Ch.E.	BE	1963			BSAS	1979
Allen, Robert L. Jr.	Cmp.T.	AAS	1972	Amra, Lutfi H.	Mt.E.	BE	1955
Allen, Stephen F.	EE	BE	1974	Amsler, Robert L.	Ch.E.	BE	1962
Allen, Tod E.	ME	BE	1996	Anabtawi, Rami	CE	MS	1987
Allender, Michael W.	EE	BE	1989	Anadkat, Jatin M.	CE	MS	1972
		MS	1995	Anand, Chandra D.	Cmp.T.	AAS	1983
Allese, John B.	CET	AAS	1989			BSAS	1988
Allgower, Robert M.	EET	AAS	1985	Anaraki, Esfandiar	ME	BE	1971
		BSAS	1990			MS	1973
Allio, Timothy R.	EE	BE	1987	Anders, James Q.	CE	BE	1969
Allmon, Donato	EUT	ATS	2009	Anders, Richard D.	EET	AAS	1984
Allshouse, Craig J.	EUT	ATS	2007			BSAS	1986
Allshouse, Justin R.	EUT	ATS	2006	Anderson, Catherine J.		AAS	1981
Allshouse, Richard C.	Ch.E.	BE	1975			BSA	1983
Ally, Saeed S.	I&SE	BE	1997	Anderson, Christopher	Cmp.T.	AAS	1990
Al-Mane, Meshal A.	CET	AAS	2002			BSAS	1991
Almasi, Derreck	EET	AAS	2006	Anderson, Curtis	MET	AAS	1993
	EET	BSA	2008			BSAS	1994
Al-Mazidi, Khaled	C&EE	BE	2004	Anderson, David G.	Cmp.T.	AAS	1984
Almedhayan, Nassar	EET	AAS	2005	Anderson, David W.	MET	BSAS	1987

Anderson, Denise L.		BE	1995	Aouad, Nassib S.	ME	MS	2004
Anderson, Donald R.	MET	AAS	1975	Aowad, Nabil Joseph		BE	1962
		BSAS	1977	Apichatabutra, Bunpoat		BE	1971
Anderson, Erick T.	ME	BE	2001	Apisa, Deanna L.	Cmp.T.	AAS	1984
Anderson, James R.	IE	BE	1972			BSAS	1994
Anderson, James R.	ME	BE	1950	Apisa, Debra J.	Cmp.T.	AAS	1984
Anderson, James S.	EE	BE	1997	Apisa, Dominic C.	EE	BE	1961
Anderson, James T.	MET	AAS	1971	Aponte, Diony G.	I&SE	BE	2001
Anderson, James W.	ME	BE	1951	Aquino, Vincent	EET	BSAS	1975
Anderson, John R.	Mt.E.	BE	1982	Aragon, Sherril D.	Cmp.T.	AAS	1984
Anderson, Julie A.	CET	BSA	2008	Aramadany, Hisham A.	EE	BE	1981
Anderson, Kimberly W	Ch.E	BE	1981	Arambasick, Nicholas G.	ME	BE	1985
Anderson, Kris L.	EET	AAS	1988	Archibald, Michael S.	ME	BE	1991
		BSAS	1990	Arena, Mathew A.	CE	BE	2007
Anderson, Mark A.	CE	BE	1980	Arena, Robert	Mt.E.	BE	1966
Anderson, Marsha L.	Cmp.T.	AAS	1982	Argentine, Deborha L.	EET	BSAS	1996
Anderson, Mathew L.	EET	AAS	2005	Argiro, Christopher	Cmp.T.	BSAS	1993
Anderson, Meghan M.	CET	AAS	2003	Argiro, Patrick M.	EE	BE	1996
	CET	BSA	2005		EE	MS	1999
Anderson, Molly Anne	CE	BE	2008	Arkward, Ted. L.	ME	BE	1968
Anderson, O. Scott	EUT	ATS	2008	Armaline, James W.	IE	BE	1970
Anderson, Randal B.	EET	AAS	1984	Armeni, Daniel R.	Mt.E.	BE	1974
		BSAS	1987	Armour, Ronald C.	IE	BE	1986
Anderson, Samual H.	ME	BE	1965	Armstrong, Catherine M.	CE	BE	1987
Anderson, Sarah	EET	AAS	1989	Armstrong, Todd	MET	BSAS	1990
		BSAS	1991	Arnal, Joshua Marcel	EE	BE	2008
Anderson, Scott B	ME	MSE	2008	Arner, Kenneth E.	ME	BE	1953
Anderson, Scott H.	MET	AAS	1983	Arnett, Donald Ray	ME	BE	1963
Anderson, Shane E.	EET	BSAS	1997	Arnio, Mark G.	ME	BE	2007
Anderson, Stephen T.	EE	BE	1994	Arnold, David Leroy	IE	BE	1957
Anderson-Saari, Denise L.	I & SE	BE	1996	Arnold, William M.	MET	BSAS	2006
Andre, Jason W.	I&SE	BE	2000	Arnold, Wayne E.	EE	BE	1956
Andres, George M.	EE	BE	2003	Arquilla, Renee M.	Cmp.T.	AAS	1987
Andrews, Russell L.	ME	BE	1956			BSAS	1989
Andrusky, Kevin	EUT	ATS	2009	Arquilla, Robert V.	Ch.E.	BE	1984
Andujar, Precious Lynn	CET	AAS	2008	Arroyo, Isaac J.	PPT	ATS	2007
	CET	BSA	2010	Arroyo-Monroy, Jose Antonio	CE	BE	2008
Angari, Ezzatollah	MET	BSAS	1985	Arroyo, Lucy	Cmp.T.	AAS	1980
Angelis, Daniel S.	EE	BE	2007			BSAS	1983
Angelis, Emmanuel J.	EE	BE	1973	Artar, Stanley Jr.	ME	BE	1973
Angelis, John N.	I&SE	BE	2002	Arthurs, Alan W.	CET	AAS	2003
Angelis, William John	ME	BE	1969	Artz, William L. Jr.	MET	AAS	1975
Angelo, Jerry F. Jr.	CE	BE	1960			BSAS	1980
Angelo, Joseph F.	ME	BE	1992	Ashburn, Joseph M.	EE	BE	2009
		MS	1995	Asbury, Rhona	Cmp.T.	AAS	1988
Angelo, William J.	Mt.E.	BE	1959	Ascione, Gregory R.	CET	AAS	1980
Angeloff, Mark Alan	ME	BE	1985	Ashmore, Leslie R.	MET	AAS	1975
Angilecchia, Antonio	Cmp.T.	AAS	1981			BSAS	1977
Anglemyer, Greg	MET	AAS	1988	Ashouri, Mohammad E.	EE	BE	1975
		BSAS	1990	Asperger, Monica	CET	AAS	1980
Ansary, Alhamdoullah	EE	BE	1983	Aston, Nancie	MET	AAS	1980
Ansbro, Shawn	EET	BSAS	1979	Astorino, Philip A.	Mt.E.	BE	1973
Anschutz, Keith	EET	AAS	1992	Ataeian, Gholam H.	CE	BE	1982
Antal, John A. Jr.	Ch.E.	BE	1982	Athansiou, Nicholas G.	ME	BE	1981
Antil, Doug A.	CE	BE	2003	Athicomnanta, Chavalit	CE	MS	1973
Antil, Matthew A.	ME	BE	2002	Atoufi, Hormoz K.	EE	BE	1989
Antill, Richard A.	EET	AAS	1984	Atrostic, Michael T.	CE	BE	1979
Antilla, Edward J.	EE	BE	1961	Atsas, Nick	Cmp.T.	AAS	1986
Antonias, Adamantios	Ch.E.	BE	1983	Augenstein, Paul	Cmp.T.	BSAS	1989
Antonias, Maria	Ch.E.	BE	1995	Augenstein, Richard J.	EE	BE	1990
Antonelli, Michael J.	Mat.E.	BE	1992	Aukerman, Joel	MET	AAS	1993
Antonelli, Ralph Jr.	EET	AAS	1984	Aukerman, Jose B.	MET	BSAS	1997
Antonovich, Violet	EE	BE	1948	Auld, Robert III	IE	BE	1973
Antos, Dennis M.	Mt.E.	BE	1973	Auman, Jeffrey A.	ME	BE	1988
Antos, Walter K.	ME	BE	1991	Aurand, William Milton	ME	BE	1961
Antoun, Antoun S.	CE	BE	1987	Aurin, Nick	CET	AAS	2008
		MS	1988	Austalosh, Mark	CET	AAS	2007
Antronica, Anthony G.	CET	BSAS	1993	Austin, Jason A.	CET	AAS	1995
Anzalone, Charles A.	EE	BE	1984	Austin, Patricia	CE	BE	1988
Anzelmo, James V.	EE	BE	1970	Aventino, Lynn M.	ME	BE	1992
Anzevino, Laurinda M.	DDT	AAS	2003	Avery, John H.	CE	BE	1969
Anzivino, Eugene A.	ME	BE	1954	Avery, Sandra	CE	BE	1969

Awad, Nabil	EE	BE	1962			BSAS	1983
Awad, Naji Abbas	ME	BE	1965	Bahhour, Faysal Nawas	ME	BE	1965
Awad, Maruf Said	ME	BE	1971	Bahhur, Husam Nawas	CE	BE	1961
Awan, Mohammad S.	Ch.E.	BE	1974	Bahman, Haitham	C&EE	BE	2004
Axel, Autumn A.	EUT	ATS	2007	Bahour, Sam S.	Cmp.T.	AAS	1987
Axelsson, Eric S.	EE	BE	1984			BSAS	1989
Ayette, Joseph E.	EE	BE	1995	Bailey, Carrie A.	I&SE	BE	1999
Ayoub, Abdou A.	EE	BE	2004		ME	BE	2007
Ayres, Robert L.	IE	BE	1968	Bailey, David D.	EE	BE	1977
Azad, Mohammad E. M.	CE	BE	1981			MS	1979
Aziz, Morris	CE	BE	1975	Bailey, Jerome R.	Mt.E.	BE	1987
Azmoudeh, Mohammad R. F.	Ch.E.	BE	1985	Bailey, Pierce Jr.	EE	BE	1979
	Mat.Sci.	MS	1989	Bailey, Randall I.	CE	BE	1988
Azodi, Ahmad	CE	BE	1980	Bailey, Robyn L.	Cmp.T.	AAS	1984
Baal, Joseph Steve	IE	BE	1950	Bailey, William	EET	AAS	1973
Baatz, Thomas Mark	Mt.E.	BE	1954	Bailey, William R.	ME	BE	1980
Babbey, Joshua P.	IE	BE	2009	Bailik, William J.	CE	BE	1962
Baber, Walter B.	CET	BSA	1999	Bair, Edwin Kohl	ME	BE	1958
Babieh, Nu`Man M.	CE	BE	1985	Bair, Thomas Adam	CE	BE	2008
Babinec, Greg J.	ME	BE	2000	Baird, Andrew A.	Cmp.T.	AAS	1984
Babik, Elaine J.	Cmp.T.	AAS	1975			BSAS	1989
Babik, Robert F.	Ch.E.	BE	1988	Baird, Brian J.	ME	BE	1996
Babnic, Robert A.	EET	AAS	1972	Baird, Donald Lee	CE	BE	1958
		BSAS	1989	Baird, Marsha J.	CET	AAS	1984
Babnic, Robert Andrew	ME	BE	1972	Baird, Michelle J.	EE	MS	1998
Babos, Elmer Edward	ME	BE	1950	Baird, Richard A.	Ch.E.	BE	1968
Babosky, Charles M.	EE	BE	1979	Baird, Robert D.	CE	BE	1977
Babuka, John	EET	AAS	1991	Bajic, Vladan	EE	BE	1997
		BSAS	1992	Bajnok, David M.	ME	BE	2003
Babuka, Richard	EET	AAS	1989	Bajuszik, James A.	MET	BSAS	1987
		BSAS	1990	Baka, Andrew M.	CET	AAS	1974
Babyak, Richard A.	Ch.E.	BE	1994			BSAS	1976
Bacak, Dennis M.	Ch.E.	BE	1974	Bakalar, David T.	CE	BE	1988
Bacak, John S.	MET	AAS	1876	Baker, Barbara	EET	AAS	1982
		BSAS	1978			BSAS	1984
Bachman, Mark S.	MET	BSAS	1985	Baker, Barbara	EET	BSAS	1989
Bachini, Joseph	EE	BE	1996	Baker, Corrine	Cmp.T.	AAS	1985
Bachochin, Jeffrey J.	EE	BE	1985	Baker, Daniel M.	EE	BE	1972
Bachochin, Todd A.	ME	BE	1994	Baker, Donald A.	EE	BE	1985
Backel, Judith A.	Cmp.T.	AAS	1983	Baker, Donald D. Jr.	Cmp.T.	AAS	1982
Backo, William J.	DDT	AAS	1981			BSAS	1987
Backur, Ronald J.	EE	BE	1973	Baker, Donald Polson	ME	BE	1975
Bacon, Keith D.	EET	AAS	1976	Baker, Frederick C. II	Cmp.T.	AAS	1987
		BSAS	1978	Baker, Glenn A.	DDT	AAS	1996
Badaoui, Fadi N.	ME	BE	1986	Baker, Kenneth W.	EET	AAS	1988
Badaski, Barbara J.		BE	1977	Baker, Marvin Thomas	ME	BE	1988
Badger, Don J.	CE	BE	1964	Baker, Raymond A.	EE	BE	1981
Badiei, Assad	CE	BE	1981	Baker, Raymond L.	IE	BE	1956
Bae, Geun S.	I&SE	MSE	2006	Baker, Richard P.	IE	BE	1967
Baer, Christopher R.	EUT	ATS	2010	Baker, Ronald Robert	ME	BE	1985
Baer, David L.	EET	AAS	1982	Baker, Scott	Cmp.T.	BSAS	1992
		BSAS	1989	Baker, Scott B.	CE	BE	1989
Baer, William J.	EET	AAS	1986	Baker, Ted J.	C&IE	MS	1999
		BSAS	1989	Baker, Ted James	CE	BE	1991
Baggetta, Anthony	ME	BE	1970	Baker, Vicki J.	ME	BE	1998
Baggetta, Antony M.	ME	BE	2000	Baker, Walter B.	CET	BSAS	1999
Baggetta, Catherine M.	CE	BE	2000	Baker, William T.	CE	BE	1962
Baggetta, Daniel J.	ME	BE	1997	Bakhai, Rajeshkumar J.	Ch.E	BE	1974
Baghaie, Afshin	Mat.Sci.	BE	1984	Bakondi, Thomas S.	CE	BE	1962
		MS	1986	Bakondy, Brian M.	EE	BE	1995
Baghaie, Farzin	MET	BSAS	1986	Bako, Andrew L.	I&SE	BE	2010
Baghaie, Ramin	CE	BE	1984	Bakos, Michael J.	EET	AAS	1975
	Mat.Sci.	MS	1986			BSAS	1978
Bagheri, Amir Abdollah	CE	MS	1984	Bakos, Tom A.	EE	BE	1956
Bagheri, Mohammad Ali	EE	BE	1970	Balakoff, Gary M.	Ch.E.	BE	1975
		MS	1979	Balas, Judy		AAS	1978
Bagheri, Nader	CE	BE	1973	Balas, Randy	Cmp.T.	BSAS	1989
Bagher-Pour, Hedayatollah	CE	BE	1981	Balash, Lawrence P.	EE	BE	1979
Baghi, Abbas		BE	1980	Balash, Wayne Paul	ME	BE	1975
Bagnall, George H.	IE	BE	1971	Balash, William M.	Ch.E.	BE	1981
Bagnoli, Joseph M.	CE	BE	1984	Balaska, Albert M.	CE	BE	1950
Baharis, Scott	Cmp.T.	AAS	1981	Balawender, Frank J.	MET	BSAS	1997

Balazs, Conrad F.	ME	BE	1962	Barclay, Douglas R.	Mat.Sci.	BE	1981	
Baldwin, Clarence H.	EE	BE	1949			MS	1985	
Baldwin, Edward J.	IE	BE	1970	Barforoshi, Khalil H.	MET	BSAS	1983	
Baldwin, Roger	CET	BSAS	1988	Barger, Jane E.	ME	BE	1994	
Baldwin, Ronald	Cmp.T.	AAS	1985	Barger, Patricia M.	DDT	AAS	2003	
		BSAS	1989	Bario, John A.	MET	AAS	1998	
Balent, Mark A.	EE	BE	2010			BSAS	1999	
Balent, Thomas E.	CE	BE	1994	Barker, Francine E.	CE	BE	2001	
Balestra, Richard H.	EE	BE	1969	Barker, Joshua A.	EUT	ATS	2010	
Balestrino, Francis P.	Ch.E.	BE	1976	Barker, Kyle Matthew	CE	BE	2008	
Balko, John A.	DDT	AAS	2004	Barker, Michael E.	CE	BE	2001	
Ball, James D		BSA	1972	Barker, Paul	DDT	AAS	1995	
Ball, John	CET	BSA	1997	Barker, Randy L.	CET	BSAS	1998	
Ball, Margaret E.		AAS	1970	Barker, Randy L.	DDT	AAS	1984	
Ball, Michele D.	I&SE	BE	1998	Barker, Robert Dale	ME	BE	1979	
Ball, Timothy G.	CmpT.	AAS	1983	Barkley, Frederick	MET	AAS	1991	
		BSAS	1985	Barkley, Frederick L.	MET	BSAS	1996	
Balla, William V. Jr.	Mt.E.	BE	1967	Barley, Chalmer D.	EE	BE	1958	
Ballentine, Charles L.	EE	BE	1950	Barlow, Mark D	EE	MSE	2007	
Ballew, Craig M.	IE	BE	1984	Barna, Alex	CE	BE	1958	
Ballish, David	EET	BSAS	1992	Barna, Steve	CE	BE	1952	
Ballish, Kevin J.	Mt.E.	BE	1984	Barnard, Dennis J.	ME	BE	2004	
Ballish, Michael E.	Mt.E.	BE	1973	Barner, Mark D.	CE	BE	1995	
Ballone, Joseph R.	Ch.E.	BE	1986	Barnes, Colleen E.	I&SE	BE	2003	
Balog, James A.	Cmp.T.	AAS	1978	Barnes, Edward F.	Mt.E.	BE	1950	
		BSAS	1985	Barnes, James R.	EET	AAS	1977	
Balogh, Steve	EE	BE	1959			BSAS	1978	
Balt, John M.	CET	BSAS	1997	Barnes, Kenneth E.	Mt.E.	BE	1959	
Balzic, John W.	ME	BE	1962	Barnes, Nicholas D.	EUT	ATS	2010	
Banai, Reza	IE	BE	1980	Barnes, Robert D.	IE	BE	1960	
Banaie, Sohrab		BE	1982	Barnes, Stephen J.	MET	BSAS	2000	
Bancroft, Lora L.	Cmp.T.	AAS	1985	Barnett, Kenneth G.	EE	BE	1980	
		BSAS	1988	Barnett, Kevin J.	MET	AAS	2005	
Bancroft, Thomas R.	EET	BSAS	1984			ME	BS	2008
Bancroft, Virginia L.	MET	AAS	1986	Barney, Timothy A.	ME	BE	1990	
		BSAS	1989	Barnhouse, Ronald W.	Cmp.T.	AAS	1982	
Bancroft, William T.	Mt.E.	BE	1957			BSAS	1983	
Bandey, Humera G.	ME	MS	2003	Barnovsky, John P.	Cmp.T.	BSAS	1987	
Bandzak, Robert A.		BE	1963	Barns, Diann L.	CE	BE	1982	
Banglawala, Sabbir A.		BE	1972	Baron, Robert S.	EE	BE	1971	
Banic, Carl V.	EE	BE	1962	Baron, Walter E.	IE	BE	1952	
Baniel, Gary W.	CE	BE	1973	Barone, Cheryl	Cmp.T.	AAS	1989	
Banjo, Joseph George	ME	BE	1964			BSAS	1989	
Banko, Ihor	MET	AAS	1984	Barone, Mary A.	Cmp.T.	AAS	1978	
Banner, Joseph J.	CET	AAS	2005	Barot, Hasmmukh C.	CE	MS	1970	
	CET	BSA	2007	Barovich, Sylvester P.	EE	BE	1951	
Banner, Kenneth L.	CET	AAS	1989	Barr, Andrew J.	ME	MS	1996	
Bansal, Ankit	CS	BS	2008	Barr, Kelly M.	EE	BE	1990	
Banyots, John J. Jr.	Ch.E.	BE	1970	Barrett, Brent S.	CE	BE	2004	
Barak, Louis J.	EET	AAS	1996	Barrett, David M.	IT	BSAS	2007	
Baran, Beth Ann	Ch.E.	BE	1993	Barrett, Harry C.	CE	MSE	1970	
Baran, Justin A.	CE	BE	2005	Barrett, John Paul	EE	BE	1950	
Baran, Michael F.	EE	BE	1971	Barrett, Maurice Martin	ME	BE	1950	
Baran, Robert J.	IE	BE	1988	Barrick, Denise M.	Ch.E.	BE	1992	
Baranski, David Anthony	ME	BE	1984	Barrick, James E. II	CE	BE	1967	
Baranski, James S.	EE	BE	1977	Barringer, Jack. D.	ME	BE	1969	
Baranski, Mark D.	EE	BE	1977	Barringer, Mary	Ch.E.	BE	1978	
Baranski, Stanley John	EE	BE	1951	Barringer, Terry L.	Ch.E.	BE	1979	
Barbari, Elie J.	EE	BE	1978	Barsch, Gregory W.	CE	BE	1994	
Barbarossa, Larry A.	MET	BSAS	1983	Barsch, Jeffrey A.	EE	BE	1991	
Barber, Charles L.	Ch.E.	BE	1967	Bart, Kevin J.	CE	BE	1980	
Barber, Jennings P.	EE	BE	1987	Bartek, Richard S. Jr.	MET	BSAS	1988	
Barber, John A.	IE	BE	1961	Bartell, William Jr.	MET	AAS	1995	
Barber Jr, John Derrick	IT	BS	2008	Bartfai, Wendy A.	DDT	AAS	1994	
Barber, Thomas W.	EET	AAS	1986	Barth, Edward A.	CET	BSAS	1984	
Barbera, Gary T.	ME	BE	1963	Barth, Gerald D.	MET	AAS	1973	
Barbod, Kamran	CE	BE	1986	Barth, William Lewis	ME	BE	1965	
Barbone, Pamela	Cmp.T.	AAS	1988	Barthelmy, Michael P.	Ch.E.	BE	1974	
Barbour, John C.	Ch.E.	BE	1978	Barthold, Daniel A.	ME	BE	1969	
Barbutes, Dean W.	EE	BE	1974	Bartholow, Richard J.	ME	BE	2000	
Barbutes, Robert F.	IE	BE	1960	Bartholomew, Anthony J.	Ch.E.	BE	1962	
Barbutes, Timothy L.	Cmp.T.	AAS	1981	Bartholomew, John H		BSA	1986	

Bartholomew, John P.	EET	AAS	1980	Baun, Leonard J. Jr.	EE	BE	1953
Bartholomew, Philip C.	EET	AAS	1987	Baun, Lora	CET	AAS	1982
Bartholomew, Scott W.	CET	AAS	2003			BSAS	1984
		BSAS	2004	Baun, Mark W.	CET	AAS	1979
Bartholomy, Richard P.	CE	BE	1978			BSAS	1981
		MS	1983	Baust, Walt	MET	AAS	1993
Bartko, Susan K.	Ch.E.	BE	1978			BSAS	1994
Bartlett, Jonathan E.	EE	BE	1989	Baxter, David A.	CE	BE	1999
Bartley, Matthew R.	EUT	ATS	2004	Baxter, Robert R.	MET	AAS	1984
Bartley, William Wesley	ME	BE	1950			BSAS	1994
Bartlo, Louis J.	Mt.E.	BE	1961	Bayda, Christopher L.	EE	BE	2006
Barto, Diane	Cmp.T.	AAS	1989	Bayer, Michael D.	EE	BE	2002
Bartolec, Frank J.	EUT	ATS	2009	Bayer, Sheila L.	Cmp.T.	AAS	1973
Bartolic, Frank M.	Mngt.E.	BE	1978	Bea, Glun	I&SE	MS	2006
Bartolo, John Joseph	CE	BE	1974	Beach, Walter G.	MET	AAS	1981
Barton, Cliff A.	EE	BE	2007			BSAS	1984
Barton, Eric J.	MET	BSAS	2003	Beachler, William H.	Mt.E.	BE	1960
Bartos, Edward J.	IE	BE	1985	Beadling, Thomas K.	EET	AAS	1975
Bartos, Virginia	Cmp.T.	AAS	1991			BSAS	1978
Bartosh, Bret H.	Cmp.T.	AAS	1986	Beal, Richard A. Jr.	EE	BE	1969
Bartosh, Tod B.		BSA	1988	Beam, James R.	EUT	ATS	2004
Bartyzel, Joseph P.	EE	MS	2003	Bean, Dennis R.	CE	BE	1975
	EE	BE	2002	Bean, Richard Lloyd	ME	BE	1948
Barua, Ronjon	EE	MS	2000	Bean, Thomas J.	Cmp.T.	AAS	1983
Basel, Thomas J.	CET	BSAS	1988			BSAS	1984
Basich, Timothy Curtis	ME	BE	1981	Beard, Brian J.	ME	BE	1998
Basile, George R.	Mt.E.	BE	1955	Beard, Cynthia		AAS	1984
Basile, Dennis A.	Cmp.T.	AAS	1984	Beard, Neil H.	EE	BE	1956
Basinsky, Michael J.	ME	BE	1981	Beatrice, Steven D.	EET	AAS	1986
Basista, David S.	EE	BE	1976			BSAS	1987
Basista, Edward A.	EE	BE	1974	Beatty, Donald Wayne	ME	BE	1979
Basista, James P.	Mt.E.	BE	1958	Beaudis, Michael V. Jr.	CET	AAS	1973
Basista, Kenneth J.	ME	BE	1986		CE	BE	1975
Basista, Lorraine A.	Cmp.T.	AAS	1980	Beaver, Kelly E.	Cmp.T.	AAS	1984
Basista, Thomas A.	EET	AAS	1986			BSAS	1986
		BSAS	1989	Bebb, Wayne Arthur	EE	BE	1949
Baskey, Marsha	Cmp.T.	AAS	1992	Beca, Kyle	I&SE	BE	2006
Baskin, Ronald	Cmp.T.	AAS	1986	Beck, Angela M.	Ch.E.	BE	2003
Bass, Scott D.	Ch.E.	BE	1982	Beck, Denise M.	Cmp.T.	AAS	1982
Bassil, Ibrahim	EE	BE	1984	Beck, David A.	ME	BE	1991
		MS	1988	Beck, George Anthony	ME	BE	1991
Bassil, Nadim	EE	BE	1987	Beck, James P.	EET	AAS	1977
		MS	1990	Beck, Jerry A.	EET	BSAS	2000
Batas, Katherine M.	EE	BE	2001	Beck, Lawrence R.	EE	BE	1983
Batcha, George M.	EE	BE	1955	Becker, Peter W.	ME	BE	1970
Batchelor, Brian	Cmp.T.	AAS	1989			MS	1973
Batcho, Joseph F.	EET	AAS	1996	Becker, Phillip	ME	BE	1959
		BSAS	2001	Becker, Thomas E. Jr.	EET	AAS	1982
Bate-Eya, Agbortebot	Ch.E.	BE	2001	Becker, Tracey E.		BE	1977
Bates, Frank E.	MET	BSAS	1984	Beckman, Mark A.	EET	AAS	1982
Bates, Katherine M.	EE	BE	2002	Beckwith, Lori L.	Cmp.T.	AAS	1985
Bates, Larry T.	EET	AAS	1987	Beda, Alfred Carl	ME	BE	1950
Bates, Richard J.	EET	AAS	1984	Beda, Edward R.	ME	BE	1957
		BSAS	1987	Bednar, Joseph M.	Cmp.T.	AAS	1983
Bates, Ryan A.	EE	BE	2010			BSAS	1985
Bates, Steven W.	EE	MS	1994	Bednar, Kenneth	EET	AAS	1991
Batian, Charles	EET	AAS	1971	Bednar, Leroy A.		BE	1972
Bator, Robert Michael	ME	BE	1970	Bednar, Robert M.	ME	BE	1962
Battafarano, James D.	ME	BE	1950	Bednarcik, Gregory M.	ME	BE	1972
Battafarano, Sam L.	ME	BE	1951	Bednarczyk, Stanley S.	Ch.E.	BE	1970
Battafarano, Stephen A.	Ch.E.	BE	1985	Beebe, Mark D.	EET	AAS	1979
Batten, Cyril J.	ME	BE	1967	Beebe, Mark D.	EE	BE	2003
Battison, Susan A.		AAS	1981	Beegle, Erik D.	ME	BE	2007
Battison, Thomas E.	EET	AAS	1983	Beers, Albert A.	CE	BE	1967
Battista, Joseph W.	EET	AAS	1984	Bees, Lorraine		AAS	1979
Battochetti, Donald	EET	BSAS	1990			BSA	1981
Bauer, Jeffrey L.	Ch.E.	BE	1977	Bees, Frank	Cmp.T.	AAS	1989
Bauer, Martin F. Jr.	ME	BE	1955	Bees, William J.	CE	BE	1964
Bauer, Robert A.	MET	AAS	2000	Begala, Louis M.	CET	BSAS	1981
Baughman, Sheri L.	EE	BE	1995	Begeot, Virginia	ME	BE	1989
Baun, Kenneth M.	DDT	AAS	1982		ME	MSE	1996
	MET	BSAS	1987	Begley, Robert W.	ME	BE	1996

Bego, Andres	Cmp.T.	BSAS	1979	Benkosky, Jennie	Cmp.T.	AAS	1984
Behary, Paul P.	IE	BE	1967	Benkosky, Leonard Allen	ME	BE	1990
Behary, Paul P.	Cmp.T.	AAS	1987	Benkovic, John Jr.	ME	BE	1973
Beheler, Craig Alan	ME	BE	1992		EE	BE	1976
Beheshti, Shirazi A.	CET	BSAS	1991	Bennehoof, Craig R.	Cmp.T.	AAS	1986
Beheshti-Shirazi, Reza	CE	BE	1981	Benner, Antonette M.	EET	AAS	1993
Behun, Jody M.	EUT	ATS	2010		EET	BSA	1994
Beidka, Robert	EE	BE	1980	Benner, Richard D.	EE	BE	1977
Beight, Tim O.	EE	BE	1981	Bennett, Abigail J.	ME	BE	2001
Beil, Edward T.	EE	BE	1959	Bennett, Brian Richard	ME	BE	1984
Beil, Kenneth D	CE	BE	1962	Bennett, Gary R.	Ch.E.	BE	1980
Beil, Mark A.	Cmp.T.	AAS	1980	Bennett, Javon	EE	BE	2003
		BSAS	1981	Bennett, Jeffrey W.	Mt.E	BE	1996
Beilstein, Troy E.	EET	AAS	2007	Bennett, John	Cmp.T.	BSAS	1991
Beitko, Douglas A.	CET	BSAS	1986	Bennett, John H.	EE	BE	1988
Beitzel, Wilfred C.	Cmp.T.	AAS	1973	Bennett, Rick D.	Cmp.T.	BSAS	1981
Belanger, Steven F.	DDT	AAS	1993	Bennett, Robert P.	ME	BE	1974
Belcastro, Jason A.	EET	BSAS	2003	Bensing, Gregory Larry	ME	MS	1989
Belcastro, John James	EE	BE	1950	Benson, Michael P.	MET	AAS	1983
Belcastro, Sharon K.	Mat.E.	BE	1991			BSAS	1985
Belcik, Ben Lewis	ME	BE	1988	Bent, Robert F.	EET	AAS	1976
Belcik, Doreen M.	Cmp.T.	AAS	1987			BSAS	1978
Belcik, Frank	Cmp.T.	AAS	1993	Bentley, Michael S.	MET	AAS	1980
Belcik, Mark J.	CE	BE	1988			BSAS	1982
Belcik, Richard M.	CET	AAS	1993	Bently, Sonya D.	I&SE	MS	1999
		BSAS	1995		MET	BSA	1995
Beleny, Frank T.	EET	AAS	1980	Benton, Lyn Ellen	Mat.Sci.	MS	1995
Belfast, Anthony F.		BE	1979	Benton, Thomas J.	Ch.E.	BE	1976
Belknap, Farrell G.	ME	BE	2009	Benton, Tod C.	CE	BE	1979
Bell, Brenda M.	EE	BE	1985	Benton, William J.	CE	BE	1972
Bell, Charles W.	EET	BSAS	2000	Benyak, Darin Michael	ME	BE	1991
Bell, David V.	EE	BE	1978	Bequeath, Alan G.	CE	BE	2003
Bell, Donald R.	EE	BE	2000	Berardino, Robert M.	Ch.E.	BE	1981
Bell, Elmer	EET	AAS	1982	Beraduce, Kenneth J.	Cmp.T.	AAS	1976
Bell, Frank L.	IE	BE	1987			BSAS	1978
Bell, Gregory Alan	ME	BE	1974	Berarducci, Robert J.	EE	BE	1993
Bell, John Norton	ME	BE	1953	Berbari, Jihad Elias	ME	BE	1985
Bell, Leslie A	Ch.E.	BE	1990	Berdin, Michael J.	Ch.E.	BE	1962
Bell, Nicholas B.	EET	BSAS	2004	Berecek, Paul	EE	BE	1964
Bell, Paul A.	EE	BE	1985	Bergen, Caron L		AAS	1982
Bell, Richard S.	EE	BE	1980	Berardino, Robert M.		BE	1981
Bell, Ronald A.	Ch.E.	BE	1973	Berendt, Valerie L.	IE	BE	2002
Bella, Eric D.	EET	AAS	2002	Berger, Leroy C.	ME	BE	1949
	EET	BSAS	2002	Bergman, Michael	EET	AAS	1982
Bella, George A.	Mt.E.	BE	1982	Bergman, Thomas E. Jr.	Ch.E.	BE	1982
Bellanca, Joseph P.	EUT	ATS	2006	Bergsten, Marybeth		AAS	1975
Bellanca, Peter	EUT	ATS	2010	Berish, David Michael	ME	BE	1979
Bellay, Jeffrey D.	EE	BE	1975	Berletchick, Daniel S.	ME	BE	1980
Belle, Thomas J.	EET	AAS	1978	Berlin, Harvey	CE	BE	1967
		BSAS	1979	Bernacki, Bruno F.	MET	AAS	1973
Belli, Mark D.	MET	AAS	1985	Bernard, Brandon Lee	EUT	ATS	2008
		BSAS	1986	Bernard, George III	MET	AAS	1989
Bellis, Jason A.	DDT	AAS	1996			BSAS	1991
Bellisario, Kathryn A.	Cmp.T.	AAS	1984	Bernard, Don	Cmp.T.	BSAS	1988
Bellish, Deborah L.	IE	BE	1990	Bernard, Nick A.	EET	AAS	1984
Bellish, Thomas M.	IE	BE	1988	Bernard, Andrew M.	EE	BE	1958
Bellitt, Jerry J.	EE	BE	1981	Bernard, Stephen J		BSA	1981
Belloto, James P.	ME	BE	1987	Bernard, Stephen T.	EE	BE	1957
Belloto, Timothy	Cmp.T.	AAS	1986	Bernat, David J.	Cmp.T.	AAS	1986
Beltempo, Guy A.	ME	BE	1958			BSAS	1994
Beltempo, James Paul	ME	BE	1987	Bernhard, Brandon	EUT	ATS	2008
Belyusar, William E.	EET	AAS	1971	Bernhard, Don	Cmp.T.	AAS	1984
		BSAS	1975			BSAS	1988
Bendel, Wendy R.	Cmp.T.	AAS	1982	Bernstein, Eric	EET	BSAS	1994
Ben Abdelbari, Hend	CE	BE	1988	Berquist, Gilbert M. III	Cmp.T.	AAS	1988
Bender, George Andrew	ME	BE	1970			BSAS	1990
Bender, James G.	EE	BE	1965	Berquist, Joseph A.	Ch.E.	BE	1995
Bender, Susan M.	Cmp.T.	AAS	1978	Berquist, Robert E.	IE	BE	1971
Benedetto, David J.	CET	AAS	1983				
Benedictus, Michael J.	EE	BE	1976	Berry, Robert	EET	AAS	1992
Benetas, Anna	Cmp.T.	BSAS	1979	Berry, William Albert	EE	BE	1950
Benic, John D.	EE	BE	1963				



Bertanzetti, Arthur D.	IE	BE	1973	Bindas, Michael	EET	BSAS	1991
Bertch, Thomas T. Jr.	EE	BE	1968	Bindas, Michael J.	Cmp.T.	BSAS	1986
Bertolini, Henry Emil Jr.	ME	BE	1986	Bindel, Christopher E.	ME	BE	1984
Berton, Leigh A.		AAS	1986			MS	1991
		BSA	1987	Binder, Michael A. Sr.	Cmp.T.	AAS	1978
Bertsch, Robert	MET	AAS	1975	Bingham, Blaine C.	EET	BSAS	1987
Bervish, Zackary E.	EE	BE	1999	Birch, Bruce S.	CET	BSAS	1984
Best, Jeffrey Allen	MET	AAS	2008	Birchak, Daniel Clark	ME	BE	1979
	MET	BSA	2010	Birchak, Michael J.	ME	BE	1976
Best, John L.	EET	AAS	1986	Bircher, Harry C.	CE	MS	1995
		BSAS	1990	Birckbichler, Joseph	ME	BE	1972
Best, Joseph	ME	BE	1957	Birkafer, John D.	EET	AAS	1999
Best, Thomas C.	IE	BE	1961			BSAS	2001
Best, Timothy D.	Mt.E.	BE	1983	Birkmeier, Mark A.	CET	AAS	1996
Besterci, Bernard A.	EE	BE	1982			BSAS	1998
Bethany, Michael W.	ME	BE	2006	Biroschak, Mark C.	MET	AAS	1984
Bettinger, Sheila A.	Cmp.T.	AAS	1975	Biroschak, Michael D.	ME	BE	1990
Beturra, Justine L.	CIS	BSAS	2007	Birskovich, Gregory	ME	BE	1965
Bevan, Douglas A.	CET	BSAS	1996	Birckhoff, John F.	MET	AAS	1996
Bevan, George Wendall	ME	BE	1952	Bishop, Allan A.	EE	BE	1988
Beven, Michael Jason	EUT	ATS	2008			MS	1991
Beveridge, Robert	Cmp.T.	BSAS	1991	Bishop, David	EET	AAS	1994
Beyer, David C.	CE	BE	1971	Bishop, Donald Lee	ME	BE	1969
Bhatia, Manish S.	EE	BE	1992	Bishop, Donald M. II	Ch.E.	BE	1989
Bhatti, Shabbir Ahmed	ME	BE	1981	Bishop, Earl E.	Cmp.T.	AAS	1982
Bianchi, Thomas	ME	BE	1972	Bishop, Jonathan C.	Ch.E.	BE	2004
Bianco, Angelo Anthony	ME	BE	1992	Bishop, Richard Eugene	ME	BE	1981
Bibbee, Charles R.	Ch.E.	BE	1971	Bishop, Robert James	EE	BE	1951
Bibbee, Chayce R.	EE	BE	2008	Bishop, Russell C.	EE	BE	2005
Bibler, Cheri A.		AAS	1984		EE	MSE	2008
		BSA	1987	Biskupich, Thomas J.	ME	BE	1962
Bica, Jerry P.	EE	BE	1976	Bissell, Thomas W.	Ch.E.	BE	1975
Bickerstaff, Brian	EET	AAS	1992	Bissett, Thomas Arthur	ME	BE	1963
Biddle, John C.	CE	BE	1972	Bissett, Richard A.	Cmp.T.	BSAS	1987
		MS	1977	Bistrica, Michael E.	ME	BE	1979
Bidinotto, David A.	Cmp.T.	AAS	1988	Bittikofer, Justin D	EET	AAS	1999
Bieber, Sally A.	I&SE	BE	1996		EET	BSA	2001
Biedka, Robert	EE	BE	1981	Bittar, Moussa T.	CET	BSAS	1991
Biel, Robert W.	MET	AAS	1999	Bittler, Daniel K.	CE	BE	1960
Bielawski, John R.	EET	BSAS	1983	Bittler, David A.	EE	BE	1982
Bielecki, Diane K.	CET	AAS	1982	Bixler, Susan A.	Cmp.T.	AAS	1981
		BSAS	1985	Bizzarri, Anthony E.	IE	BE	1950
Bielecki, Frank T.	EET	AAS	1983	Bizzarri, Ronald E.	CE	BE	1962
Bielik, Glenn M.	Cmp.T.	AAS	1977	Bjelovuk, George	EE	BE	1984
Bielski, Brenda	EET	AAS	1991	Black, Arthur W. Jr.	ME	BE	1966
Bielski, Frank S.	CE	BE	1989	Black, Gregory	Cmp.T.	BSAS	1993
Bierworth, Lynnann	MET	AAS	1997	Black, Harold R. Jr.	Ch.E.	BE	1974
Bibey, Amber Lynn	BIOL	BS	2008	Black, Jeremy W.	Ch.E.	BE	2000
Bigelow, Carolyn J.	Cmp.T.	AAS	1983	Black, John H.	Ch.E.	BE	1979
Biggs, Brian W.	EET	BSAS	1997	Black, Marjorie	Cmp.T.	AAS	1993
Bigowsky, John Michael	EE	BE	1951	Black, Richard E.	EET	AAS	1976
Bigowsky, Michael F.		BE	1975	Black, Richard, Jr.	CIS	BSAS	2008
Bigowsky, Michael F.	EE	BE	1990	Black, Robert E.	ME	BE	2001
Bikulege, Stanley B.	Ch.E.	BE	1986	Blackann, Joshua	EE	BE	2003
Bilas, Jared M.	MET	BSA	2010	Blackburn, Julie Ann		BE	1984
Bilas, Mark Stephen	ME	BE	1977	Blackburn, Thomas	MET	AAS	1994
Bilas, Mary E.	Cmp.T.	AAS	1983	Blackburn, Thomas W.	MET	BSAS	1996
		BSAS	1985	Blackiston, Russell A.		BE	1987
Bilas, Terrence A.	Cmp.T.	BSAS	1989	Blackscher, Rosa M.	EE	BE	1996
Bilger, Joshua M.	EUT	ATS	2008	Blackley, Daniel R.	EE	BE	2003
Bilkie, Randy N.	EE	BE	1994	Blackson, Gary	EET	AAS	1994
Bilkie, Thomas A.	EE	BE	1990	Blackstock, Ralph G. Jr.	Cmp.T.	AAS	1973
Billey, John S.	ME	BE	1953	Blackstone, Randall A.	Cmp.T.	AAS	1983
Billig, George A.	IE	BE	1963	Blackwood, Scott L.	Cmp.T.	BSAS	1985
Billig, John K.	EE	BE	1982	Blaik, Mohammed S. E.	CE	BE	1981
Billings, William W.	EE	BE	1957	Blaine, Laura M.	CE	BE	1990
Billups, Stephanie	Cmp.T.	BSAS	1989		CE	MS	1996
Billock, Charles R.	CET	AAS	1979	Blaine, Michael	EET	BSAS	1990
Billock, Richard T. Jr.	Cmp.T.	AAS	1974	Blair, Howard	ME	B.S.	1942
Billy, Catherine M.	CE	BE	1986	Blair, Jon F. Jr.	CE	BE	1994
Bilsky, Coty A.	EUT	ATS	2010	Blake, Andrew Clifford	EE	BE	1952
Bilyeu, Amy N.	EUT	ATS	2009	Blake, David J.	EET	AAS	1979

Blake, Jeffery	MET	BSAS	1989	Bogert, William J.	CE	BE	1962
Blake, Michael E.	EET	BSAS	1985	Boggs, Holt James	EUT	ATS	2008
Blake, III, Richard Eugene	EUT	ATS	2008	Bogolin, John W.	CE	BE	1985
Blakely, Daniel R.	EE	BE	2003	Bohazi, Lorine A.	Ch.E.	BE	1985
Blanchard, Mary J.	IE	BE	1980	Bohla, Bradley J.	EE	BE	1981
Blaney, Ronald E.	EET	BSAS	1987	Bohn, Donald W.	EE	BE	1959
Blangero, Mark G.	EE	BE	1968	Bokanovich, Steven W.	Cmp.T.	BSAS	1985
Blank, Bruce H.	Cmp.T.	AAS	1982	Bokesch, Monica A.	CE	MS	1990
		BSAS	1983	Bokros, Kevin	MET	AAS	1990
Blanton, Kenneth R.	Cmp.T.	BSAS	1981	Bokros, Sandra Jean	ME	BE	1982
Blascak, Martin Jr.	EET	BSAS	1995	Bolam, Brian R.	ME	BE	2001
Blashak, Mark E.	MET	AAS	1977	Bolam, Scott C.	Ch.E.	BE	1997
		BSAS	1980	Bolan, Nicholas E.	ME	BE	1957
Blasiman, Luke J.	EUT	ATS	2010	Bolan, Thomas	MET	BSAS	1988
Blasko, Donald Frank	ME	BE	1990	Bolchalk, James R.	EET	AAS	1972
Blasko, Michael J.	ME	BE	1956			BSAS	1972
Blasko, Raymond A.	EE	BE	1979	Bolchalk, John	EET	BSAS	1989
Blasko, Raymond J.	ME	BE	1985	Boles, Frederick Henry	ME	BE	1986
Blasko, Richard Gerard	ME	BE	1986	Boles, Robert E. Jr.	EET	BSAS	1983
Blasko, Stephen A.	MET	AAS	1994	Bolha, Jonathan D.	CE	BE	2006
	MET	BSAS	1999	Bolkovac, William D.	Mat.Sci.	MS	1976
Blatt, George O.	CE	BE	1981	Bolt, Wendy L.	CET	AAS	1995
Blattert, Kyle R.	ME	BE	2008	Bompiron, Phasathorn	EE	MS	1996
Blattman, Kenneth J.	EET	AAS	1978	Bonaby, Ricardo L.	CET	AAS	1996
		BSAS	1981			BSAS	2000
Blaurock, Michael Brian	ME	BE	1990	Boncela, Christine T.	ME	BE	2004
Blazakis, Craig	ME	BE	1987	Bonakdar, Fereshteh M.	Ch.E.	BE	1982
Blaze, Gary C.	Ch.E.	BE	1968	Bonakdar, Jalil M.	CE	BE	1979
Blazina, Kenneth R.	MET	AAS	1981	Bonakdar, Sharareh	EE	BE	1983
		BSAS	1985		EE	MSE	1986
Blazinic, Thomas R.	Cmp.T.	AAS	1973	Bonanno, Jack J.	IE	BE	1986
		BSAS	1976	Bonar, Clinton J.	IE	BE	1995
Blessing, Kathleen M.	Cmp.T.	AAS	1985	Bonazza, Robert V.	EET	BSAS	1981
		BSAS	1987	Boncela, Christitne T	ME	BE	2004
Blice, Dan Thomas	IE	BE	1969	Boncyk-Jappinga, Elaine M.	Ch.E.	BE	1982
Bliss, D.	Cmp.T.	AAS	1980	Boncyk, Wayne C.	EE	MS	1983
		BSAS	1983	Bondi, Anthony	EET	BSAS	1983
Blom, Richard M.	Ch.E.	BE	1988	Bondi, Robert W.	CE	BE	1975
Bloomberg, Jerome	ME	BE	1952			MS	1984
Bloomberg, Robert L.	CET	BSAS	1997	Bondor, Randy L.	Cmp.T.	AAS	1985
Bloomberg, Roberet L.	CET	AAS	1993	Bondor, Steven L.	CE	BE	1956
Blosco, John M.	EE	BE	1974	Bondor, Steven M.	CE	BE	1980
Blott, John Michael	ME	BE	1983	Bonham, Thomas A.	EET	BSAS	1987
Blue, Dawn	Cmp.T.	BSAS	1990	Bonn, Katelyn R.	CE	BE	2010
Blum, Gregory A.	EE	BE	1977	Booher, Harold R.	EE	BE	1965
Blunt, George A.	EE	BE	1960	Booher, Jesse C.	EE	BE	1987
Blystone, James M.	CET	AAS	1989			MS	1990
		BSAS	1992	Booher, Thomas K.	EET	BSAS	1988
Boals, Douglas E.		BE	1988	Book, David B.	Mt.E.	BE	1972
Boback, Mark	MET	AAS	1995	Booker, Joe P.	EET	BSAS	1988
Bobanic, Basil A.	CE	BE	1967	Booker, Leroy	Cmp.T.	AAS	1978
Bobersky, Paul R.	EET	AAS	1984			BSAS	1979
Bobic, Ronald W.	CE	BE	1980	Boone, Joshua E.	Ch.E.	BE	2000
Bobnik, Richard L.	EET	AAS	1977	Boonpirom, Phasathorn	EE	MSE	1996
		BSAS	1978	Boonyadate, Pravit Jr.	CE	MS	1978
Bobosky, Charles M.	EE	BE	1979	Boop, Theodore Alan	ME	BE	1959
Bobovsky, George	ME	BE	1950	Boorn, Harlan Q.	EET	AAS	1984
Bodak, Nicholas J.	EET	AAS	2003		MET	BSAS	1986
	EET	BE	2008	Booth, Lisa	EET	AAS	1990
Bodamer, Curtis A.	IE	BE	1986	Booth, Ronald Arthur	ME	BE	1986
Boddorff, Thomas C.	ME	MS	1976	Bopp, Walter E.	EE	BE	1959
Bodi, Jack	MET	AAS	1988	Borak, James	CET	BSAS	1990
		BSAS	1990	Borcoman, Carrie A.	Ch.E.	BE	2001
Bodkin, Paul D.	MET	AAS	1985	Bordas, Tiffanie N.	Ch.E.	BE	2005
		BSAS	1987	Borecki, James J.	EE	BE	1981
Bodine, Thomas J.	DDT	AAS	1989	Borecki, John S.	Ch.E.	BE	1975
Bodnark, John P. Jr.	IE	BE	1980	Boris, Robert J.	EET	AAS	1978
Bodzenta, Wayne E.	EE	BE	1984			BSAS	1981
Boehm, Paul J.	Cmp.T.	AAS	1981	Borgi, Abdulsalam	CET	BSAS	1989
Boesch, Donald Edward	ME	BE	1959	Borhani, Chehraz	ME	BE	1986
Bogan, Frank John	IE	BE	1958	Boron, Keith J.	Cmp.T.	AAS	1987
Bogensperger, Mary L.	Mat.E.	BE	1992			BSAS	1990

Boron, Michael J.	CET	AAS	1977	Boyle, Julie P.		BE	1989
Borovitsky, Robert M.	ME	BSAS	1979	Boyle, Martin F.	EET	AAS	1983
Borson, Carl Richard	ME	BE	1976	Boyle, Robert E.	ME	BE	1962
Borton, James P.	EET	BE	1954	Bozick, Mark P.	CET	BSAS	1987
		AAS	1977	Bozin, James A.	Ch.E.	BE	1975
		BSAS	1979	Bozzo, Michael Joseph	ME	BE	1963
Bosak, George David	CE	BE	1957	Braatz, William H.	ME	BE	1972
Bosch, Harry B.	IE	BE	1959	Bradford, David Allen	EE	BE	1984
Bosela, Cynthia A.	IE	BE	1987	Bradley, Daniel W.	MET	AAS	1984
Bosela, Mark S.	CET	AAS	1994			BSAS	1987
		BSAS	1996	Bradley, Michael A.	CET	BSAS	2005
Bosela, Paul A.	CE	BE	1974	Bradley, Scott A.	EET	AAS	1978
		MS	1980	Brady, Gwendolyn	Cmp.T.	AAS	1974
		BE	1981			BSAS	1977
Bosela, Theodore R.	EE	AAS	1980	Brady, Mark D.	Ch.E.	BE	1999
Boseley, David E. Sr.	MET	AAS	1988	Brager, David A.	EE	BE	1988
Bosley, Bradley R.	CET	AAS	1988	Brahney, James H.	ME	BE	1962
		BSAS	1990	Brahney, Scott M.	ME	BE	1992
Bosley, Susan M.		AAS	1985	Brainard, Kimberley R.		BSA	1985
Bosnjak, Ivan J.	MET	BSAS	1997	Brajer, Robert S.	CE	BE	1979
	I&SE	MS	2000	Brake, Susan	Cmp.T.	AAS	1984
Bosnjak, Mark A.	EET	BSAS	1987	Brakus, Milan	EE	BE	1984
Bossick, Dean A.	EET	AAS	1982	Brakus, Yovo	EET	AAS	1975
Bossick, Robert E.	EE	BE	1976	Braman, Mark E.	EET	AAS	1983
Bostard, Robert C.	CE	BE	1961	Bramer, Lawrence	ME	BE	1991
Bota, Marilyn T.	CE	BE	1982	Branccaccio, Dominic	CE	BE	1992
Botch, Nicholas Jr.	ME	BE	1968		CE	MSE	1996
Bott, Robert G.	EE	BE	1980	Brancheau, Robert J.	ME	BE	1969
Boucherle, Charles H.	IE	BE	1956	Brandozzi, John P.	ME	BE	1952
Boucherle, Paul C.	EET	AAS	1978	Brannon, R. Bruce	ME	BE	1976
Boughton, James R.	EE	BE	1982	Brano, Kenneth	EET	BSAS	1989
Bouscher, Justine W.	CE	BE	1999	Branscome, William F.	CE	BE	1959
Bou-Waked, Claude	EE	BE	1982	Brant, Linda K.	Cmp.T.	AAS	1977
Bova, Eugene Samuel	ME	BE	1951	Brantingham, Duane L.	ME	BE	1984
Bova, Louis Francis Jr.	IE	BE	1961	Braun, James Lee	Ch.E.	BE	1985
Bova, Thomas E.	IE	BE	1970	Braund, Michael H.	EE	BE	1979
Bovornkiratikajorn, Sermisilpa	CE	MS	1973	Braydich, Thomas M.	EE	BE	1976
Bowen, Candace M.	I&SE	BE	1999	Brayer, John	EET	AAS	1987
Bowers, Donna L.	Cmp.T.	AAS	1976			BSAS	1992
Bowers, John G.	CE	BE	2003	Brayer, Michael David	ME	BE	1991
Bowers, Pamala G.	EE	MS	2007	Brayer, Raymond Martin	MET	AAS	1983
Bowers, Pamela G.	EE	BE	1982		ME	BE	1987
Bowlin, Gary Lee	Ch.E.	BE	1988	Brazina, Greg	I&SE	BE	2003
Bowlin, Kevin L.	I&SE	BE	2005	Bream, Thomas A.	Cmp.T.	AAS	1983
Bowman, Britt W.	EUT	ATS	2010	Breckenridge, Donald C.	ME	BE	1956
Bowman, Catherine A.	Cmp.T.	AAS	1984	Breckenridge, William J.	MET	AAS	1981
Bowman, David T.	MET	AAS	1996			BSAS	1983
Bowman, Joseph C.	IE	BE	1968	Breckner, Gerald J.	IE	BE	1976
Bowser, Patricia A.	CE	MSE	2001	Bredl, David M.	EET	AAS	1986
Bowser, Richard E.	EET	BSAS	2001	Bredl, James William	EE	BE	1989
Bowshot, James H.	Mt.E.	BE	1965	Bredl, Mark W.	CET	BSAS	1986
Boyarko, George A.	Cmp.T.	AAS	1972	Breen, Chris M.	CET	AAS	1996
		BSAS	1978	Breeze, Richard C.	MET	AAS	1983
		BE	1958			BSAS	1985
Boyazis, James	IE	BE	1958	Bregar, George W.	ME	BE	1952
Boyce, Arthur John	ME	BE	1965	Brehm, Donald A.	IE	BE	1968
Boyce, Craig A.	CE	BE	1972	Breit, Maryla	EE	BE	1984
Boyd, Kim R.	MET	BSAS	1981	Brekoski, Charles M.	Ch.E.	BE	1980
Boyd, Howard E. Jr.	EE	BE	1974	Brendlinger, Jane E.	EE	BE	1986
Boyd, Jimmy C.	EE	BE	1989	Brener, James R.	CE	BE	1999
Boyd, John III	Ch.E.	BE	1958	Brennan, Tod J.	MET	AAS	1985
Boyd, Ronald C.	EE	BE	1970			BSAS	1987
Boyd, Nathan C.	EE	BE	2006	Brennard, James M.	Cmp.T.	AAS	1983
Boyd, Robert		BSA	1981			BSAS	1985
Boyd, Wilton Edward	ME	BE	1958	Brenneman, Todd	EET	BSAS	1992
Boyer, Charles M.	MET	BSAS	2001	Brennan, Michael J.	MET	AAS	1997
Boyer, Daniel J.	EET	AAS	2002			BSAS	1999
	ICP	BSAS	2004	Brenner, Christina M.	CET	AAS	2007
Boyer, Robert	MET	AAS	1992	Brenner, Keith F.	EET	BSAS	1999
Boyer, Thomas W.	Mt.E.	BE	1974	Brenner, Marc C.	EE	BE	2009
Boyle, Christopher M.	EE	BE	1996	Brentin, Edmund T.	EE	BE	1983
Boyle, Craig Stephen	EE	BE	1986	Brentin, Ivan C.	CET	BSAS	1981
Boyle, Hugh	Met.E	BE	1950				
Boyle, Dennis	MET	BSAS	1988				

Brentin, Norman S.	ME	BE	1985	Brown, David	EET	AAS	1994
Breslyn, Fred W. Jr.	EE	BE	1952	Brown, David A.	CET	AAS	1983
Breslyn, William E.	EE	BE	1952			BSAS	1984
Bresnahan, Sean P.	Cmp.T.	AAS	1985	Brown, David H.	ME	BE	1994
Bresnan, David	EET	AAS	1987	Brown, David R.	EET	BSAS	2003
Brest, John L. Jr.	EE	BE	1980	Brown, Dayna A	CE	BE	2000
Brest, Ryan T.	EUT	ATS	2005		C&EE	MS	2003
Brestelli, Paul T. Jr.	IE	BE	1977	Brown, Edward Lee	EE	BE	1983
Brett, Donald L.	EET	AAS	1979	Brown, Eric M.	PPT	ATS	2005
		BSAS	1981	Brown, Evan R.	EE	BE	1988
Brewer, Frank L.	ME	BE	1961	Brown, Harry M.		BE	1973
Brewer, Leonard Q. Jr.	Cmp.T.	AAS	1982	Brown, James B.	EE	BE	2003
		BSAS	1983	Brown, James E.	CE	BE	1985
Brewer, Scott A.	Ch.E.	BE	1984	Brown, James R.	Ch.E.	BE	1982
Brewster, Charles A.	CE	BE	1974	Brown, James R.	CE	BE	1999
Brian, Randall A.	EET	AAS	1974	Brown, Jeffrey A.	IE	BE	1986
	EE	BE	1978	Brown, Jeffrey M.	EE	BE	1979
Brickley, Kelly A.	EE	BE	2002	Brown, Joseph	ME	BE	1958
Bricker, David N.	MET	BSAS	1981	Brown, Joshua	ME	BE	2003
Bricker, Robert M.	CE	BE	1951	Brown, Judi A.	Cmp.T.	AAS	1982
Bridge, Catherine A. A.	IE	BE	1982			BSAS	1984
Briggs, Michael Alan	ME	BE	1990	Brown, Harry Narsden	ME	BE	1973
Brill, Cathy S.	ME	BE	1984	Brown, Keith E.	CET	BSAS	1983
Brill, Edward L.	CE	BE	1971	Brown, Kenneth R.	Ch.E.	BE	1987
Brill, Michael F.	Cmp.T.	AAS	1973	Brown, Lee L.	EET	AAS	1983
		BSAS	1977	Brown, Mark T.	ME	BE	2010
Brincko, Andrew J.	EET	AAS	1972	Brown, R. R.	MET	AAS	1996
		BSAS	1975	Brown, Robert E.	DDT	AAS	1989
Brindza, Joseph A.	Mt.E.	BE	1970	Brown, Robert Alan	IE	BE	1981
Brink, Adam R.	ME	BE	2006	Brown, Robert Louis	EE	BE	1951
Brink, Matthew M.	I&SE	BE	1999	Brown, Terrence M.	ME	BE	1970
Brink, Mitchell F.	EE	BE	1990	Brown, Thomas David	ME	BE	1971
Briscoe, Rachel A.	Cmp.T.	AAS	1974	Brown, Vaikai K.	ME	BE	1967
Briskin, Lawrence E.	IE	BE	1956	Brown, Victoria N.	Cmp.T.	AAS	1983
Brisley, Chester L.	IE	B.S.	1946			BSAS	1985
Britton, Charles R.	Mt.E.	BE	1957	Brown, Walter R. Jr.	EET	BSAS	1984
Broadway, James R.	Ch.E.	BE	1970	Brown, William Charles	ME	BE	1973
Brockway, Carl B.	ME	BE	1996	Browne, Chester A.	IE	BE	1958
Brodnan, Wayne M.	EET	BSAS	1978	Brownlee, Edward M.	Ch.E.	BE	1988
Brokaw, Mark S.	CET	BSA	1995	Brownlee, Edward P.	EET	BSAS	1985
Bromley, William V.	EET	AAS	1982	Brownlie, Kenneth R.	EET	AAS	1982
Broncassio, Dominic	CE	MS	1996	Bruderly, Jeffrey	Cmp.T.	AAS	1993
Bronder, Robert J.	BE	BE	1963	Bruderly, Robert Earl	EE	BE	1953
Brookbank, Timothy J.	DDT	AAS	1998	Brudis, Anthony J.	CET	AAS	1979
		BSAS	2005			BSAS	1985
Brooke, Michael	MET	AAS	1992	Brudis, William M.	CE	BE	2008
Brooke, Ward A.	EET	AAS	1976	Brugler, Eric P.	EET	AAS	1983
Brooker, John E.	Ch.E.	BE	1984			BSAS	1993
Brooker, Mark	EET	BSAS	1989	Brunelli, T. Bruce	EE	BE	1957
Brooker, Steven C.	ME	BE	1987	Bruner, James R.	CE	BE	1999
Brookhart, Ronald	Cmp.T.	AAS	1989		CE	MSE	2003
Brooks, Eugene Thomas	ME	BE	1954	Brunner, Keith F.	EET	AAS	1994
Brooks, Forrest A.	PPT	ATS	2007		EET	BSA	1999
Brooks, George M.	IE	BE	1960	Bruno, Anthony G.	IE	BE	1966
Brooks, James J.	Ch.E	BE	2002	Bruno, Charles A.	CE	BE	1965
Brooks, Lawrence J.	Ch.E	BE	2003	Bruno, Darla R.	Cmp.T.	AAS	1984
Brooks, Mark S.	ME	BE	1959			BSAS	1986
Brooks, Robert A.	IE	BE	1959	Brush, David L.	EE	BE	1987
Brosko, Kathryn	EE	BE	1983	Bryan, Douglas G.	ME	BE	1993
Brosko, Todd E.	MET	BSAS	1988	Bryant, Herbert T. Jr.	Cmp.T.	BSAS	1983
Brosky, John J.	IE	BE	1956	Bryant, Stacey M.	EET	AAS	1996
Brott, Sanders R.	IE	BE	1989			BSAS	1999
Browerman, Lester J.	EE	BE	1962	Bryarly, David J.	ME	BE	1998
Brown, Alvin D.	IE	BE	1965	Bryer, Laura M.	CE	BE	2007
Brown, Alvin D.	EE	BE	1974	Bryson, Donald A. Jr.	CE	BE	1981
Brown, August D.	EE	BE	1960	Buasri, Ponlawee	EE	MS	1994
Brown, Bruce C.	ME	BE	1995	Bubar, Scott T.	Ch.E	BE	1997
Brown, Chet Andrew	CET	AAS	2008	Buccieri, Robert A.	ME	BE	1959
	CET	BSA	2009	Buccigross, Christine E.	Ch.E.	BE	1990
Brown, Christine A.	MET	AAS	1997	Bucco, Anna M.	Cmp.T.	AAS	1979
Brown, Christopher K.	CET	BSAS	1985	Bucco, Mary Jo	ME	BE	1993
Brown, Daniel F.	ME	BE	2001	Bucco, Peter T.	MET	BSAS	1996

Buchanan, James L.	EET	AAS	2000	Burnick, Bonnie G.	EE	BE	1978
		BSAS	2003			MS	1980
Buchanan, Kurt E.	EE	BE	1986	Burnick, Edward L.	EE	BE	1978
Buchenic, Karen J.	Cmp.T.	AAS	1981			MS	1980
Buchenic, Mark J.	CE	BE	1986	Burns, Berri L.		AAS	1981
Bucheit, Robert L.	MET	BSAS	2003	Burns, Brian S.	Mt.E.	BE	1981
Buchman, William F.	ME	BE	1984	Burns, David Russell		BE	1950
Buck, Thomas	EET	BSAS	1977	Burns, David William	ME	BE	1983
Buckner, Deana M.	EET	BSAS	2000	Burns, Greg	Cmp.T.	AAS	1983
Buckner, Scott M.	MET	BSAS	2000	Burns, James R.	ME	BE	1959
Bucurel, Chris S.	CET	AAS	1978	Burns, Jeffery B.	ME	BE	1996
	MET	AAS	1978	Burns, Kevin L.	EET	AAS	1977
Buczek, Michael J.	ME	BE	1971			BSAS	1978
		MS	1975	Burns, Mark R.	EET	AAS	1980
Budd, Richard	EE	BE	1960			BSAS	1982
Budinsky, Charles R.	ME	BE	1976	Burns, Nancy M.	EE	BE	1981
Budinsky, Edward R. Jr.	IE	BE	1970	Burns, Patrick G.	EE	BE	1970
Buffone, Robert	CE	BE	1970	Burns, Richard	ME	BE	1983
Bufwack, George C.	EET	AAS	1981	Burns, Robert R.	EET	AAS	1983
Bufwack, Pamela S.	Cmp.T.	AAS	1975			BSAS	1988
Bugby, David S.	IE	BE	1960	Burns, Robert W.	Cmp.T.	AAS	1987
Bugby, Gordon Lee	CE	BE	1962	Burnworth, Kevin L.	ME	BE	1999
Bugos, Edward J.	CE	BE	1992	Burr, Lyle E.	IE	BE	1978
Bugos, Michael P.	EET	BSAS	1986	Burr, Richard Allen	EE	BE	1982
Buhecker, Michael R.	MET	AAS	1981	Burr, Ronald Wayne	ME	BE	1971
		BSAS	1989	Burrelli, Carla J.	IE	BE	1991
Bukowski, Robert J.	EET	BSAS	1988	Burris, Glenn S.	EET	AAS	1983
Bukta, Anthony J.	Ch.E.	BE	2006	Burrows, Jeffrey C.	EE	BE	1987
Bulkley, David H.	EET	AAS	2009	Burrows, Linda M.	EE	BE	1988
	EET	BSA	2010	Burt, Stephen F. W.	IE	BE	1989
Bullen, Judith A.	Cmp.T.	AAS	1983	Burton, Donald E.	EET	AAS	1978
Bullock, Donald R.	EE	BE	1981	Burton, Pamela I.	Cmp.T.	AAS	1985
Bulmer, Harry R.	EE	BE	1965			BSAS	1985
Bunkley, William	CE	BE	1954	Bury, Mary C.	Cmp.T.	AAS	1981
Bunosky, Thomas J.	CE	BE	1982	Bury, Robert J.	IE	BE	1972
Burch, Amy R.	EET	BSA	1996	Busby, Justine Faye	CS	BS	2008
Burcsak, Louis M.	IE	BE	1973	Busch, Heather J.	ME	BE	2003
Burden, Edward R.	EE	BE	2010	Busciglio, Ciro	ME	BE	1961
Burford, Thomas D.	MET	AAS	1984	Bush, Andrew S.	IT	BSA	2008
Burger, John T.	DDT	AAS	1995	Bush, Floyd C.	EET	AAS	1973
Burgess, Charles W.	ME	BE	1988	Bush, George William	ME	BE	1989
Burgess, Richard B.	IE	BE	1967	Bush, Jean E.	Cmp.T.	BSAS	1984
Burgett, Robert A.	CET	BSAS	1978	Bush, Susan	Cmp.T.	AAS	1985
Burgham, Thomas B.	EET	BSAS	1987			BSAS	1987
Burich, Christopher M.	ME	BE	2005	Bush, William S.	EET	AAS	1984
Buritica, George M.	EE	BE	1981			BSAS	1985
Burke, Barry A.	Cmp.T.	BSAS	1988	Bush, Robert	MET	AAS	1991
Burke, Daniel P.	IE	BE	1983	Busick, Louis M.	ME	BE	1984
Burke, James	EET	AAS	1980	Busonik, Sharon M.	Cmp.T.	AAS	1982
		BSAS	1981	Busser, Donald S.	MET	AAS	2006
Burke, James P.	EE	BE	1995	Butch, Amy R.	EET	BSAS	1996
Burke, John J.	Mt.E.	BE	1970	Butch, Richard S.	CE	BE	1965
Burke, Mary E.	Cmp.T.	AAS	1981	Butler, Kevin P.	Ch.E.	BE	1995
Burke, Mary K.	DDT	AAS	1991	Butryn, Thomas F.	ME	BE	1966
Burke, Theodore Emery	ME	BE	1971	Butterfield, Ronald B.	Ch.E.	BE	1980
Burke, William Albert	EE	BE	1953	Buttermore, Harry R.		BE	1962
Burkert, Timothy F.	CE	BE	1984	Butto, Dana A.	IE	BE	1983
		MS	1989	Buxbaum, Matt P.	I&SE	BE	1996
Burkert, Julie S.	CE	BE	1990	Buxton, Bruce E.	Cmp.T.	AAS	1976
Burkett, George Jr.	ME	BE	1960	Buzulencia, George	EET	AAS	1976
Burkett, Shawn N.	EET	BSAS	1988			BSAS	1978
Burkey, John R. III	ME	BE	1984	Byce, Michael S. Jr.	EET	AAS	1986
Burkey, Kenneth L.	EET	BSAS	1983	Byerly, David J.	DDT	AAS	1978
Burkhart, John F.	EET	BSAS	1981	Byers, Jeffrey A.	Cmp.T.	AAS	1983
Burkleca, Rachel	Ch.E.	BE	1990			BSAS	1984
Burko, John M.	Ch.E.	BE	1983	Byers, Timothy	EET	AAS	1988
Burleson, Donald E.	Mat.Sci	BE	1974			BSAS	1994
		MS	1979	Byrddy, David	Cmp.T.	AAS	1986
Burleson, Elizabeth A.	Mat.Sci	BE	1974	Byrddy, James	EET	AAS	1980
		MS	1979			BSAS	1982
Burley, Ralph Donald	ME	BE	1955	Byrom, Raymond F.	CE	BE	1979
Burnfield, Kenny	CET	AAS	2008	Cable, John Milton	Ch.E.	BE	1972

Caddes, Russell	MET	AAS	1991	Cannell, Robert M.	EET	AAS	1983
Cadena, Jorge		BE	1995	Cannon, Daniel T.	IE	BE	1973
Cadena, Jorge E.	Ch.E	BE	1996	Cannon, Edward A.	ME	BE	1967
Cadman, Brian L.	EE	BE	1997	Cantanzriti, Richard N.	EET	BSAS	1983
Cadman, Larry L.	EET	AAS	1975	Cantave, Jean C.	EE	BE	2003
Cagliuso, Joseph V.	MET	BSAS	1986	Cantelmi, Gary Edward	ME	BE	1986
Cagna, Richard J.	ME	BE	1958	Cantelmi, James John	ME	BE	1985
Cahill, Eric D.	EE	BE	1981	Cantelmi, James Paul	ME	BE	1959
Cailor, Randall F.	CE	BE	1985	Canton, Albert G.	IE	BE	1993
Cain, Aaron C.	ME	BE	2000	Cantor, Anthony F.	Ch.E.	BE	1971
Cain, Brandon D.	DDT	AAS	2003	Cantwell, Robert J.	CET	AAS	1976
Cain, James Hallie	ME	BE	1983			BSAS	1978
Cain, Leonard D.	EE	BE	2009	Cape, Timothy B.	EE	BE	1986
Cairns, John M.	MET	AAS	1973	Capelli, Joseph M.	EET	BSAS	1985
Caito, Nicholas S.	Ch.E	BE	2004	Capeczuto, Carmen		AAS	1977
Calabria, Samuel Jr.	DDT	AAS	1988	Capito, William H.	Ch.E.	BE	1977
Calcagni, Michael	Cmp.T.	BSAS	1991	Capogreco, Joseph M.	EET	AAS	1983
Calderon, Greg A.	ME	BE	1982			BSAS	1984
Calderon, James T.	CE	BE	1990	Caporossi, Robert W.	CE	BE	1977
Calderon, Jonathan E.	EUT	ATS	2009	Caposell, Charles D.	EE	BE	1968
Calderon, Michael J.	EE	BE	1985	Capp, John A.	CET	AAS	1988
Calderon, Patrick J.	ME	BE	1994	Capp, John A.		BSAS	1994
Caldwell, Adam J.	EE	BE	2007	Capp, Jonathan J.	EE	BE	2010
Caliban, Patrick F.	I&SE	MS	2000	Capp, Joseph P.	Ch.E.	BE	1980
Calkins, James D.	ME	BE	1996	Cappello, Joseph W.	EET	AAS	1976
Calko, David P.		BE	1972			BSAS	1977
Calko, John Jr.		BE	1973	Cappitte, Michael J.	EET	AAS	2002
Calko, Thomas M.	ME	BE	2006			BSAS	2004
Callahan, Dorothy	Cmp.T.	AAS	1989	Caprancia, Anthony P.	Cmp.T.	AAS	1979
		BSAS	1991	Capretta, David	Cmp.T.	AAS	1987
Callard, Marylynn	Cmp.T.	AAS	1982	Capuano, Marc V.	Ch.E	BE	2009
Callihan, Patrick F.	Mat.E.	BE	1993	Capuano, Mark A.	Ch.E.	BE	1975
	I&SE	MSE	2000	Caputo, John V. Jr.	EE	BE	1983
Calo, Philip	Cmp.T.	AAS	1987	Caraccia, Joseph	EE	BE	1979
Calpin-Larsen, Kathe L.	Cmp.T.	AAS	1982			MS	1988
Caluory, David L.	CET	AAS	1974	Caralla, Tonya N.	Ch.E	BE	2002
Calvaruso, Joyce	Cmp.T.	AAS	1989	Carano, Donald J.	ME	BE	1967
Calvaruso, Richard M.	EE	BE	1989	Carano, Joe	Cmp.T.	BSAS	1981
Calvaruso, Thomas J.	Mat.Sci.	BE	1979	Carano, John	MET	AAS	1994
		MS	1983		MET	BSA	1995
Calvin, Timothy R.	ME	BE	1972	Carano, Joseph M.	CET	AAS	1979
Camacci, Cynthia L.	Ch.E.	BE	1981			BSAS	1986
Camacci, John P.	Ch.E.	BE	1981	Carano, June R.	IE	BE	1983
Camacho, Salvador	Ch.E.	BE	1960	Carano, Ronald L.	CET	AAS	1984
Cameron, Douglas R.	EE	BE	2005			BSAS	1990
Cameron, Joseph Arnold	ME	BE	1977	Caras, Janeen R.	CET	AAS	1982
Cameron, Joseph R.		BE	1977			BSAS	1985
Campa, Jane E.	IE	BE	1986	Caraway, James W.	EE	BE	1994
Campana, Anthony A.	IE	BE	1990	Carbon, John J.	MET	AAS	1976
Campana, Gene A.	IE	BE	1960			BSAS	1979
Campana, Thomas J.	EE	BE	1989	Carbone, Carmine A.	CET	BSAS	1978
Campbell, Amanda	EE	BE	2009	Carbone, Emilio M.	Cmp.T.	BSAS	1986
Campbell, James H.	ME	BE	1951	Carbone, Michael A.	EET	AAS	1979
Campbell, James R.	CE	BE	1978			BSAS	1982
Campbell, Joseph W.	IE	BE	1972	Carchedi, Frank P.	IE	BE	1964
Campbell, Kevin L.	EE	BE	1993	Carchedi, Matthew S.	MET	BSAS	2005
Campbell, Kevin W.	Cmp.T.	BSAS	1983	Cardarelli, Daniel A.	CET	AAS	1983
Campbell, Matthew J.	ME	BE	2006	Carducci, Donald L.	Cmp.T.	AAS	1986
Campbell, Scott W.	Ch.E.	BE	1981			BSAS	1989
Campbell, Thomas J.	ME	BE	2004	Carducci, Richard P.	EE	BE	1992
Campbell, Thomas Lee	ME	BE	1975	Carey, Brian	EET	AAS	1989
Campbell, Timothy L.	EET	BSAS	1982			BSAS	1991
Campbell, William J.	EET	AAS	1978	Carey, Douglas L.	EET	BSAS	1978
Campbell, William J.	EET	AAS	2003	Carfangia, Alfred	Cmp.T.	AAS	1990
Campean, John S.	Cmp.T.	AAS	1984	Carfangia, Roger	MET	AAS	1984
Campean, Thomas	EET	AAS	1993			BSAS	1985
Campman, James P.	EE	BE	1960	Carfano, Kerry	EET	AAS	1992
Campman, John P.	EE	BE	1989			BSAS	1993
Campman, Robert A.	EET	BSAS	1987	Carfora, Cory V.	CE	BE	2000
Cancio, Kathleen	Cmp.T.	AAS	1982	Carfora, Ralph	EET	AAS	1984
Candio, Joseph	Ch.E.	BE	1970			BSAS	1988
Candor, Dennis J.	CE	BE	1972	Cario, Joseph	CET	BSAS	1986

Carissimo, Daniel J.	EE	BE	1980	Cassell, William V.	Met.E	BE	1962
Carkido, Michael O.		BE	1972	Castiglione, Charles J.	MET	BSAS	1985
Carkido, Wayne A.	CET	BSAS	1982	Castilla, Gary A.	Cmp.T.	AAS	1988
Carl, James A.	EE	BE	1971	Castle, Chelyse R.	ME	BE	2009
Carlisle, Thomas L.	Cmp.T.	AAS	1984	Casto, David A.	EUT	ATS	2009
Carlisle-Morgan, Karen L.	IE	BE	1987	Castor, Dominic J.	EET	AAS	2003
Carlson II, Philip R.	ME	BE	2008		EET	BSA	2004
Carlson, John T.	ME	BE	1990	Castronova, Dante J.	CE	BE	1997
Carlson, Catherine L.		BE	1984	Caswell, Vincent J.	Ch.E.	BE	1980
Carlson, Eric D.	EET	AAS	1997	Cataldi, David A.	IE	BE	1983
		BSAS	2001	Cataline, Charles F.	ME	BE	1973
Carlson, Jeffrey W.	MET	BSAS	1988	Catchpole, Larry A.	EET	AAS	1977
Carlson, Robert L.		BE	1979	Catullo, Joseph F.	CE	BE	1961
Carlton, Lawrence	EET	BSAS	1989	Catullo, Maria T.	CE	MS	1995
Carman, Daniel Ray	ME	BE	1991	Causer, Matthew D.	EET	AAS	1996
Carmichael, Allison N.	CET	AAS	1998	Causer, Mark S.	CE	BE	1994
		BSAS	2000	Cavanaugh, Matthew P.	CE	BE	1979
Carnahan, Keith A.	Mngt.E.	BE	1979	Cave, Renee	Cmp.T.	BSAS	1989
Carney, George T.	EET	AAS	1973	Caven, Robert W. Jr.	EE	MS	1990
	EET	BSA	1976	Cavender, David A.	EE	BE	1986
Carney, John P.	DDT	AAS	1980	Caye, Charles Edward	ME	BE	1987
Carney, Kelly M.	CE	BE	1995	Caye, Mark Allen	ME	BE	1987
Carney, Kevin J.		BE	1984	Caylor, William	EET	BSAS	1992
Carney, Kevin J.	EE	BE	2007	Cayson, Joshua	IT	BSAS	2007
Carney, Kevin M.		BE	1995	Cejer, Christopher	EET	BSAS	1988
Carney, Maureen	Cmp.T.	BSAS	1990	Celio, Joseph C.	EE	BE	1972
Carney, Timothy D.	MET	BSAS	1982	Celio, Matthew F.	EE	BE	2006
Carney, William J.	Cmp.T.	AAS	1977	Cendroski, Raymond L.	EE	BE	1974
Carnie, William T.	IE	BE	1958	Centofanti, Anthony	EET	BSAS	1989
Caro, Arthur M. Jr.	EET	AAS	1979	Centofanti, Dante Jr.	EET	AAS	1984
		BSAS	1981			BSAS	1989
Carothers, Bernard E.	Mt.E.	BE	1971	Centofanti, Pete A.	MET	AAS	1985
Carpenter, Benjamin	EUT	ATS	2009			BSAS	1986
Carpenter, Kevin M.	I&SE	MS	2000	Centorame, Michael	CE	BE	2007
Carr, James Paul	ME	BE	1961	Cercone, Cory D.	CET	AAS	2009
Carr, John Francis	EE	BE	1985	Cercone, David	DDT	AAS	1993
Carr, Randy	CET	AAS	1997	Cercone, Gary R.	EET	BSAS	1986
Carris, Joseph	CE	BE	1965	Ceremuga, Joseph T.	ME	BE	2001
Carroll, Greg Arthur	ME	BE	1973	Ceremuga, Lorie Lynne	IE	BE	1983
Carroll, Jeffrey P.	Ch.E.	BE	1993	Cerimele, Cynthia M.	Cmp.T.	AAS	1987
Carroll, John Joseph	Ch.E.	BE	1970	Cerimele, Gregory	EET	AAS	1995
Carroll, John Ray	EE	BE	1984		EET	BSAS	1996
Carroll, Matthew T.	CE	BE	2001	Cerimele, Guy Louis	CE	BE	1983
Carroll, Paul	Cmp.T.	BSAS	1991	Cerminara, Joseph F.	IE	BE	1984
Carroll, William T.	Ch.E.	BE	1965	Cerni, Stephen V.	ME	BE	1980
Carsey, Gary L.		AAS	1977	Cernica, John N.	CE	BE	1954
Carson, John R. Jr.	ME	BE	1981	Cernica, Mary Patricia	CE	BE	1992
Carson, Ralph	Cmp.T.	AAS	1989	Cernock, Lawrence J.	ME	BE	1966
Carson, Robert	EET	AAS	1976	Cerny, William R.	CE	BE	1977
Carson, Todd W.	CET	AAS	2002	Cerzosimo, Diego P.	EE	BE	2009
Cartar, Dominic J.	EET	AAS	2003	Cesene, Jeremy A	CE	BE	2008
		BSAS	2004	Cevera, James J.	Cmp.T.	AAS	1987
Carter, Janice L.	EET	AAS	1985	Chab, Donald E.	Mat.Sci.	MS	1988
Carter, Jaymes A.	Mt.E.	BE	1969	Cachko, William J.	MET	AAS	1983
Carter, William A.		BE	1972			BSAS	1986
Cartwright, Christopher G.	MET	AAS	1987	Chadwick, Edward H.	Cmp.T.	AAS	1973
		BSAS	1989	Chadwick, John Edwin	ME	BE	1963
Cartwright, Mark A.	Cmp.T.	AAS	1985	Chaichatmongkol, Sittisak	EE	MS	1970
Caruso, Alessio	CET	BSAS	2000	Chaffee, Edwin William	ME	BE	1957
Caruso, Anthony J.	Mt.E.	BE	1967	Chakroun, Walid M.	ME	BE	1986
Caruso, Stephen A.	IE	BE	1969	Chalker, Richard A.	ME	BE	1960
Casacia, Edward A.	EET	AAS	1972	Challa, Sasidhar V.	EE	MS	1992
Casal, Joseph R.	I&SE	BE	1998	Chamberlain, Bradley A.	ME	BE	1994
Casalini, Ronald J.	EET	AAS	1984	Chamberlain, John E.	EET	AAS	1984
		BSAS	1990	Chamberlain, Todd A.	CET	BSAS	1987
Case, Leroy Willis	ME	BE	1959	Chambers, Amy Jo M.	CE	BE	1996
Casey, John Paul	ME	BE	1956	Chambers, Jeffrey S.	ME	MS	1994
Casey, Joseph G.	CE	BE	1957	Champ, Samuel E.	EE	BE	1962
Cashier, Nicholas J. Jr.	EET	AAS	1976	Chanda, Rameth C.	ME	BE	1961
		BSAS	1979	Chandna, Mulk R.	IE	BE	1967
Caskey, Robert R.	EET	AAS	1980	Chandler, Christopher C.	EE	BE	1971
Cassel, Jermeko S.	EE	BE	2006			MS	1976

Chandragholica, Anant	CE	BE	1967				
Chaney, Kenneth	CE	BE	1965				
Chaney, Matthew A.	CE	BE	2010	Chilton, David H.	EET	BSAS	1986
Chang, Chung-Liang	ME	MS	1993			AAS	1982
Chang, Mingter	Mat.Sci.	MS	1986	Chimel, Mark J.	Ch.E.	BSAS	1983
	EE	MS	1988	Chintala, Sanjeevan	ME	BE	1979
Chang, San-Wen	ME	MS	1986	Chintella, Lawrence D.	CET	MS	1980
Chang, SHIH-WEI	ME	MS	1978	Chintella, Leigh M.		BE	1993
Chang, Tsu-Liang	ME	MS	1982	Chiodo, Christopher C.	ME	BE	1983
Chanpong, Dhaksin	IE	BE	1965	Chiodo, Francesca M	CE	BE	2004
Chapella, John W.	EE	BE	1963	Chirdon, Karen R.	Cmp.T.	AAS	1981
Chapin, Terry L.	MET	AAS	1977		EET	BSAS	1984
		BSAS	1980	Chirdon, Mark Allen	EE	BE	1982
Chapman, David Charles	ME	BE	1988	Chisholm, Richard B.	Mt.E.	MS	1972
Chapman, Donald K.	ME	BE	1972	Chismar, Jarrod D.	BIOL	BS	2008
Chapman, Edward C. III	IE	BE	1988	Chismar, John S.	ME	BE	1996
Chapman, Frederick R.	Mat.Sci.	MS	1980	Chismark, James D.	Cmp.T.	AAS	1983
Chapman, Guy R.	IE	BE	1950			BSAS	1986
Chapman, John L.	EET	AAS	1978	Chitraarporn, Phaiboon	CE	MS	1985
Chapman, Keith A.	Cmp.T.	AAS	1986	Chizmar, Jeffrey D.	EE	BE	2009
Chapman, Randall K.	EET	AAS	1988	Chizmar, John E. Jr.	CE	BE	1978
		BSAS	1990	Chlebus, John	MET	AAS	1990
Chapman, Richard A.	Ch.E.	BE	1983	Chlebus, Brian M.	CE	BE	2003
Chapman, Ronald Paul	ME	BE	1972		C&EE	MSE	2004
Charif, Jaoudat S.	CE	BE	1982	Chlebus, Sheilla	MET	BSAS	1993
		MS	1986	Chlumecky, Peter N.	EE	BE	1980
Charif, Malek Mohamad	ME	BE	1986	Chmielewski, George A.	CE	BE	1960
Charignon, John J.	ME	BE	1990	Chmura, Frank G.	EE	BE	1978
		MS	1994	Chojnacki, Edmund A.	DDT	AAS	1979
Charnas, Christ C.	EET	AAS	1984	Chokshi, Bharat K.	Ch.E.	BE	1971
		BSAS	1986	Choleva, John R.	IE	BE	1975
Charnoky, Michael J.	EE	BE	1981	Chongchareonrat, Vorawoot	ME	BE	1972
Charny, John S.	ME	MS	1995	Chongong, Dhaksin		BE	1965
Chasebi, Esfandiar	EET	BSAS	1981	Choomsuvana, Teeraj	CE	MS	1970
Chatburn, Kerry L.	Cmp.T.	AAS	1982	Chop, Edward J. Jr.	EET	AAS	1972
Chatburn, Robert Gene	ME	BE	1957	Chopko, Robert Albert	ME	BE	1974
Chattman, Johnie M.	EET	AAS	1984	Chordas, Frederick	MET	AAS	1994
Chattopadhyay, Gautam	Mat.Sci.	MS	1982		MET	BSAS	1996
Chaudhary, Kaushikkumar M.	ME	BE	1977	Choudry, Mahmood S.	Mat.Sci.	MS	1990
		MS	1981	Choung, Jongwha	EET	BSAS	1984
Chauhan, Guntant J.	CE	MS	1972	Chovan, Joseph B. Jr.	EET	AAS	1973
Chavers, Lisa R.	Ch.E	BE	2004	Christmas, Robert G.	ME	BE	1984
Chaya, Michael	EET	BSAS	1993	Christ, James M.	IE	BE	1986
Chec, Lawrence H.	Ch.E.	BE	1971	Christ, Kathleen Ann	IE	BE	1983
Chellinsky, Terry A.	IE	BE	1978	Christie, Brock A.	EE	BE	2010
Chen, Chi Cheng	ME	MS	1983	Christein, John P.	CE	BE	1980
Chen, Chuo C.	CE	BE	1976	Christoff, David J.	Cmp.T.	AAS	1982
Chen, Jyan-Bang	EE	MS	1989			BSAS	1984
Chen, Lin	EE	MS	1995	Christopher, John J.	CET	BSA	1996
Chen, Peng-Lung T.	EE	MS	1987	Christou, Argirios	EE	BE	2002
Chen, Yan	CE	BE	1982	Christou, Christiana	CE	BE	2001
Chen, Zimei	ME	MS	1992		C&EE	MS	2002
Cheney, Ronald P. Jr.	ME	BE	1994	Chrobak, Theodore S.	Ch.E.	BE	1962
Chermansky, Edward F.		BE	1962	Chuey, Daniel D.	EET	AAS	2001
Chernushin, Shawn A.	ME	BE	2006			BSAS	2006
Cheslik, Thomas E.	EET	AAS	1982	Chuey, Gretchen M.	EE	BE	2001
		BSAS	1985	Chuey, Phillip F.	EE	BE	1983
Chess, Daniel L.	EET	BSAS	1985	Chuey, Wendy A.	Cmp.T.	AAS	1984
Chester, Matthew J.	EUT	ATS	2009	Chuhanic, Edward J.		BE	1955
Chetsko, John	MET	AAS	1992	Chuhanic, Catherine A.	Cmp.T.	AAS	1981
		BSAS	1984	Chulya, Abhisak	CE	MS	1982
Chetsko, John E.	I&SE	BE	2006	Chumita, George R.	Ch.E.	BE	1960
Cheung, Wing C.	CET	AAS	1972	Chung, Wen-Chiang	Mat.Sci.	MS	1984
Cheverlharan, Kathirgamu	I&SE	MS	2000	Chungcharoen, Ekachidd	EE	MS	1991
Chheda, Ramesh Gangji	ME	MS	1971	Chupak, John Marvin	ME	BE	1974
Chiarella, April E.	Mat.E.	BE	1993	Chuparkoff, Theodore	ME	BE	1954
Chicattelli, Donald A.	ME	BE	1983	Churlik, Adrienne M.	ME	BE	1988
Chicko, Vincent A.	CE	BE	1960	Churlik, Paul	EET	BSAS	1989
Chicone, Paul F.	ME	BE	1994	Churlik, Ronald L.	EET	AAS	1971
Childers, David J.	EET	AAS	1987			BSAS	1975
Chill, Ryan C.	EUT	ATS	2004	Ciabattoni, Anthony	Cmp.T.	BSAS	1993
Chill, Thomas J. Jr.	EET	AAS	1985	Ciabattoni, Carol J.	Cmp.T.	AAS	1983
				Ciabattoni, Chris	Cmp.T.	AAS	1992



Ciacone, Impero I.	CE	BE	1960	Clemente, Patrick T.	EE	BE	1999
Cianciolo, Gary J.	Cmp.T.	AAS	1982	Clever, Ronald L.	Cmp.T.	AAS	1973
Cibula, Jon M.	EET	AAS	1981			BSAS	1976
Cibula, Peter R. Jr.	EE	BE	1986	Cliffe, Robert C.	EE	BE	1965
Cica, Nikola	Mat.E.	BE	1994	Clinton, William D.	CE	BE	1973
Cica, Vladimir	CE	BE	1991	Cline, David R.	MET	BSAS	2003
Ciccarelli, William P.	EET	AAS	2003	Cline, John H.	Mt.E.T.	AAS	1976
		BSAS	2003	Cloran, Shawn David	ME	BE	1988
Cicciarello, Frank J.	IE	BE	1987	Close, David A.	ME	BE	1992
Ciccone, Anthony M.	BE	BE	2003	Clossman, Jeffrey M.	CE	BE	1972
Ciccone, Brianne N.	Ch.E	BE	2010	Clossman, Kevin W.	Cmp.T.	AAS	1975
Ciccone, Dennis M.	EE	BE	1982	Clouser, Paul L.	EET	BSAS	1987
Ciccone, Michael C.	ME	BE	2005	Clovesko, Timothy A.	ME	BE	1988
Ciccotelli, Angela M.	Cmp.T.	AAS	1984	Clower, Gary W.		BE	1995
		BSAS	1986	Clower, Gary W.	C&EE	MS	1998
Cichoski, Lee Regis	ME	BE	1964	Clower, Travis M.	ME	BE	1994
Cico, James P.	MET	AAS	1976	Clowes, Donald	EET	AAS	1993
Cico, Larry A.	EE	BE	1968	Clute, Merlin L.	CE	BE	1963
Cifra, Edward D.	MET	AAS	1988	Coakley, Brent D.	EE	BE	2005
Cigolle, John A.	EE	BE	1960	Coast, Mark R.	EET	AAS	1981
Cihan, Kevin M.	Ch.E.	BE	1996		MET	BSAS	1983
Ciminero, Ronald N.	EE	BE	1965	Cobourn, Lee A.	CE	BE	1963
Cimperman, Leonard J.	CE	BE	1996	Cockrell, Mark K.	MET	BSAS	1985
Cintron, Mirta	CET	AAS	1990	Coffin, James R.	EET	AAS	1980
	CET	BSA	1992	Cogan, Daniel P. Jr.	CET	BSAS	1989
Ciulli, Michael P.	CE	BE	2001	Coggins, Clinton	EET	AAS	1990
Cione, Gerald A.	EE	BE	1968			BSAS	1993
Cipollone, Beverly	Cmp.T.	AAS	1984	Coggins, Craig J.	I&SE	BE	2000
Cipriano, William M.	EE	BE	1982	Cohen, David N.	ME	BE	1982
Cirelli, Albert Joseph	ME	BE	1971	Cohilas, Alex	Cmp.T.	AAS	1976
Cirelli, Francis D.	ME	BE	1996			BSAS	1980
Cirka, Gerald Thomas	ME	BE	1973	Cohol, Marianne	Cmp.T.	AAS	1984
Cirka, Ronald M.	IE	BE	1969			BSAS	1986
Ciszewski, Walter C.	EE	BE	1981	Cohol, William P.	EE	BE	1958
Citarella, Mathew J.	ME	BE	2009	Coiner, Christine A.	Cmp.T.	AAS	1985
Citino, Robert E. Jr.	ME	BE	1981	Colangelo, Joseph C.	ME	BE	1964
Clair, Eugene E. R. III	EE	BE	1979	Colapietro, Angelo P.	Cmp.T.	AAS	1971
Clare, Jacquelyn E.	Cmp.T.	AAS	1983	Colatruglio, Joseph	Cmp.T.	AAS	1973
Clark, Christopher	MET	B.S.A.	1991	Colburn, Francis	EET	BSAS	1992
Clark, Curt L.	EET	AAS	1983	Colburn, Stephen A. Jr.	CET	AAS	1980
		BSAS	1984			BSAS	1983
Clark, Forest W.	CE	BE	1951	Colby, Frederick B.	EE	BE	1947
Clark, Forest P.	ME	BE	1953	Cole, Brian	EET	AAS	1989
Clark, Harry J.	EE	BE	1959			BSAS	1993
Clark, James E.	EET	AAS	2009	Cole, Paul Edwin	ME	BE	1983
Clark, James T.	PPT	ATS	2007	Cole, Robert A.	CET	BSAS	1978
Clark, John Roy	EE	BE	1950	Colella, Mark R.	MET	AAS	1985
Clark, Judy L.	Cmp.T.	AAS	1980			BSAS	1987
Clark, Kenneth A.	Ch.E.	BE	1974	Coleman, Abe A.	ME	BE	1950
Clark, Kenneth A.	EE	BE	1974	Coleman, Anthony J.	Cmp.T.	AAS	1984
Clark, Kenneth J.	Ch.E.	BE	1988			BSAS	1989
Clark, Kevin Raymond	CIS	BS	2008	Coleman, Charles E.	CE	BE	1958
Clark, Lawrence R.	EET	AAS	1978	Coleman, John H.	EET	AAS	2010
Clark, Michael J.		BE	1995	Coleman, Lisa M.	IE	BE	1989
Clark, Patricia A.	EET	AAS	1996	Coleman, Patrick A.	ME	BE	2009
		BSAS	1996	Coliadis, Charles	EE	BE	1983
Clark, Robert D	EE	BE	1987	Coliadis, Paul	ME	BE	1976
Clark, Robert H. Jr.	ME	BE	1952	Coller, Maryann	Cmp.T.	AAS	1981
Clark, William L.	Mt.E.	BE	1985			BSAS	1983
Clarke, Lawrence S.	EE	BE	1975	Coller, William T.	Cmp.T.	BSAS	1985
Clarkson, Ronald Curtis	ME	BE	1970	Collett, Greg J.	MET	AAS	1981
Clayton, Thomas J.	CE	BE	2010			BSAS	1983
Cleary, Frederick M.	ME	BE	1986	Colley, Dean T.	Cmp.T.	AAS	1982
Cleghorn, Russell J.	MET	AAS	1974			BSAS	1984
		BSAS	1978	Collins, David A.	IE	BE	1974
Cleghorn, Thomas J.	CET	AAS	1973	Collins, George M.	ME	BE	1993
		BSAS	1977	Collins, Jason R.	EET	AAS	2004
Cleland, William W.	EET	BSA	1995	Collins, Kevin S.	EUT	ATS	2009
Clemens, Diane	Cmp.T.	AAS	1990	Collins, Nancy J.	MET	AAS	1983
Clemens, Steven M.	CET	BSAS	1997	Colon, Hector D.	EET	AAS	1979
Clemente, Neil J.	MET	AAS	1978			BSAS	1982
		BSAS	1980	Colon, Joseph	IE	BE	1985

Colonna, Pat J.	MET	AAS	1999	Cooper, Brian	EET	BSAS	1997
Colson, David A.	Mt.E.	BSAS	2000	Cooper, Charles R.	IE	BE	1963
Colter, James L.	CE	BE	1962	Cooper, Cynthia Sue	ME	BE	1985
Colton, Richard J	EET	BE	1987	Cooper, John C.	PPT	ATS	2007
	EET	BSAS	2008	Cooper, Kenneth A.	CE	BE	1979
Colucci, Gene R.	EE	AAS	2007	Cooper, Mark L.	EE	BE	1978
Combs, David M.	EE	BE	1977	Cooper, Philip F.	Ch.E.	BE	1982
Como, Michael M.	CE	BE	1977	Cooper, Robert Fred	ME	B.S.	1949
Comparato, Joseph J.	CET	AAS	1973	Cooray, Jude C.		BE	1995
Condo, Edward Paul	CE	BE	1956	Cope, Bradford T.	ME	BE	1994
	ME	BE	1979	Cope, Clark Lee	EUT	ATS	2008
		MS	1985	Cope, Neil Kent	CE	BE	1979
Condoleon, George J.	Ch.E.	BE	1989	Cope, Roger L.	ME	BE	1995
Conglose, Carmen S.	CE	BE	1951	Cope, Sean D.	EUT	ATS	2010
Conkle, Justin C.	CET	AAS	2003	Copeland, Andrew J.	MET	AAS	2009
		BSAS	2004	Coppage, Michael D.	CE	BE	2006
Conklin, Cloud M. Jr.	EE	BE	1950	Cora, Ralph Jr.	Cmp.T.	AAS	1989
Conko, Eric K.	EE	BE	1988	Corbley, John W.	EUT	ATS	2009
Conley, John	EET	AAS	1993	Corcoran, Thomas N.	DDT	AAS	1991
Conley, Joseph S.	Cmp.T.	AAS	1983	Corfias, Irene	Ch.E.	BE	1985
Conley, Walter W.	ME	BE	1951	Corl, Michael Allen	ME	BE	1977
Conley, Yvonne	IE	BE	1987	Corletzi, Ambrose C.	ME	BE	1951
Conn, Paul N.	ME	BE	1997	Corlew, Steven S.	EET	BSAS	1985
Connelly, Brian E.	EE	BE	1987	Corll, Matthew D.	EET	BSA	2009
Connelly, Francis	MET	AAS	1990	Corman Jason A	ME	BE	2009
		BSAS	1991	Cornelius, Daniel J.	ME	BE	1990
Conner, Frederick W.	Ch.E.	BE	1967	Cornelius, Wayne N. Jr.	EE	BE	1992
Conner, Keith Alan	EE	BE	1992	Cornicelli, Maria	Cmp.T	AAS	1988
						BSAS	1989
Connolly, Darcel D.	Cmp.T.	AAS	1972	Corning, Bryan Paul	EE	BE	1989
Connolly, Joseph W.	EE	BE	1966	Corona, Kevin	EET	BSAS	1988
Connor, William P.	CE	BE	1964	Corona, Sam Paul		BE	1973
Connors, Thomas M.	Cmp.T.	AAS	1976	Cornwell, Stanley R.	ME	BE	1950
Conrad, Sean P.	CET	BSAS	1996	Corsale, Matthew L.	ME	BE	2007
Conrad, Sidney R.	CE	BE	1964	Corsello, Lawrence S.	EE	BE	1968
Conrecode, Thomas E.	CE	BE	1983	Corso, Anthony J.	DDT	AAS	1990
Conroy, James E.	CE	BE	1973	Corso, Anthony J.	MET	BSAS	2001
Conroy, Martin J.	EE	BE	1960	Corso, David A.	CET	AAS	1980
Constantine, M. Bruce	EET	AAS	1972	Corsello, Larry S.	EE	BE	1968
		BSAS	1975	Corsette, Mark A.	MET	AAS	1979
Constantine, Mary Beth	Cmp.T.	AAS	1975			BSAS	1983
Constantinovich, David	EE	BE	1981	Cortell, Dominick J.	CE	BE	1961
Conti, Wallace Vitus	ME	BE	1957	Cortes, Carlos	CET	BSAS	1998
Conway, Bruce E.	EET	AAS	1996	Corti, Mathew D.	EET	AAS	2007
Conway, James E.	MET	BSAS	2001	Corturillo, Anthony P.	EE	BE	1985
Conway, James E.	I&SE	MS	2003	Costakis, William	EE	BE	1963
Conway, Mace Edward	EE	BE	1988	Costantini, Brian	DDT	AAS	2009
Conway, Mark D.	CE	BE	1976	Costanza, John C.	EE	BE	1971
Conway, Michael Edward	ME	BE	1976	Costarell, Michael D.	CE	BE	1989
Conway, Michael R.	Cmp.T.	AAS	1983	Costarella, Adam	Ch.E	BE	1972
Conway, Paul Joseph	ME	BE	1977	Costello, John Anthony	ME	BE	1991
Conway, Thomas J.	IE	BE	1994	Costello, Rocky C.	Ch.E	BE	1974
Conzett, Kathryn L.	ME	BE	2005	Costello, Sidney W.	Ch.E	BE	1971
Conzett, Kenneth S.	IE	BE	1985	Costlow, Joshua James	EUT	ATS	2008
Cook, Caron L.	Cmp.T.	AAS	1982	Couch, Thomas J.	EE	BE	1968
Cook, Donald Grant	ME	BE	1963	Coughlin, John E.	EE	BE	1967
Cook, Gregory	CE	BE	2007	Coulter, Arthur B.	EET	AAS	2010
Cook, James V.	ME	BE	1950	Coupland, James D.	CE	BE	2005
Cook, Kenneth	Cmp.T.	AAS	1990	Court, John Clyde	ME	BE	1963
Cook, Mark E.	ME	BE	1990	Courtney, David J.	EUT	ATS	2010
Cook, Pamela M.	Cmp.T.	AAS	1988	Courtney, Dennis	EET	BSAS	1988
		BSAS	1991	Courtney, James T.	MET	AAS	1976
Cook, Roderick	EET	AAS	1980			BSAS	1988
		BSAS	1983	Courtney, Gale Lynn	ME	BE	1971
Cook, Travis	EE	BE	2009	Courtwright, James A.	CET	AAS	1985
Cooke, Rebecca	Cmp.T.	BSAS	1990			BSAS	1987
Cooley, Gregory G.	EET	AAS	1978	Coury, Richard A.	IE	BE	1968
		BSAS	1984	Coury, Robert	MET	AAS	1986
Cooley, Robert E. III	EE	BE	1963	Coury, Robert P.	MET	BSAS	1997
Cooley, Ronald L.	Cmp.T.	AAS	1987	Cousin, Dale V.	EE	BE	1984
Coollidge, Gregory T.	MET	BSAS	1982	Cousins, Donna L.	ME	BE	2004
Cooper, Brian	EET	AAS	1993	Covelli, Frank John	EE	BE	1948

Cover, Alverta E.	IE	BE	1968	Criswell, Thomas G.	CE	BE	1961
Cover, Katherine	Cmp.T.	AAS	1986	Crittenden, Jerry R.	ME	BE	1991
Cover, George G.	Ch.E.	BE	1977	Crittenden, Lester T. III	Ch.E.	BE	1978
Cover, John E.	ME	BE	1968	Crittenden, Thomas R.	EE	BE	1982
Cover, Jon W.	EET	BSAS	1980	Croach, Joseph	Cmp.T.	AAS	1989
Covert, John C.	CE	BE	1991	Crocker, Debra V.	Cmp.T.	AAS	1984
Cowan, Jeremy	Ch.E.	BE	2009	Crocker, Nathan R.	DDT	AAS	1997
Cowan, William L.	CE	BE	1989	Crockett, Denisha K.	EET	AAS	2006
Cowles, Leon Matthew	ME	BE	1980			BSAS	2007
Cowley, Robin L.	Cmp.T.	AAS	1983	Cronenwett, Charles J.	EET	AAS	1977
Cox, Daniel Edward	EUT	ATS	2008			BSAS	1979
Cox, Darrell H.	Cmp.T.	AAS	1986	Cronenwett, Ronald A.	EE	BE	1979
		BSAS	1993	Cronenwett, Ronald P.	EE	BE	1985
Cox, Gerald D.	EET	AAS	1984	Cronin, Daniel P.	IE	BE	1992
		BSAS	1985	Crook, Michelle R.	EE	BE	2006
Cox, Larry N.	Cmp.T.	AAS	1972	Crook, Philip N. Jr.	EET	AAS	1982
Cox, Natale R.	Cmp.T.	AAS	1983			BSAS	1982
Cox, Steven W.	CE	BE	2006	Crosbie, Richard J.	CE	BE	1963
Coy, Kevin	EE	BE	2007	Crosby, John A.	CET	AAS	2003
Coy, Philip Dean	ME	BE	1984			BSAS	2004
Coy, Robert W.	EE	BE	1950	Cross, James R.	EE	BE	2005
Coy, Timothy J.	EE	BE	1998	Cross, Kenneth T.	ME	BE	1976
Crabtree, Richard H.	Cmp.T.	AAS	1975	Cross, Larry Alan	ME	BE	1981
		BSAS	1977	Crouse, Ralph W.	ME	BE	1985
Cracraft, Christopher	EE	BE	1992	Crouse, Robert		AAS	1994
Cracraft, Donald K.	CE	BE	1950	Croutch, Michael R.	ME	BE	2003
Crafton, Jay A.	CET	AAS	1988	Crown, Kenneth G.	ME	BE	2003
Craig, Amy R.	CET	AAS	1998	Crownover, William S.	Mt.E.	BE	1956
Craig, Charles E. Jr.	ME	BE	1969	Croyle, Dannie	EET	BSAS	1991
Craig, Dennis E.	Ch.E.	BE	1977	Croysdale, Herbert Ray	ME	BE	1951
Craig, Jason R.	MET	AAS	1996	Croysdale, Kenneth S.	EE	BE	1977
Craig, Robert A.	Ch.E.	BE	1977	Crozier, Richard S.	ME	BE	1990
Craig, Robert W.	CE	BE	1961	Crozier, Thomas M.	EET	AAS	1983
Craig, William S.	Cmp.T.	AAS	1985	Cruikshank, Robert C.	Cmp.T.	AAS	1980
Cramer, Anneliese M.	Cmp.T.	AAS	1986	Cruikshank, Thomas J.	CET	AAS	1996
Cramer, Christine A.	Cmp.T.	AAS	1982		CET	BSA	2006
Cramer, Donald	EET	BSAS	1991	Cruikshank, John T.	IE	BE	1987
Cramer, Richard T.	Ch.E.	BE	1957	Crum, Don L. Jr.	CET	BSAS	1981
Cramer, Roy E.	MET	AAS	1996	Crum, Jared L.	EE	BE	2003
	MET	BSA	1997	Crum, Jason R.	ME	BE	2001
Cravens, Robert M.	Ch.E.	BE	1981	Crum, Robert W.	EE	BE	1966
Craver, Tanya M.	CE	BE	1998	Crumbacher, Ronald E.	ME	BE	1973
Crawford, Brian D.	EET	BSAS	2000	Crumbacher, Thomas A.	MET	AAS	1980
Crawford, Gregg F.	ME	BE	1985	Crump, Edward J.	MET	AAS	1974
Crawford, James F.	EET	BSAS	1988			BSAS	1983
Crawford, John H.	Cmp.T.	AAS	1982	Crump, Eric	EET	BSAS	1985
Crawford, John W.		AAS	1982	Crunkleton, Justin R.	ME	BE	2006
Crawford, Joseph	EET	AAS	1990	Crutchley, James D.	DDT	AAS	2004
		BSAS	1992	Cruz, Ricardo A.	Ch.E.	BE	2004
Crawford, Karen	Cmp.T.	AAS	1991	Crytzer, Robert W.	Ch.E.	BE	1994
Crawford, Michael F.	EUT	ATS	2007	Csernik, Michael S.	Ch.E.	BE	1985
Crawford, Paul Floyd	CE	BE	1953	Csizi, Toni L.	Cmp.T.	BSAS	1984
Creed, Lawrence C.	CE	BE	1985	Cubick, Robert W.	CET	AAS	1981
Creese, Thomas C. IV	Ch.E.	MS	1978	Cucitrone, Ralph F.	Cmp.T.	AAS	1973
Creighton, Pete	MET	BSAS	1993	Cuculic, Ronald J.	EET	BSAS	1979
Creighton, Robert R.	CE	BE	1972	Cugini, Joseph Jr.	ME	BE	1957
Creps, John A.	EE	BE	1950	Cully, Mary A.	Cmp.T.	BSAS	1988
Crespi, Bernard J.	CE	BE	1971	Culp, Jennifer M.	EE	BE	2003
Crews, Timothy R.	EE	BE	1985	Culp, Kerry	Cmp.T.	BSAS	1991
Crichton, James F.	Cmp.T.	AAS	1984	Culp, Raymond C.	MET	AAS	1983
Crider, Paul Robert	ME	BE	1955			BSAS	1985
Crino, Thomas	MET	AAS	1991			BE	1991
Crish, John A.	DDT	AAS	1991	Culver, Leslie A.	Ch.E.	BE	1990
	MET	AAS	1991	Cummings, Michael P.	ME	BE	1989
Crish, Phillip A. Jr.	CE	BE	1966	Cummings, William J.	CET	AAS	1979
Crishon, Daniel	EE	BE	1971	Cunat, Jill A.	Cmp.T.	AAS	1988
Crispen, Richard W.	CE	BE	1950	Cundik, Alec	CE	BE	1951
Crist, Ernest M. Jr.	Mt.E.	BE	1986			MS	1972
	Mat.Sci.	MS	1991	Cundik, Alex L.	DDT	AAS	1984
Cristea, Micrea Lee	EET	AAS	2008			BSAS	1987
Crisucci, Anthony J.	ME	BE	2002	Cunningham, Brian S.	EUT	ATS	2008
Crisucci, Pete Joseph	ME	BE	1974	Cunningham, Chad R.	EET	AAS	1998

Cunningham, Corey A.	EUT	BSAS	2000	Dalton, Scott L.	CET	BSAS	1992
Cunningham, Dale E.	CE	ATS	2010	Daly, Robert J.	EE	B.S.	1947
Cunningham, Donald Ray	EE	BE	1959	D'Amato, Kathleen A.	Cmp.T.	AAS	1983
Cunningham, James C.	Cmp.T.	BE	1984			BSAS	1988
Cunningham, James G.	EE	AAS	1986	D'Amico, Lawrence M.	EE	BE	1975
Cunningham, James R.	EE	BE	1980	D'Amico, Lawrence Sr.	EE	BE	1953
Cunningham, Jeanna L.	EE	MS	2000	Damico, Peter J.	Mt.E.T.	AAS	1976
	CET	AAS	2004	Damon, Gary	Ch.E.	BE	1975
		BSAS	2005	Dan, Thomas G.	EE	BE	1984
Cunningham, Jeffrey S.	EE	BE	1986	Dance, Robert C.	ME	MS	1993
Cunningham, Joseph M.	Cmp.T.	BSAS	1985	Dancheck, Christopher J.	Cmp.T.	BSAS	1982
Cunningham, Mary	Cmp.T.	AAS	1991	Dando, Rebecca L.	Ch.E.	BE	1997
Cunningham, Michael J.	EUT	ATS	2010	Dando, William C.	Ch.E.	BE	1997
Cunningham, Stacey	I&SE	BE	2005	D'Angelo, Eric C.	ME	BE	1997
Cunningham, Thomas E.	BE	BE	2007	D'Angelo, John N.	IE	BE	1959
Cunningham, Thomas F.	EE	BE	1971	Daniari, Saeid	ME	BE	1983
Curatola, James	Cmp.T.	AAS	1977	Danicic, Elizabeth A.	Ch.E.	BE	1972
Curiale, Nick	DDT	AAS	1982	Danicic, Richard J.	Ch.E.	BE	1972
Curl, Michelle A.	DDT	AAS	2009	Daniluk, Stephen M.	Cmp.T.	AAS	1986
Curran, Robert P.	CE	BE	2005	Danish, Scott M.	EET	BSAS	2003
Currie, John R. Jr.	EET	AAS	1977	Danko, Donald J. Jr.	EET	AAS	1987
Curry, Vernette E.	Cmp.T.	AAS	1977			BSAS	1989
		BSAS	1979	Danko, Michael John	EE	BE	1950
Curtin, Constance L.	Ch.E.	BE	1985	Danko, Terrence M.	CE	BE	1973
Curto, Mark Sr.	Cmp.T.	BSAS	1990	Dankoff, Joseph S.	IE	BE	1959
Cuscino, Richard T.	IE	BE	1960	Dankovic, Richard A.	CE	BE	1977
Custer, William T.	EE	BE	1993	Dannery, Joseph M.	ME	BE	1987
Cutlip, david H.	MET	AAS	2010	Dannessa, Dominic A.	ME	BE	1979
Cutrer, Donald J.	CET	BSAS	1991			MS	1982
Cutrer, Fred C. III	EET	BSAS	1986	Dantini, Angie P.	CET	BSAS	1981
Cuva, Mark J.	Ch.E.	BE	1975	Dantonio, Peter N.	IE	BE	1957
Cuzic, John E.	Ch.E.	BE	1974	Danylyk, Donald B.	Ch.E.	BE	1968
Cvelbar, Edward G.	EE	BE	1985	Darby, David	EET	AAS	1991
Cvercko, Agni E.	Ch.E.	BE	2001			BSAS	1992
Cwynar, Joan M.	Cmp.T.	AAS	1973	Darby, David W.	EE	BE	1996
Cwynar, John C.	Mt.E.	BE	1966	Dardarananda, Patarut	CE	MS	1984
Cybulski, Joseph W.	EE	BE	1989	Dargham, Alex M.	CE	BE	1986
Cybulsky, Michael		BE	1973	Darghous, Sam S.	CE	BE	1991
Cykon, James Patrick	ME	BE	1991	Darling, Julia	CE	BE	2008
Cyphert, Aaron T.	EE	BE	2010	Daroski, Theodore M.	IE	BE	1989
Czaczkoski, Edward J.	ME	BE	1962	Darr, Jay Donald	ME	BE	1988
Czarnecki, Jerry Lee	ME	BE	1983	Daru, Vijay C.		BE	1970
Czoka, Kevin P.	ME	BE	2002	Darwich, Mohamad S.	CE	BE	1984
Czopur, Robert J.	Cmp.T.	BSAS	1988			MS	1984
Czuba, Timothy S.	EET	AAS	1980	Das, Arunachal P.	C&EE	MS	1999
		BSAS	1982	Dascenzo, David M.	EET	AAS	1984
Czubek, Frank J.	EET	AAS	1975	Dasen, Thomas	EET	AAS	1989
		BSAS	1977	Dasen, Thomas R.	EET	BSAS	2000
	EE	BE	1986	Dastghaib, Abdollah	IE	BE	1980
Czubek, Richard F.	IE	BE	1974	Dastoli, Anthony F.	EE	BE	1958
Dabney, Charles D.	ME	BE	1971	Dastoli, Benjamin J.	EE	BE	1963
Daff, Patricia A.	Cmp.T.	AAS	1984	Dastarz, Darioush	CE	BE	1973
Daff, Richard A.	Ch.E.	BE	1988	Dattilio, Amy E.	EE	BE	2009
Daffron, Allen Scott	ME	BE	1990	Daugherty, Brian P	CE	BSAS	2008
Daffron, Gerald L.	ME	BE	1967	Daugherty, Harry B.	CE	BE	1970
Daggett, Barry M.	MET	BSAS	1999	Daugherty, James David	ME	BE	1976
Dahl, James G.	CET	AAS	1971	Daum, Ronald E.	CE	BE	1974
Dahlgren, Candace	Cmp.T.	AAS	1985	D'Aurora, Michael G.	CET	AAS	2001
Dahms, Goerge Charles	ME	BE	1960			BSAS	2002
Dai, Wei-de	CE	MS	1991	Dave, Bharatkumar P.		BE	1971
Dailey, Joseph C.	EE	BE	1995	Dave, Ishwarlal R.	ME	MS	1973
Dailey, Robert M.	EE	BE	2002	Dave, Pankaj C.	CE	BE	1969
Dakhli, Mourad	EE	BE	1991			MS	1973
Dalal, Ramesh A.	EE	BE	1974	Davelli, Joseph	Mt.E.	BE	1964
Dalberg, Cynthia L.		BE	1983	Davenport, Robert B.	CE	BE	1979
Dalberg, Robert E.	CE	BE	1953	David, Drew	CET	BSAS	1999
Dale, Roger	EET	BSAS	1982	David, Kevin P.	EE	BE	2002
Dalessandro, James A.	ME	BE	1950	Davidson, Franklin E.	ME	BE	1968
Dalessandro, Ronald M.	DDT	AAS	1978	Davidson, Jennifer E.	ME	BE	2005
Dalia, Mukundray S.	CE	MS	1974	Davidson, John Mariner		BE	1962
Dalrymple, Charles J.	IE	BE	1988	Davidson, Mark A.	Cmp.T.	AAS	1980
Dalton, Ray T. Jr.	CET	BSAS	1981	Davidson, Richard Cole	EE	BE	1950

Davies, Albert E. Jr.	CE	BE	1962	Dececca, Cathy	ME	BE	1984
Davis, Angela E.	Mat.E.	BE	1992	Dechant, Gerald R.	EET	BSAS	1975
Davis, Bert J.	IE	BE	1964	Decha-Umphai, Pramote	ME	MS	1977
Davis, Brian S.	EE	BE	1994	DeAngelis, Ernie	EET	BSAS	1988
Davis, Burke M.	ME	BE	2004	DeAngelis, Larry E.	EE	BE	1962
		MS	2006	DeAngelis, Michael A.	EET	AAS	1982
Davis, Charles F.	MET	AAS	1999			BSAS	1986
Davis, Charles R.	ME	BE	1961	DeAngelis, Paul L.	IE	BE	1957
Davis, Chrystal L.	Ch.E	BE	1996	DeBlasis, Vincent N.	EUT	ATS	2010
Davis, David	EET	AAS	1989	De Bucci, Richard P.	EET	AAS	1996
		BSAS	1994	DeCapua, Richard C.	Cmp.T.	AAS	1985
Davis, Douglas	EET	AAS	1985			BSAS	1987
Davis, Earl S. Jr.	Ch.E.	BE	1963	DeChellis, David	IE	BE	1989
Davis, Edward G. Jr.	CET	AAS	1980	DeChellis, Matthew P.	I&SE	BE	2010
		BSAS	1982	DeChellis, Pasquale	ME	BE	1985
Davis, Frank Wyllys	ME	BE	1951	DeChene, Steben Alan	ME	BE	1987
Davis, Frederick W.	EE	BE	1957	DeChristofaro, David M.	CE	BE	1978
Davis, Jason A.	EUT	ATS	2007	DeChristofaro, Romeo A.	ME	BE	1956
Davis, Jason Charles	EUT	ATS	2008	DeChristofaro, Victor	CE	BE	1968
Davis, Jeffrey	MET	AAS	1983	DeChurch, Robert M.	Ch.E.	BE	1986
Davis, Jeffrey M.	ME	BE	1984	DeCrow, Joseph James	ME	BE	1971
Davis, John C.	CE	BE	1990	Decrow, Steven E.	MET	AAS	1975
Davis, John Carroll	ME	BE	1948			BSAS	1977
Davis, John H.	EE	BE	1964	DeDomenic, Leonard R.	ME	BE	1972
Davis, Jonathan L.	MET	A.S.A.S.	1987	Dedonato, Christopher	Ch.E	BE	2005
Davis, Joseph W. Jr.	ME	BE	1950	Deeds, Richard E.	EET	BSAS	1983
Davis, Joshua Lee	EUT	ATS	2008	Deeken, Brian T.	Ch.E	BE	1997
Davis, Justin P.	IT	BSA	2008	Deep, Thomas Joseph	ME	BE	1969
Davis, Kenneth J.	EE	BE	1991	Deering, Ronald Dean	ME	BE	1970
Davis, Mark R.		AAS	1982	Deeter, Jeffrey P.	EE	BE	1997
		BSA	1984	Deets, David H.	EET	AAS	2007
Davis, Mary F.	Cmp.T.	AAS	1982	DeFabio, Denise A.	Cmp.T.	AAS	1980
Davis, Mary Kay	MET	AAS	1982			BSAS	1982
		BSAS	1984	Defelice, John D.	Mt.E.	BE	1964
Davis, Michael Elroy	EE	BE	1982	Defino, Thomas M. II	EE	BE	1984
Davis, Michael J.	ME	BE	1962	DeFrank, Angelo	ME	BE	1994
Davis, Michael P.	EET	AAS	1983	DeFuria, Joseph C.	CE	BE	1984
Davis, Paul V.	CET	AAS	1978	DeGenero, Nicholas J.	DDT	AAS	1998
		BSAS	1988		MET	BSAS	2000
Davis, Richard A.	EET	AAS	1995	Degenero, Joseph	Mt.E	BE	1974
	CET	BSAS	1997	DeGeorge, Anthony M.	EE	BE	2009
Davis, Robert John	ME	BE	1966	De Green, John J.	CE	BE	2004
Davis, Theodore B.	Mt.E.	BE	1967	DeGenova, John M.	ME	BE	1986
Davis, Thomas W.	ME	BE	1966	DeGeorge, John N.	EET	BSAS	1985
Davis, William	MET	BSAS	1995	Degli, Raymond	Cmp.T.	AAS	1974
Davis, William Allen	EUT	ATS	2008	DeHoff, Robert T.	Mt.E.	BE	1955
Davis, William Lee Jr.	Ch.E.	BE	1951	Deibel, David C.	EET	BSAS	1975
Davison, Michele K.		BE	1988	Deibel, Jane M.	IE	BE	1983
Davoudi, Jamileh	EE	BE	1982	Deibold, Dave J.	ME	BE	1982
Dawson, Bertram A. Jr.	EE	BE	1963	Deichler, Edward C.	EE	BE	1972
Dawson, Dallis G.	CE	BE	1989	Deichler, Robert D	Ch.E	BE	1972
Dawson, David S.	CE	BE	1997	Dejene, Alemu A.	ME	MSE	2003
Dawson, Marcus	EUT	ATS	2004	Dejthanasoonthorn, Wicha	CE	MS	1985
Day, James A.	MET	AAS	1983	DiGiacomo, Dominic J.	EET	AAS	1984
		BSAS	1985	DiGregory, Philip V.	Cmp.T.	AAS	1984
Day, Kenneth P.	CET	AAS	2002	Dekanich, Anthony S.	Cmp.T.	AAS	1976
	CET	BSA	2005	Dekanich, Steven J.		BE	1974
Day, Scott Robert	ME	BE	1990	Delalat, Khosrow	EE	MS	1977
Day, Timothy M.	CET	BSAS	2006		Mat.Sci.	MS	1978
Dayani, Morteza D.		BE	1980	Delaquilla, David	EET	AAS	1989
Dean, Craig Robert	ME	BE	1975	DeLaratta, Brian A.	Mat.E	BE	1996
Dean, Greg	EET	AAS	1994	Delaurentis, Dominic J. Jr.	Cmp.T.	AAS	1982
Dean, Roger M.	EE	BE	1963			BSAS	1983
Dean, Teri	Cmp.T.	BSAS	1986	Delbene, Patrick S.	Cmp.T.	AAS	1983
Deatley, Ronald S.	ME	BE	1985			BSAS	1986
Debernardo, Mark S.	I&SE	BE	2000	Delco, Jerry R.	EET	AAS	2004
Deblasio, Larry R.	Mt.E	BE	1962	Deletis, Conrad Jr.	E.E	BE	1962
Debonis, Raymond D.	Mt.E.T.	AAS	1975	Delev, Mary Kay	Ch.E.	BE	1980
	EET	AAS	1979	Deley, Edward W. Jr.	CE	BE	1984
Debow, Daniel	Cmp.T.	AAS	1992	Deley, Frank Lawrence	ME	BE	1985
Debow, Troy	Cmp.T.	AAS	1990	Deley, Ronald A.	Cmp.T.	AAS	1982
Decarlo, Jerome A.	ME	BE	1979			BSAS	1989

Deley, Stephen J.	Ch.E.	BE	1980	DePascal, Donald F.	IE	BE	1974
Delfosse, Dennis L.	MET	AAS	1982	DePascale, Joseph	Cmp.T.	BSAS	1992
Del Fraino, Henry A.	ME	BE	1954	DePasquale, Annette	Cmp.T.	AAS	1980
Del Garbino, Mark T.	Ch.E.	BE	1986	DePasquale, Diane	Cmp.T.	AAS	1991
Delio, Jennie	Cmp.T.	BSAS	1988	Depaul, Phillip A.	ME	BE	1960
Delio, Ralph D.	ME	BE	1968	DePaul, Robert M.	CET	AAS	1995
Delisio, Eugene D.	Ch.E.	BE	1974	DePero, Michael J.		BE	1978
Delisio, Mark R.	CE	BE	2008	DePerro, Gary	EET	AAS	1993
DeLisio, Michael A.	IE	BE	1959	DePietro, Mark A.	MET	BSAS	1987
Dell, William Joseph	Mt.E.	BE	1951	DePietro, Mary M.	MET	BSAS	1987
Dellaverson, Richard	MET	BSAS	1991	DePizzo, Adam N.	CE	BE	2004
Dellick, John T. Jr.	Ch.E.	BE	1980			MS	2005
Delligatti, Victor L.	Cmp.T.	AAS	1973	DePoy, Jeffrey C.	Cmp.T.	AAS	1987
DelPrincipe, Gregg L.	CET	BSAS	1990			BSAS	1992
Delsignor, Andrew R.	ME	BE	2002	DeProfio, Christopher S.	EE	BE	1995
DelSignore, Anthony J.	IE	BE	1964	DeProspero, Bennie V. Jr.	CE	BE	1980
DelSignore, Joseph D.	Ch.E.	BE	1983	DePuy, Frank D.	EE	BE	1971
Deltondo, Delores	EET	AAS	1991	DeRaud, Douglas	Cmp.T.	BSAS	1992
DeLuca, Louis	Cmp.T.	BSAS	1991	D'Eramo, Anthony P. D.	EE	BE	1983
DeLuca, Ronald M.	ME	BE	1968	Deronja, Frank S.	Mt.E.	BE	1954
DeLucia, John M.	CE	BE	1985	DeRico, Daniel J.	MET	AAS	1979
Demaille, Kenneth J.	IE	BE	1949			BSAS	1981
DeMaiolo, Nicholas J.	CE	BE	1978	Derglin, Richard	CE	BE	1965
DeMar, Benjamin Russell	ME	BE	2008	Derkach, Kenneth T.	CET	AAS	1978
De Mar, D. S.	MET	AAS	1996			BSAS	1980
		BSAS	2001	Derkach, William J.	Ch.E.	BE	1973
DeMarco, Robert	Ch.E.	BE	1966	Dernovsek, Barry S.	ME	BE	1987
De Marino, Robert P.	EET	AAS	2000	Derryberry, David L.	Ch.E.	BE	1991
		BSAS	2001	DeRubba, Brad	EET	AAS	1990
Demarsh, Joseph A.	ME	BE	1956			BSAS	1995
Demart, Jonathan J.	EET	AAS	2001	Desai, Devendra D.	EE	MS	1971
		BSAS	2002	Desai, Upendra K.	EE	BE	1973
Demart, Robert	EET	BSAS	1980	DeSalle, Edward	EET	BSAS	1990
DeMartino, Mark	EE	BE	1992	Desalvo, Eugene E.	CE	BE	1960
DeMartino, Mark	EE	BE	1992	DeSalvo, Michael J.	EE	BE	1972
DeMartino, Robert	EET	AAS	2000	DeSantis, Frank	EE	BE	1974
	EET	BSA	2001	De Santis, John A.	CET	BSAS	2003
DeMatteo, Lori A.	Cmp.T.	AAS	1985	DeSellem, James F.	Ch.E.	BE	1988
DeMay, Bryan T.	Mat.E.	BE	1990	DeSilvey, Dennis A.	CE	BE	1971
Demay, David J.	EE	BE	1979			MS	1984
DeMay, John E.	EE	BE	1954	Deskin, Willam J.	Mt.E.	BE	1968
Demechko, Edward A.	EET	BSAS	1986	Desko, Mark	EET	BSAS	1994
Demechko, Mark G.	EE	BE	1990	Desoto, Barbara A.	Cmp.T.	AAS	1972
Demetri, George John	ME	BE	1985	Dess, John R.	EET	BSAS	2003
Demetruk, David	Cmp.T.	AAS	1992	DeSteven, Robert L.	Cmp.T.	BSAS	1980
Demjen, Darlene	Cmp.T.	AAS	1977	Detate, Michael D.	Cmp.T.	AAS	1980
		BSAS	1979	Detelich, Robert M.	MET	AAS	1975
Demko, Paul Stephen	ME	BE	1967	Detling, Adam J.	CET	BSAS	2002
Demo, Jerry M.	Ch.E.	BE	1971	Detre, Edward O.	Cmp.T.	AAS	1970
Demo, Larry L.	Mt.E.	BE	1976			BSAS	1973
Demo, Wayne A.	Ch.E.	BE	1978	Detrow, Paul J.	Cmp.T.	AAS	1983
Democko, Richard Paul	ME	BE	1986			BSAS	1985
Demos, Christopher A.	ME	BE	1993	Detullio, David	ME	BE	1978
Dempsey, John A.	CE	BE	1959	Detwiler, Alan E.	EET	AAS	1977
Demshar, Timothy K.	Cmp.T.	BSAS	1987	Detwiler, Jeffrey N.	EE	BE	1985
Demyen, Robert L.	Cmp.T.	AAS	1985	Detwiler, Michael D.	Ch.E	BE	2010
Deneen, Jay T.	EE	BE	1988	Detwiler, Timothy J.	EE	BE	2010
		MS	1991	Deuley, Brian C.	EUT	ATS	2010
DeNicholas, Anthony D.	EET	AAS	1975	Dever, Richard	MET	BSAS	1989
Denino, Edward V.	Ch.E.	BE	1968	Devereux, Steven R.	MET	AAS	2002
Deniro, Gregory Joseph	ME	BE	1984	Deville, David A.	MET	AAS	1996
Dennehy, Keith T.	CE	MS	1982	Devincent, Patsy	ME	BE	1960
Denney, Theodore V.	EET	AAS	1997	DeVincentis, David L.	IE	BE	1989
Dennis, Matthew A.	EUT	ATS	2009	Devine, Thomas J.	EET	BSAS	1984
Denovchek, Peter Jr.	Cmp.T.	AAS	1989	Devite, Frank J.	MET	AAS	2006
Denucci, Mark T.	CE	BE	1980	DeVito, Lyndsie M.	CET	AAS	2006
DeNunzio, Robert P.	Mt.E.	BE	1985		CET	BSA	2007
		MS	1990	DeVito, Ralph	EE	BE	1958
Denys, Arthur D.	CE	BE	1959	Dew, Rick A.	MET	AAS	1981
Deoerio, Lisa M.	Ch.E	BE	2001			BSAS	1983
DeOliveira, Walter	EET	BSAS	1985	De Weese, Tim E.	MET	BSAS	2002
DePalmo, Charles R.	ME	BE	1957	DeWoddy, James T.	IE	BE	1961

Dharia, Rashmikant K.	ME	MS	1973	Diorio, Gary J.	CE	BE	1979
Diab, Amer A.		BE	1995			MS	1986
Diab, Khaled Tabet		BE	1983	Dipietro, Dominic A.	IE	BE	1988
Diab, Majed Tabet	CE	BE	1983	Diplacido, Guy T. Jr.	CE	BE	1958
		MS	1985	Dippolito, Daniel F.	EET	AAS	1985
Diab, Nizar A.	EE	BE	1995			BSAS	1990
Diab, Nizar A.	EE	MS	1997	Dippolito, Raymond M.	EET	AAS	1996
Diabick, James L.		BE	1984	DiRenzo, Christy J.	CE	BE	1959
Diamond, Robert E.	Mt.E.	BE	1973	DiRenzo, Ernest	Cmp.T.	AAS	1986
Diamond, Robert E.	EE	BE	1987	DiRenzo, Gene V.	Cmp.T.	AAS	1987
Diana, Patrick A.	Cmp.T.	AAS	1986	Direnzo, Peter	IE	BE	1950
Dias, Rick A.	ME	BE	1990	Dirgo, Robert T.	MET	BSAS	1982
		MS	1994	DiRienzo, Ben A.	ME	BE	1956
Diaz, Andrew A.	CET	BSAS	2003	DiRienzo, Mark R.	EET	AAS	1985
Diaz, Steven C.	CET	AAS	1995	Dirienzo, Richard J.	CE	BE	1967
Diaz, Steven C.	CET	BSAS	1997	DiRienzo, Robert J.	CET	AAS	2005
Dicaprio, James F.	IE	BE	1958			BSAS	2006
DeCarlo, Daniel T.	Cmp.T.	BSAS	1982	DiRusso, Elio	EE	BE	1953
DiCello, John A.	Mt.E.	BE	1970	Dirusso, Eliseo	ME	BE	1961
Diciccio, James W. Jr.	IE	BE	1987	D'Isa, Frank A.	ME	B.S.	1943
DiCintio, Richard M.		BE	1995	Disalvo, Michael J.	EE	BE	1972
Dickey, Charles B.	EE	BE	1985	Dismukes, David M.	EET	AAS	2005
Dickey, Earl T.	EET	BSAS	1982			BSAS	2006
				Ditomasso, Michael	EE	BE	2004
Dicks, Kyoko O.	Cmp.T.	AAS	1985	DiTommaso, Nino M.	DDT	AAS	1983
Dickson, David Carl	IE	BE	1975	Dittmar, Charles B.	Mt.E.	BE	1955
Dickson, Eric D.	EUT	ATS	2009	Dittmar, John M.	EE	BE	1966
Dickson, John S.	EE	MS	1977	Divani, Afshin	EE	BE	1995
Dickson, Lyle Cooper	ME	BE	1961	Divani, Hassan	ME	BE	1981
Dickson, Natalie M.	Ch.E	BE	1999	Divito, Anthony M.	IE	BE	1959
DiCola, David A.	IE	BE	1984	DiVitto, Anthony M.	ME	BE	1989
DiCola, Rebecca	IE	BE	1982	DiVitto, John Gabriel	ME	BE	1990
Di Dio, Brian M.	EET	BSAS	1998	Dix, Larry Eugene	EE	BE	1989
Didur, Walter A.	ME	BE	1962	Dixon, Barbara A.	Cmp.T.	AAS	1981
Diechler, Robert D.		BE	1972	Dixon, Thomas E.	Ch.E.	BE	1983
Diehl, Perry J. Jr.	EE	BE	1957	Dixon, Timothy E.	DDT	AAS	1988
Diener, Thomas Joseph	ME	BE	1966	Dixon, Woodrow S.	EE	BE	1976
Dienes, Thomas D.	CET	BSAS	1993	Diyorio, Brian J.	EE	BE	2002
Dietrich, Charles W.	Mt.E.	BE	1966	Dlabick, James L.	EE	BE	1984
DiFrangia, Susanne M.		BE	1980	Dobozi, Gary S.	MET	AAS	1978
DiGiacomo, Dominic J		AAS	1984	Dobran, David A.	EET	AAS	1997
DiGregorio, Edward A.	CE	BE	1977			BSAS	1998
DiIullo, Frank Carl	EE	BE	1985	Dobrindt, Anita M.	Cmp.T.	AAS	1981
DiIullo, Frank C.	EET	AAS	1982	Dockerty, Margaret M.		BE	1956
		BSAS	1985	Dodge, Mark E.	EET	AAS	1981
DiIullo, Kristen L.	EE	BE	2007			BSAS	1983
DiIullo, Vito	EE	BE	1974	Dodson, Albert H.	IE	BE	1951
DiLallo, John L.	EE	BE	1960	Dohallow, Douglas R.	MET	BSAS	1996
DiLallo, Mary A.	Ch.E.	BE	1986	Dohallow, Donald J.	CE	BE	1974
DiLallo, Edward	DDT	AAS	1981	Dohar, Christopher P.	MET	BSAS	1988
DiLiello, Paolo	EET	BSAS	1987	Dohar, Michael J.	Ch.E.	BE	1981
DiLiello, Salvatore	Cmp.T.	AAS	1980	Dolak, Edward A. Jr.	EE	BE	1968
		BSAS	1984	Dolak, Joseph E.	Mat.E.	BE	1993
Dill, Valarie R.	I&SE	BE	1996	Dolak, Joseph J.	EE	BE	1970
Dilley, Brian K.	DDT	AAS	1999	Dolak, Richard P.	IE	BE	1959
Dillinger, Joseph D.	EUT	ATS	2007	Dolby, Charles S.	IE	BE	1968
Dillon, Kathleen M.	Cmp.T.	AAS	1982	Dolenic, Mitchell	EE	BE	2004
Dillon, Patricia Ann	CE	BE	1979	Dombroski, Diane L.	Cmp.T.	BSAS	1979
		MS	1984	Dombroski, Lori A.	CET	AAS	1981
Dillon, Patrick J.	Mat.Sci.	MS	1979	Dombrowe, Robert J.	Cmp.T.	BSAS	1983
Dillow, Max L.	MET	AAS	1996	Dolvin, James Randall		BE	1952
		BSAS	1999	Domen, Mark A.	Ch.E.	BE	1974
Dills, Ralph S.	EE	BE	1958	Domer, Shirley J.	Cmp.T.	AAS	1981
DiLoreto, Larry J. Jr.	CE	BE	1961	Domhoff, Diana M.	Cmp.T.	AAS	1982
Diloreto, Michael S.	DDT	AAS	1980	Domhoff, Stacie M.	I&SE	BE	2000
		BSAS	1984	Domini, Renny J.	Ch.E.	BE	1959
Dilts, Mark J.	CE	BE	1996	Dominic, Kevin P.	Ch.E.	BE	1993
Dimargio, Nick Anthony	ME	BE	1950	Dominic, Thomas P.	Ch.E.	BE	1967
Dimov, Dimo	ME	BE	1958	Dominic, William A. Jr.	Ch.E.	BE	1961
Dinardo, Daniel	I&SE	MS	2004	Dominick, Cynthia		AAS	1975
Dinas, John	DDT	AAS	1993			BSAS	1982
Dintino, Joseph M.	CE	BE	1982	Dominick, Joseph C.	MET	AAS	1975

Dominick, Rocco F.	EE	BSAS	1982	Drennen, John A.	EET	AAS	1971
Domkowski, Mary	MET	BE	1980	Drennen, Randall	MET	BSAS	1989
Donadio, Samuel G.	CET	BSAS	1987	Drespling, John	CE	BE	1966
		AAS	2005	Dressel, Edward Donald	ME	BE	1971
		BSAS	2006	Drewnowski, Matthew L.	ME	BE	2010
Donadio, Thomas F.	EET	AAS	1980	Drexler, Darren J.	EUT	ATS	2008
		BSAS	1989	Driscoll, James A.	EE	BE	1961
Donahue, Mark S.	EE	BE	2007	Driscoll, James P.	CE	BE	1958
Donaldson, Charles R.	CE	BE	1963	Drobik, Michael Andrew	ME	BE	1971
Donatelli, Daniel E.	CE	BE	1965	Drombetta, Eugene	MET	AAS	1975
Donegan, James H.	EE	BE	1952			BSAS	1978
Donham, Robert W.	CE	BE	2004	Drotleff, Thomas J.	MET	BSAS	1981
Donitzen, Wayne	DDT	AAS	2005	Drozda, Michael J.	EE	BE	2003
Donley, Michael J.		BE	1970	Drucker, Robert W.	Ch.E.	BE	1990
Donley, Randy P.	EET	AAS	1980	Drummond, David J.	EET	BSAS	1987
		BSAS	1982	Drummond, J. B. Jr.	EE	BE	1969
Donnadio, Anthony J.	Ch.E.	BE	1977	Drummond, Thomas H.	EET	AAS	1984
Donnadio, Michelle A.	EE	BE	2007			BSAS	1985
Donnadio, Tammy M.	BE	ME	2008	Drummond, Sherry	Cmp.T.	BSAS	1988
Donnalley, Dale C.	ME	BE	1961	Duarte, Joseph T. Jr.	EET	AAS	1983
Donofrio, Jeffrey F.	CE	BE	1989	Dubach, Gerald L.	EE	BE	1970
D'Onofrio, Michael A.	Ch.E.	BE	1970	Dubaj, Joseph A.	IE	BE	1988
Donoso, Jorge		MS	1970	Dubiel, David A.	EET	AAS	1986
Doria, Edward Louis	Ch.E.	BE	1953	Dubiel, James M.	Cmp.T.	AAS	1973
Doria, Samuel P.	IE	BE	1973	Dubiel, John T.	MET	AAS	1998
	CE	BE	1977	Dubos, John J.	MatE	BE	1997
D'Orio, Danny P.	CE	BE	1995	Dubos, John M.	IE	BE	1973
Dorman, Timothy R.	EET	AAS	1976	Dubos, Lisa L.	Mat.E.	BE	1992
Dorman, William G.	Mt.E.T.	AAS	1972	Dubose, Brian K.	EET	AAS	2006
Dornbrock, Cecil H.	EE	BE	1950			BSAS	2006
Dorothy, Richard W.	CET	BSAS	1993	Duboy, Michael	Cmp.T.	AAS	1993
Doshi, Ajitkumar H.	ME	MS	1972	Dubrasky, Michael G.	Cmp.T.	AAS	1972
Doshi, Harshad M.	ME	MS	1970	Dubrock, Leland D.		BE	1971
Dothard, Angela	Cmp.T.	AAS	1990	Duby, James Robert	ME	BE	1952
Dothard, Brian	Cmp.T.	BSAS	1988	Duca, Marco S.	ME	BE	2006
Double, Floyd	Cmp.T.	AAS	1989	Duca, Stephen V.	EE	BE	1978
Dougherty, Edward R. Jr.	ME	BE	1991			MS	1982
Doughton, Leah M.	EE	BE	2005	DuChene, Steven A.		BE	1987
Douglas, Craig	DDT	AAS	1993	Duda, Albert J.	ME	BE	1951
Douglas, James W.	CE	BE	1995	Duda, Edward E.	CE	BE	1981
Douglass, James E.	EE	BE	1960	Duda, Judith L.	Cmp.T.	AAS	1984
Dovala, Jon D.	EE	BE	1977	Duda, Michael J.	ME	BE	1985
Doverspike, Amy L.	Ch.E	BE	2009	Dudash, Carol A.	Cmp.T.	AAS	1982
Downey, Christopher J.	EET	AAS	1980			BSAS	1984
Downie, Bradford C.	CE	BE	1984	Dudash, John A.	EET	AAS	1985
Downing, Everett	Mt.E.T.	AAS	1973			BSAS	1987
Downing, Jay	Cmp.T.	BSAS	1988	Dudash, John J.	MET	AAS	1997
Downs, Casey M.	EET	AAS	2005			BSAS	1998
		BSAS	2006	Dudash, John P. Jr.	IE	BE	1972
Downs, Karen Ann	EE	BE	1989	Dudik, Joseph M.	Ch.E.	BE	1979
Downs, Troy L.	Cmp.T.	AAS	1986	Dudik, Steven M.	DDT	AAS	1984
		BSAS	1987	Dudt, Jonathan M	CE	BE	2009
Doyle, James A.	Ch.E	BE	1970	Duff, Willard Gordon	ME	BE	1973
Doyle, Joseph A.	CE	BE	2000	Duffey, Katherine L.	EE	BE	2002
Draa, Jerry W.	MET	BSAS	2000	Duffy, Michael G.	CE	BE	2008
Drabison, David A.	ME	BE	2006	Duffy, Michael P.	EE	BE	2009
Draeger, Albert J. Jr.	ME	BE	1989	Dufour, Renne M.	EE	BE	1996
Dragash, Nicholas S.	EE	BE	1965	Dugan, Matthew P.	ME	BE	1992
Dragoman, John	CE	MS	1986	Dugan, Robert J.	IE	BE	1959
Dragos, John	ME	BE	1949	Dulaney, Charles Devin	EUT	ATS	2008
Dragus, Thomas S.	ME	BE	1961	Dull, Frederick S.	CE	BE	1986
Drake, Lewis A.	EE	BE	1965	Dulovich, Donald	IE	BE	1970
Drapcho, James M.	ME	BE	1989	Dulovich, Joseph Jr.	Ch.E.	BE	1973
Drapp, John J.	IE	BE	1975	Dulovich, Steven C.	EET	AAS	1978
Dray, Edward A.	ME	BE	1995	Dunbar, David R.	Ch.E.	BE	1970
Dray, Joanna R.	CE	BE	1995	Duncan, Cleothus Jr.	EE	BE	1967
Dray, Roy A.	CE	BE	1967			MS	1972
Dreier, Susanne H.	EE	BE	2004	Duncan, Freddie M.	Ch.E.	BE	1974
Dreiling, James T.	CET	AAS	1989	Duncan, James A.	EET	AAS	1984
Drennen, Brad E.	CET	AAS	2007	Duncan, Joanne	CET	AAS	1994
	CET	BSA	2007			BSAS	1995
Drennen, Bryan R.	MET	BSAS	2002	Dunch, John L.	MET	BSAS	1982



Dunchak, Kristy M.	ChE	BE	2000	Edling, Russell J.	EE	BE	1968
Dunchak, Lorraine	Cmp.T.	AAS	1982	Edmiston, Rachel	Ch.E.	BE	1990
Duncko, Cmp.T.	Cmp.T.	AAS	1978	Edwards, Albert F.	CE	BE	1983
		BSAS	1985	Edwards, Brian E.	Ch.E.	BE	1987
Dundics, Thomas K.	ME	BE	1999	Edwards, Frank L.	EE	BE	1965
Dundon, James R.	CE	BE	1955	Edwards, John M.	Ch.E	BE	2010
Dunfee, Jason P.	DDT	AAS	1999	Edwards, Robert C.	Mat.Sci.	BE	1971
Dunkerly, Edward	EET	AAS	1990			MS	1980
Dunkle, Robert J.	EE	BE	1959	Eft, Thomas G.	CET	AAS	1991
Dunlany, Joseph B.	Mat.E.	BE	1994	Egan, John T.	MET	BSAS	2001
Dunlap, Martin L.	EE	BE	1984	Eggers, Renee M.	Cmp.T.	AAS	1983
Dunlap, Peter	EET	AAS	1985			BSAS	1986
		BSAS	1989	Eghtesadi, Manochehr	EE	BE	1983
Dunlap, Scott W.	EE	BE	1983	Eichorn, Daniel L.	ME	BE	1999
Dunlap, Tanner M.	MET	BSAS	2006	Eichorn, David M.	EE	BE	2000
Dunlap, Wesley B.	EE	BE	1985	Eichhorn, Donald K.	Mt.E.	BE	1969
Dunmire, William R. II	IE	BE	1988	Eifler, Ray J.	EE	BE	1962
Dunn, Albert J.	IE	BE	1982	Eighan, Marianne J.		BE	1981
Dunn, Craig R.	ME	BE	1994	Einfalt, John B.	Mat.Sci.	MS	1988
Dunn, Daniel Thomas	ME	BE	1979	Einstedel, Frank H.	EET	AAS	1979
Dunn, Donald James	ME	BE	1960	Eisengart, Michael R.	ME	BE	2004
Dunn, Laurie A.	Cmp.T.	AAS	1985	Eisenhower, John A.	EE	BE	1996
		BSAS	1986	Eister, Daniel J.	EET	AAS	2009
Dura, David M.	EE	BE	1981	Ekabutr, Betty L.	Cmp.T.	AAS	1973
Durbin, Robert W.	CE	BE	1992			BSAS	1979
Durg, Brandon P.	EUT	ATS	2007	Ekabutr, Suratana		BE	1974
Durig, Adelbert John	ME	BE	1983	Ekeledo, Ikechukwu B.	CET	BSAS	1985
Durig, Thomas	EET	AAS	1988	Ekis, Michael F.	CET	AAS	2001
		BSAS	1992			BSAS	2003
Durkin, Donald Michael	IT	BSAS		Elash, John Matthew	ME	BE	1979
Durko, Terry Miller	ME	BE	1973	El-Baradie, Moustafa O.	ME	BE	1994
Durkos, John C.	MET	AAS	1983	Elberty, Thomas A.	EE	BE	1960
Durse, Nicholas A.	ME	BE	2009	El-Chammas, Nadi G.	CE	BE	2005
Durst, Jason D.	CET	AAS	2005	Eldabbas, Ahmad A.	C.E	BE	1983
		BSAS	2006	Elder, Roger Lee	ME	BE	1977
Durst, William A.	CE	BE	1994	Elee, Bestman G. C.	CE	BE	1977
Dutting, Tracy A.	CE	BE	1996	Elenis, Pauemitis E.	CE	BE	2006
Dutton, Patrick F.	EE	BE	1977	Elias, Christopher J.	I&SE	MS	2002
Dutton, Robert H.	EET	AAS	1979	Elias, Janis	Cmp.T.	AAS	1993
Duvall, Eric A.	MET	AAS	2008	Elick, Michael R.	ChE	BE	1998
Dybski, Daniel B.	EET	AAS	2006	Elicson, William R.	CE	BE	1957
		BSA	2008	Elisco, Michael F.	Cmp.T.	BSAS	1986
Dye, David Bruce	EE	BE	1982	El-Khoury, Andre	EE	BE	1995
Dyke, Jeffrey M.	MET	BSAS	2000	El-Khoury, Andre A.	EE	MS	1998
Dziaikowicz, David	MET	BSAS	1987	El Khoury, Joellie	EE	BE	2002
Dzuray, Emil J. Jr.	CE	BE	1989	Elliott, Michael J.	EE	BE	2004
Dzurinda, Richard E.		MS	1992	Elliot, Thomas	MET	AAS	1989
Eagleton, Robert L.	CE	BE	1969	Ellis, Brian P.	EE	BE	1999
Eakin, Raymond J.	EE	BE	1993	Ellis, Lida M.		BE	1984
Eakin, Thomas G.	CE	BE	1979	Ellis, Robert P.	EET	BSAS	1987
Earish, Ray	EET	AAS	1995	Ellis, Tonya S.		BE	1992
Earnest, Eric A.	EET	AAS	1984	Eliser, Eugene A.	CET	AAS	2000
Eash, Christopher	DDT	AAS	1993	Elisit, Michael J.	EE	BE	2001
Eaton, Scott M.	CE	BE	1997	Ellison, Robert C.	EE	BE	1960
Ebeling, Robert M.		BE	1976	Ellsworth, James Paul	ME	BE	1953
Eberhardt, Donna	Cmp.T.	AAS	1976	Ellsworth, John P.	Ch.E.	BE	1951
		BSAS	1991	Ellwood, Carol M.	Cmp.T.	AAS	1981
Eckenrode, Paul D.	ME	BE	1972	Ellwood, Dennis M.	IE	BE	1983
Eckert, James T.	CE	BE	1976	Ellwood, Mary C.	Cmp.T.	AAS	1977
		MS	1977			BSAS	1981
Eckart, Lawrence R.	CE	BE	1973	Ellwood, Michell M.	Cmp.T.	AAS	1984
Eckhardt, Andrew J.	EE	BE	1980			BSAS	1984
Eckhart, Clifford F.	Ch.E.	BE	1978	Elosh, Edmund J.	CET	AAS	1975
Eckles, Arthur Leroy	EE	BE	1954	Elosh, Richard J.	EE	BE	1965
Eckles, Donald E.	EE	BE	1961	Elosh, William L.	ME	BE	1974
Eddie, Curtis D.	ME	BE	1989	Eltringham, Walter G.	EUT	ATS	2009
Eddy, Thomas L.	ME	BE	1968	El Sakr, Fredy H.	CS	BS	2008
Edgerly, Zebalgn A.	EET	AAS	2006	El-Sayed Kassem, Ahmad	ME	BE	1986
		BSAS	2007	El-Seafin, Mohamed H.	CE	BE	1982
Edie, Joseph E.	EE	BE	1986			MS	1985
Edinger, Ken W.	ME	BE	1958	Elshami-Zerroulki, Najia		MS	1999
Edling, Marjorie	EET	AAS	1990	El Shami, Osama	CE	BE	1997

Elston, Gary L.	EET	BSAS	1979	Esposito, Robert	MET	BSAS	1992
Elzagha, Omar M. W.	EE	BE	1977	Esposito, Ronald E.	EE	BE	1954
Emanuel, Blake J.	MET	AAS	2007	Esposito, Scott A.	ME	BE	1988
	MET	BSA	2009	Esposito, William A.	EET	AAS	1981
Emanuele, Danial H.	Mat.Sci.	MS	1981	Esseniyi, Alexander J.	ME	BE	1978
Emanuelson, Robert H.	Mt.E.	MS	1973			MS	1991
Embert, Susan K.	DDT	AAS	1983	Esterly, Donna J.	Cmp.T.	AAS	1982
Emch, Thomas A.	Cmp.T.	BSAS	1987			BSAS	1984
Emerick, Alan J.	Mt.E.	BE	1968	Estock, Timothy M.	MET	AAS	1982
Emery, William J.	Cmp.T.	AAS	1984	Estok, Jill A.	I&SE	BE	2004
		BSAS	1987	Eusanio, Jonathan E.	EUT	ATS	2010
Emig, Andrew J.	EE	BE	2009	Eusanio, Mark E.	CE	BE	1982
Emmer, Thomas C.	CS	BS	2008	Eusanio, Michael L.	ME	BE	1985
Empfield, Robert Walter	CIS	BS	2008	Eusanio, Nicholas	PPT	ATS	2006
Endress, Kenneth J.	CE	BE	1970	Eusanio, Robert J.	Cmp.T.	AAS	1973
Engberg, William H. Jr.	CE	BE	1976			BSAS	1984
Engelhardt, Ryan P.	I&SE	BE	2006	Eusebio, Steven J.	EE	BE	1993
Engelhardt, Thomas R.	EE	BE	1975	Evan, John S.	CE	BE	1988
Engelhardt, William E.	CE	BE	1977			MS	1991
Engelhardt, William Sr.	CE	BE	1983	Evanchan, Nicholas Jr.	Mt.E.	BE	1974
England, Kevin Scott	ME	BE	1981	Evaniuk, Edward C.	IE	BE	1958
Engle, Susan E.	EE	MS	1997	Evanoski, Barbara J.	Cmp.T.	AAS	1982
Engler, Carla V.	NE	BE	1997	Evans, Benny L.	EE	BE	1971
Engler, Eric	MET	AAS	1992	Evans, Brian K.	ME	BE	1996
Englert, Daniel C.	EE	BE	1960	Evans, Brian L.	EE	BE	1985
English, Anthony J.	MET	AAS	1999	Evans, Daniel A.	CE	BE	2006
		BSAS	2000	Evans, David	EET	BSAS	1991
English, Demic H.	ME	BE	1998	Evans, Edward R. Jr.	CE	MS	1991
English, Mark R.	Cmp.T.	BSAS	1984	Evans, Gary M.	EET	AAS	2003
English, Robert J.	IE	BE	1982			BSAS	2003
Engstrom, John	Cmp.T.	AAS	1989	Evans, John R.	Mt.E.	BE	1968
Enney, Daniel E.	EE	BE	1963	Evans, Jonathan C.	Cmp.T.	AAS	1983
Ennett, Donald E.	Cmp.T.	AAS	1981			BSAS	1986
Enoch, David W.	EET	AAS	1979	Evans, Marjorie S.	EET	AAS	1984
		BSAS	1984			BSAS	1989
Enoch, Kenneth L.	EE	BE	1960	Evans, Michael	CE	BE	2002
Enoch, Paul J.	EE	BE	1960	Evans, Michael G.	EUT	ATS	2009
Enscoe, William R.	ME	BE	1985	Evans, Richard A.	Cmp.T.	AAS	1986
Ensley, Cory R.	MET	AAS	2008			BSAS	1988
	MET	BSA	2010	Evans, Robert H.	Ch.E.	BE	1974
Ensmann, David A.	EE	BE	1970	Evans, Sandra M.	Cmp.T.	AAS	1987
Enyart, Patrick Arthur	ME	BE	1989			BSAS	1989
Eperjest, Joseph V. Jr.	CE	BE	1994	Evans, Thomas W.	Ch.E.	BE	1974
Erdel, James E.	ME	BE	1990	Evans, Timothy P.	ME	BE	1984
Erdman, Danial J.	C&EE	MS	2003	Evans, William C.	EE	BE	1949
Ergezer, Mehmet	EE	BE	2003	Everall, Robert W. Jr.		BE	1950
		MS	2006	Everett, David D.	ME	BE	2005
Ericksen, Lief S.	Ch.E.	BE	1988	Everett, Douglas D.	CE	BE	1977
Erickson, James D.	CE	BE	1964	Everhart, Richard L. Jr.	DDT	AAS	1994
Erickson, John J.	EE	BE	1960	Everly, Timothy	EET	AAS	1989
Erikson, Dwight	Ch.E.	BE	1967			BSAS	1991
Erikson, Rosemary	Ch.E.	BE	1982	Evich, John E.	EET	BSAS	1986
Eris, Ahmet	IE	BE	1971	Evinsky, Stephen A.		BE	1972
Eris, Altan K.	EE	BE	1965	Ewanich, John J.	Ch.E.	BE	1997
Ernst, Robert C.	EE	BE	1979	Ewankowich, Thomas W.	EE	BE	1979
Ernst, Robert M.	Mt.E.	BE	1969	Ewashko, John	EE	BE	1956
Erro, Timothy	MET	BSAS	1992	Ewing, Donna-Jo	ME	BE	1988
Ervin, John W.	EE	BE	1973	Ewing, Janet M.	Cmp.T.	AAS	1986
Ervin, Raymond N.	Ch.E.	BE	1977	Ewing, Paul S.	ME	BE	1981
Ervin, Ryan J.	CET	AAS	2010	Eynon, James R.	C&EE	MS	2005
Erwin, Cynthia A.	Cmp.T.	BSAS	1984	Eyrich, Bruce W.	EE	BE	1977
Erzurum, Serhat I.	Mt.E.	MS	1977	Ezzo, David Charles	ME	BE	1983
Esbenshade, Kenton	CET	AAS	2009	Ezzo, Michael John	ME	BE	1975
Esenwein, Fred D.	EE	BE	1975	Faber, Michael R.	Ch.E.	BE	1976
		MS	1980	Fabian, Brian A.	CET	AAS	1992
Eshaghnia, Mohammad	EE	BE	1978			BSAS	1993
Eshelman, Ruth A.	MET	AAS	1988	Fabian, Charles John	ME	BE	1978
Eshenbaugh, Eric D.	EE	BE	2006	Fabian, David A.	EET	AAS	1986
Eshett, Mary A.	DDT	AAS	1991	Fabian, David A.	EET	BSAS	1997
Eshler, Gary L.	EET	AAS	1983	Fabian, Gary J.	Ch.E.	BE	1983
		BSAS	1983	Fabian, George A. Sr.	Ch.E.	BE	1979
Esposito, Mark Anthony	ME	BE	1990	Fabian, Jeffrey J.	Ch.E.	BE	1982

Fabian, Lawrence E.	EET	AAS	1980	Farwell, Paul M. Jr.	EET	AAS	1983
Fabian, Mary E.		BE	1984			BSAS	1984
Fabian, Rick A.	EE	BE	1996	Faryani, Reza	EE	MS	1989
Fabian, Steven A.	EE	BE	1999	Fasano, David A.	Cmp.T.	AAS	1984
Fabrizi, James J.	EET	AAS	1983	Fasson, Roy D. L.	ME	B.S.	1943
		BE	1988	Fata, Gregory	ME	BE	1988
Fabrizio, Ellen M.	EE	BE	2003	Fatherly, Christopher	CE	BE	1997
Fabrizio, Gerald J.	Ch.E.	BE	1985	Fattahi, Gholamreza	ME	BE	1969
Fabrizio, Michael C.	Ch.E.	BE	2006	Faucher, Guy G.	EET	AAS	1984
Fabry, David A.	EET	AAS	1972			BSAS	1989
Fabry, Jeffrey A.	ME	BE	1994	Fauver, Larry Anthony	ME	BE	1992
Fabry, Jeffery A.	ME	BE	1997	Fauvie, Jeffrey W.	EE	BE	1987
Fabry, Sean E.	CE	BE	1996			MS	1990
Facemyer, Gary W.	CET	BSAS	1985	Fava, Eugene	IE	BE	1950
Fackety, David M.	EET	AAS	2009	Fawaz, Hassan Z.	EE	BE	1981
Fagan, Howard C.	EE	BE	1967	Feasline, Douglas L.	IE	BE	1982
Fagan, Nathan M.	CIS	BS	2008	Febel, Gary K.	EET	BSAS	1988
Fagen, Terry H.	EET	AAS	1976	Fechtel, Mark J.	IE	BE	1983
Fagan, Thomas R. Jr.	ME	BE	1976	Fecto, Samuel	ME	BE	1951
Fain, Justin M.	ME	BE	1996	Fedor, Frank J.	IE	BE	1960
		MS	2000	Fedor, Keith R.	EET	AAS	2000
Faiola, Bruce A.	Cmp.T.	AAS	1985			BSAS	2004
Fair, David J.	EE	MS	2000	Fedorchak, Bradley B.	Ch.E.	BE	1984
Fair, Richard J.	CE	BE	1972	Fedorchak, James J.	Ch.E.	BE	1958
Fairbank, Nelu	PPT	ATS	2007	Fedoroko, Roman	C&EE	BE	2000
Fairbanks, Ronald L.	EET	AAS	1981	Fedoruk, James M.	MET	AAS	1999
Fairman, Gary	EE	BE	1973	Fee, Allison M.	CE	BE	2003
Faizen, Mohammad	C&EE	MS	2000	Fee, Daniel E.	ME	MS	2000
Fakhteh, Mohammad R.	CET	AAS	1979	Fee, Rex D.	CET	AAS	1979
		BSAS	1979			BSAS	1984
Fakner, John S.	EET	BSAS	1985	Fee, William S.	ME	BE	1997
Fakner, Jonathan D.	EET	AAS	2009	Fees, Jeffrey M.	MET	AAS	1983
Fakner, Thomas J.	CET	AAS	1986	Feghali, Nadi Joseph	ME	BE	1979
		BSAS	1991			MS	1980
Falgiani, Lawrence B.	Ch.E.	BE	1967	Fegley, Amos R.	Cmp.T.	AAS	1982
Fallat, Martin R. Jr.	EET	AAS	1983			BSAS	1987
		BSAS	1986	Fekety, Ronald E.	MET	BSAS	1997
Faller, Kurt	Mat.E	BE	1989	Feld, Philip A.	EET	BSAS	1981
Fallo, Santo	MET	AAS	1993	Felde, Patricia A.	Cmp.T.	BSAS	1988
Fallon, Dolores J.	Ch.E.	BE	1963	Felden, David M.	EE	BE	1984
Fallos, George	ME	BE	1962			MS	1992
Fan, Isan	CE	MS	1981	Feldmiller, Richard Jr.	CE	BE	1989
Fanning, Kevin	Cmp.T.	BSAS	1988	Felesky, Jeffery	EET	BSAS	1990
Fansler, Kurt W.	ME	BE	1999	Felger, Allison	I&SE	BE	1996
Farabaugh, C. Andrew	MET	BSAS	1978	Felice, Domenick C.	ME	BE	1958
Farah, Richard G.	ME	BE	1985	Felicetty, Stefanic J.	Ch.E	BE	1996
		MS	1990	Fell, Mary K.	Cmp.T.	AAS	1986
Faraji, Mossein	MET	BSAS	1978	Fellenger, Steve D.	CE	BE	2002
Farcus, Raymond J.	CE	BE	1999	Fellington, Andrew	MET	BSAS	1992
Farelli, Joseph A.	ME	BE	1998	Felton, Margaret	Cmp.T.	AAS	1991
Farena, James A.	EET	AAS	2002	Femia-Smith, Andrew	EET	AAS	2009
		BSAS	2003	Femia, Melissa A.	IE	BE	1994
Fares, Buddy W.	EET	AAS	1987	Femia, Melessa A.	EE	MS	1998
		BSAS	1989	Fennell, Becky J.	CE	BE	2000
Fares, Heather L.	Ch.E.	BE	1982	Fennema, Paul Thomas	ME	BE	1972
Fares, Thomas M.	Mat.Sci.	BE	1982	Fenstermacher, Samuel	Cmp.T.	AAS	1993
		MS	1988	Fenstermaker, David G.	EE	BE	2001
Farina, Gary L.	MET	AAS	1980			MS	2005
Farina, James A.	CE	BE	1972	Fenton, David W.	EE	BE	1963
Farkas, Frank M.	EET	AAS	1973	Fenton, Steven	EET	BSAS	1990
		BSAS	1984	Fenton, Wayne	Cmp.T.	BSAS	1989
Farmakis, James G.	Cmp.T.	AAS	1977	Feranchak, Raymond A.	EE	BE	1952
		BSAS	1985	Ferchaw, Eric F.	IE	BE	1990
Farmakis, Janice L.	CET	AAS	1998	Ferenac, Charles F.	MET	BSAS	2005
Farnsworth, Deron Eugene	EUT	ATS	2008	Ference, Donald J.	ME	BE	1958
Farragher, Michael F.	CET	AAS	1977	Ference, Francis	Cmp.T.	BSAS	1992
		BSAS	1986	Ference, Jeffrey A.	Cmp.T.	AAS	1986
Farr, Timothy W.	MET	AAS	1996	Ference, Randall	EET	AAS	1986
Farren, Ricky L.	Cmp.T.	AAS	1983			BSAS	1988
Farris, Victor K.	I&SE	BE	2002	Ference, Stanley R.	EET	BSAS	1982
Farronger, Brian J.	MET	AAS	1983	Ference, Stephen E.	IE	BE	1959
Farrow, Carol J.	Cmp.T.	AAS	1986	Ferenchak, George B.	Cmp.T.	AAS	1972

Ferenchak, Micahel S.	Cmp.T.	AAS	1986	Fisher, Charles B.	CE	BE	1971
Ferenchak, Thomas S.	ME	BE	1969	Fisher, Charles R.	ME	BE	1954
Ferenchak, William G.	ME	BE	1964	Fisher, Cynthia L.	Cmp.T.	AAS	1985
Ferenczy, Joseph M.	MET	AAS	1982	Fisher, James D.	CET	AAS	2008
Ferenczy, William J.	EET	AAS	1975	Fisher, James D.	EET	AAS	1982
		BSAS	1977			BSAS	1983
Fergus, Kenneth R.	EET	AAS	1982	Fisher, Karen L.	Cmp.T.	AAS	1983
		BSAS	1983	Fisher, Lisa	Cmp.T.	AAS	1992
Ferguson, Charles A.	CE	BE	1981	Fisher, Marc D.	IE	BE	1973
Ferguson, James R.	DDT	AAS	1983	Fisher, Mark A.	CE	BE	1971
Ferguson, Janie	EET	AAS	1991	Fisher, Phillip C.	MET	AAS	1986
		BSAS	1993	Fisher, Rex H. Jr.	CE	BE	1973
Ferguson, Robert	CE	BE	2002	Fisher, Richard M.	Ch.E.	BE	1979
Ferlaino, Anthony Jr.	IE	BE	1994	Fisher, Robert J.	ME	BE	1983
Fernandez, Adam S.	EET	AAS	2000	Fisher, Thomas W.	EE	BE	1982
		BSAS	2002	Fitas, Michael	CE	BE	1952
Ferncez, Michael A.	EE	BE	1981	Fitch, Carol J.	CE	BE	1975
Ferrante, Richard A.	MET	AAS	1983	Fitch, Gary S.	DDT	AAS	1983
Ferrara, David James	ME	BE	1991		MET	BSAS	1985
Ferrell, Anthony D.	EE	BE	2007	Fitch, Robert A.	EE	BE	1980
Ferreri, Cmp.T.	Cmp.T.	AAS	1977	Fitchet, David G.	MET	AAS	2003
Ferreri, Dominic D.	EE	BE	1998			BSAS	2006
Ferreri, Jack A.	I&SE	BE	2000	Fithian, David L.	CET	AAS	1977
Ferreri, Joseph J.	CE	BE	1978			BSAS	1979
Ferris, Paul Mason	ME	BE	1992	Fithian, Dorothy E.	Cmp.T.	AAS	1978
Ferry, Bruce M.	EE	BE	1974	Fittipaldo, Christine	Cmp.T.	AAS	1989
Ferry, Danny	DDT	AAS	1990	Fitzgerald, James H.	EET	AAS	1997
Ferry, Oliver Hosley	ME	BE	1949			BSAS	1999
Ferry, Vincent A.	ME	BE	1961	Fitzsimmons, Larry J.	MET	AAS	1983
Fess, Kenneth W.	EE	BE	1978	Fitzsimmons, Michelle	Ch.E.	BE	1993
Fetch, Louis G.	EET	AAS	1983	Fiumara, James P.	EE	BE	1985
		BSAS	1984	Fix, Daniel R.	CE	BE	1973
Fetchu, Cathy P.	Cmp.T.	AAS	1982			MS	1974
Fetherolf, James B.	EET	AAS	1983	Fizet, Stephen	EET	AAS	2001
Fetsko, Robert V.	Ch.E.	BE	1982	Flack, David L.	IE	BE	1985
Ficocelli, Vincent M.	ME	BE	1959	Flack, Jeffrey L.	CET	BSAS	1987
Fiehler, Rhonda J.	Cmp.T.	AAS	1980	Flack, Nella	EET	AAS	1987
		BSAS	1982	Flamino, Robert A.	Ch.E.	BE	2010
Fields, Douglas	EET	BSAS	1982	Flamisch, Todd R.	EUT	ATS	2010
Fiest, Michael R.	CET	AAS	1984	Flasck, Albert R.	EE	BE	1949
		BSAS	1986	Flask, William	EET	AAS	1983
		BE	1979			BSAS	1989
Figas, Casmir J.		AAS	1990	Flavell, Kyle W.	Cmp.T.	AAS	1981
Filicky, James	EET	AAS	1982	Flaviani, Joseph D.	MET	AAS	1980
Filicky, Michael M.	MET	AAS	1987			BSAS	1981
		BSAS	1987			BE	1999
Fillian, Dawn R.	EE	BE	2001	Fleet, Daniel C.	ME	BE	1966
Fillian, John E. Jr.	EET	AAS	1981	Fleet, George Jr.	CE	BE	2003
		BSAS	1981	Fleet, James C.	ME	BE	1968
Fillian, Noah J.	EE	BE	2009	Fleet, John L.	CE	BE	2003
Finamore, Archie J.	IE	BE	1971	Fleischer, Daniel B.	DDT	AAS	2003
Finamore, Bruce	EET	AAS	1992	Fleischer, John A.	EET	AAS	1984
		BSAS	1994			BSAS	1987
Findley, David E.	EE	BE	1963	Fleming, Clarence D.	Cmp.T.	AAS	1982
Finegold, Jerry M.	CE	BE	1982			BSAS	1983
Fineo, Peter J.	EE	BE	1972	Fleming, Jason G.	ME	BE	1994
Fini, Robert W. Jr.		BE	1979	Fleming, Katie K.	ME	BE	2003
Fini, William P.	IE	BE	1983	Fleming, Timothy J.	EE	BE	1980
Finimore, Alyssa A.	Ch.E.	BE	2002	Flenoury, Christopher	EE	BE	2001
Fink, Bruce E.	EE	BE	1963	Fletcher, Harry A.	EE	BE	1956
Fink, Henry Aloysisious	ME	BE	1951	Flick, Michael	Cmp.T.	BSAS	1985
Fink, Robert Laurm	IE	BE	1952	Flink, Thomas Oscar	EE	BE	1951
Fink, William Edward	ME	BE	1983	Flinn, Martin J.	Mt.E.	BE	1956
Finn, Terrence S.	CE	BE	1984	Flinner, Ronald K.	EE	BE	1973
Fiorenzo, James P.	CE	BE	1967	Flint, Todd R.	EUT	ATS	2010
Fire, Anthony S.	PPT	ATS	2007	Flood, Brian M.	CE	BE	2004
First, Pattie A.	Cmp.T.	AAS	1981	Floor, Richard T.	Cmp.T.	AAS	1986
		BSAS	1985			BSAS	1993
Fischer, Blaise M.	Cmp.T.	AAS	1974	Flora, Robert J.	EE	BE	1977
Fischer, William E.	EE	BE	1950	Flores, Tom Sanchez	ME	BE	1950
Fiscus, Mike J.	EUT	ATS	2010	Floryjanski, Vickie J.	DDT	AAS	1983
Fiscus, Thomas R.	EUT	ATS	2007	Flowers, David Brett	ME	BE	1982
Fisher, Carl H.	CE	BE	1975	Flowers, William H.	ME	BE	1987

Floyd, Randyll O.	Cmp.T.	AAS	1981	Frampton, Ralph E.	CE	BE	1967
Flyak, George E.	Mt.E	BE	1966	France, Richard E.	EE	BE	1967
Flynn, Dennis J.	CE	BE	2007	France, Ronald J.	EET	AAS	1983
Flynn, Patricia	Cmp.T.	AAS	1973			BSAS	1985
Flynn, William Jr.	IE	BE	1964	Franceschelli, Luigi A.	CET	BSAS	1976
Fobell, Randy C.	EET	BSAS	1977	Francisco, David R.	EE	BE	1984
Fobes, Larry Lynn	ME	BE	1971	Franco, Marcos L.	Cmp.T.	AAS	1985
Foester, Robert C.	EE	BE	2003	Franek, Jerry	IE	BE	1966
Foht, Kurt D.	EET	BSAS	1985	Frangopoulos, Anna N.	Ch.E	BE	2002
Fok, Shiu Fan	ME	BE	1964	Frank, Chad E.	Ch.E.	BE	1990
Foldvary, Valeria L.	Ch.E.	BE	1991	Frank, Evertt S.	ME	BE	1950
Foley, James F. Jr.	Ch.E.	BE	1985	Frank, James M.	MET	BSAS	1985
Folino, Frederick J.	MET	AAS	1982	Frank, Paul A.	CET	AAS	2005
		BSAS	1983	Frank, Richard J.	ME	BE	1954
Folino, James J.	Ch.E.	BE	1981	Frank, Richard J.	MET	AAS	1986
Folio, Frank M.	EE	BE	1979			BSAS	1989
Folk, Joseph W.	ME	BE	1997	Frank, Robert A.	I&SE	MS	2003
Folkwein, Charles R.	Cmp.T.	AAS	1981	Frank, Thomas E.	ME	BE	1996
		BSAS	1985	Frankie, David P.	EE	BE	1974
Folsom, Glen E.	MET	AAS	1999	Frankie, Douglas P.	EE	BE	1976
		BSAS	2000		EE	MS	1978
Foltz, David A.	EE	BE	1986	Frankland, Daniel E.	EE	BE	2010
Foltz, Merle David Jr.	ME	BE	1986	Franklin, Cheryl L.	Ch.E	BE	2008
Fondoulis, William J.	EE	BE	1975	Franko, Joseph J.	EET	BSAS	1981
Foor, Joseph D.	I&SE	BE	2010	Franko, Martin	MET	AAS	1994
Forbes, Lawrence W.	CE	BE	1970		MET	BSAS	1996
Ford, Carl W.	CET	AAS	1999	Franks, James W.	CE	BE	2001
Ford, Philip D.	CE	BE	1972	Franco, John E.	EET	AAS	1975
Ford, Jeffrey I.	MET	AAS	2004	Frantz, Allen K.	CE	BE	1959
		BSAS	2006	Frantz, Emily S.	I&SE	BE	1999
Ford, Sharon	EE	BE	1991	Frantz, Robert A. Jr.	IE	BE	1957
		MS	1993	Frantzis, Marian	Cmp.T.	BSAS	1988
Ford, Thomas Miller	EE	BE	1952	Franze, John F.	ME	BE	1970
Foreman, Dennis J.	EE	BE	1967	Fraser, Jason P.	EET	AAS	2009
Forest, Benny L.	EET	AAS	1975	Frattaroli, Vince	MET	AAS	1989
Forestal, Raymond E.	EET	AAS	1980			BSAS	1990
Forkel, David Alan	ME	BE	1979	Frazer, David A.	CE	BE	1960
Forkal, Frank K.	EET	BSAS	1976	Frazier, John W.	EET	AAS	1978
Forman, Shari J.	Mat.Sci.	MS	1992	Frazier, Renee E.	I&SE	BE	2000
Formhals, Jeffrey	Cmp.T.	AAS	1992	Frazier, Robert H.	Ch.E.	BE	1967
Fornelli, Vincent J.	EE	BE	1991	Frazzini, Philip R.	MET	AAS	1983
Forner, Charles K.	MET	BSAS	1984			BSAS	1986
Forney, Bruce G.	CET	AAS	1972	Frazzini, Vincent I.	ME	BE	1965
Forney, John W.	Cmp.T.	AAS	1976	Freaney, John P.	Cmp.T.	AAS	1982
		BSAS	1978			BSAS	1983
Forodshani, Sied M. A.	CE	BE	1979	Frease, Robert L. Jr.	EE	BE	1971
Forrest, George Jr.	IE	BE	1965	Frech, John R	ME	BE	2008
Forsythe, James Earl	IE	BE	1952	Frech, Robert	ME	BE	1944
Fortine, Albert Jr.	ME	BE	1959	Fredenberg, Jaime A.	CET	AAS	1991
Foster, Alan R.	Cmp.T.	AAS	1972			BSAS	1994
Foster, Gwendolyn J.	IE	BE	1986	Fredenberg, Michael J.	Ch.E.	BE	1990
Fountoules, Kyriaki L		AAS	1977	Frederick, Albert L. Jr.	IE	BE	1969
		BSA	1979	Frederick, Brian	MET	AAS	1994
		BE	1978	Frederick, Cynthia L.	EE	BE	1986
Fountoulis, Emmanuel	CE	MS	1980	Frederick, Gregory P.	DDT	AAS	1989
		BE	2008	Frederick, Gregory P.	MET	BSAS	1996
Foutz, Anthony E.	EE	BSAS	2005	Frederick, Julie P.	IE	BE	1989
Fowler, Adam N.	EET	BSAS	2005	Frederick, Kimberly J.	EE	BE	1994
Fowler, Donna R.	EE	BE	1982	Fredrick, Bruce L.	ME	BE	1964
Fowler, Jacquelyn	Cmp.T.	AAS	1989	Fredrick, Raymond A.	ME	BE	1967
Fowler, John Alan	ME	BE	1987	Freed, Quentin E. Jr.	CE	BE	1981
Fowler, John E.	EE	BE	2002	Freed, Martin M.	EE	BE	1971
Fowler, Todd W.	EE	BE	1996	Freedy, Bryon M.	MET	BSAS	2000
Fox, Hayden M.	EE	BE	1956	Freedy, Ronald R	MET	BSA	1995
Fox, Joseph D.	Ch.E.	BE	1967	Freeman, Adam S.	Ch.E	BE	2001
Fox, Kenneth K.	CE	BE	1963	Freeman, Donald L.	IE	BE	1967
Fox, Michael T.	ME	BE	2008	Freer, Brian D.	Cmp.T.	AAS	1976
Fox, Patricia J.	Cmp.T.	AAS	1985	Freer, Bruce C.	EET	AAS	1974
Foycik, Michael J. Jr.	ME	BE	1975			BSAS	1979
Fralely, Mike Don	ME	BE	1984	Fregibon, Daryl J.	Cmp.T.	AAS	1972
Frame, Edward G.	EUT	ATS	2006	Freisen, Holly L.	Ch.E	BE	2000
Frampton, David A.	CE	BE	1969	Freisen, Thomas H.	EE	BE	1959

French, Alan P.	EET	AAS	1983	Gadhia, Mohanbhai D.	CE	MS	1972
		BSAS	1985	Gadola, Chester M.	EE	BE	1994
French, David G.	ME	BE	1968	Gadsby, Donald M.	Mt.E.	BE	1955
French, Lisa A.	EET	BSAS	1998	Gaffney, David R.	ME	BE	2007
Frengel, Joseph M. Jr.	EE	BE	1963	Gaffney, William T.	CET	BSAS	2000
Frenger, Mark C.	EET	AAS	1982	Gagish, James	MET	AAS	1987
		BSAS	1984	Gagish, Robert Jr.	CE	BE	1973
Frias, Julie A.	CET	AAS	1999			MS	1975
		BSAS	2000	Gagish, Robert S.	EUT	ATS	2006
Fricano, Salvatore J.	EE	BE	1989	Gagliano, Daniel J.	IE	BE	1968
Fridley, Raymond V.	CE	BE	2007	Gagliano, John	IE	BE	1968
Friedrich, Karl H.	Ch.E.	BE	1977		MET	BSAS	1979
Friend, Mary L.	Cmp.T.	AAS	1987	Gagliano, Joseph	EE	BE	1970
		BSAS	1988	Gagye, Elizabeth A.		BE	1974
Fritz, Tonya S.	Ch.E.	BE	1992	Gajdos, Dennis	Cmp.T.	BSAS	1992
Frohman, Deborah L.	IE	BE	1990	Gal, Richard J.	Mgt.E.	BE	1979
Fromel, John	EET	AAS	1991	Gala, Mulchand K.		BE	1970
		BSAS	1993	Galante, Dominic H. Jr.	IE	BE	1963
Fromel, Meter	Ch.E.	BE	1956	Galayde, Robert S.	EE	BE	1961
Frondorf, Robert A.	IE	BE	1964	Galey, Lane D.	EE	BE	1975
Fronzaglio, Joseph	Mat.E.	BE	1994	Galekovic, Dale E.	EET	AAS	1982
Fronzaglio, L. Troy	EET	AAS	1989	Galiano, Gary P.	IE	BE	1979
		BSAS	1991	Galida, David	IE	BE	1965
Frost, Raymond George	CET	AAS	1970	Galida, William E.	IE	BE	1967
		BSAS	1977	Galioto, Pasquale G.	Ch.E.	BE	1978
Fry, Jude A.	Ch.E.	BE	1985	Gall, Bryan D.	EE	BE	2006
Fry, Robert D.	ME	BE	1990	Gall, William J.	EET	AAS	1971
Fry, Robert L.	EE	BE	1979	Galla, Jeffrey	MET	AAS	1991
Fryda, Andrea	ME	BE	2007	Gallagher, Dennis L.	CE	BE	1982
Frye, Jeffrey A.	CET	BSAS	1989	Gallagher, James P	MET	AAS	1990
Frye, Robert B.	CE	BE	1997			BSAS	1994
Fryfogle, Timothy J.	EET	AAS	2007	Gallagher, James F.	Ch.E.	BE	1960
	EET	BSA	2009	Gallagher, James P.	Cmp.T.	BSAS	1984
Fryman, Gary L.	Ch.E.	BE	1967	Gallagher, John	Mt.E.	BE	1971
Fuenmayor, Romel J.	Ch.E.	BE	1983	Gallagher, Joseph C.	Mt.E.	BE	1964
Fuirmara, James P.	EE	BE	1985	Gallagher, Kelley A.	Ch.E.	BE	1999
Fukon, John L.	CE	BE	1962		I&SE	MS	2003
Fukon, Michael	ME	BE	1989	Gallagher, Michael P.	EET	AAS	1985
Fularz, John F.	ME	BE	1988	Gallagher, Norman M.	EET	AAS	2010
Fulkerson, Brian L.	CET	AAS	2003	Gallagher, Timothy G.	Cmp.T.	BSAS	1987
		BSAS	2004	Gallagher, Timothy R.	EE	BE	1988
Fulkerson, Francis A.	MET	AAS	1988	Gallo, Anthony J.	EET	AAS	1988
		BSAS	1990	Gallo, George L.	EET	AAS	1981
Fulkman, Brian	MET	AAS	1994			BSAS	1982
	MET	BSAS	1996	Gallo, Jonathan F.	EE	BE	1988
Fuller, Lawrence H.	IE	BE	1986			MS	1994
Fuller, Samuel	Cmp.T.	AAS	1979	Gallo, Justin J.	I&SE	BE	2000
Fullerson, Jeffrey	MET	AAS	1988	Gallo, Michael II	EET	AAS	1995
Fullum, Danny J.	ME	BE	1997	Gallo, Nicholas F.	ME	BE	1998
Fulmer, Stephanie J.	MET	AAS	2010	Gallo, Rocco	EET	AAS	1973
Fulton, Chris Wendell	ME	BE	1988	Galloway, Richard D.		BE	1973
Fulwadhva, Pravin H.	IE	BE	1972	Gallucci, Rudolph J.	MET	AAS	1988
Fumi, Leonard J.	EE	BE	1972			BSAS	1990
Funge, Rex A.	CE	BE	1989	Galmish, Jane G.	IE	BE	1983
Funtulis, Kathleen V.	Cmp.T.	AAS	1982	Galmish, Robert W.	EE	BE	1969
Furey, Thomas J.	EE	BE	1957	Gamble, Alan M.	EUT	AAS	2010
Furman, Edward M.	EET	AAS	1972	Gambrel, Anthony A.	ME	B.S.	1949
Furney, Mark E.	MET	AAS	1977	Gamez, Melanie M.	CE	BE	2000
		BSAS	1980	Ganapathy, Balakrishna	Mt.E.	MS	1972
Furst, Keith A.	MET	AAS	1980	Ganatra, Bhupendra K.	ME	MS	1971
		BSAS	1983	Ganchar, Jane M.	IE	BE	1983
Fuscillo, Joseph M.	CET	AAS	1998	Gandhi, Sudhir S.	ME	MS	1973
		BSAS	2000	Gano, David A.	MET	BSAS	1977
Fusillo, Angela M.	Cmp.T.	AAS	1977	Gaps, Robert T.	MET	AAS	1998
Futkos, Matthew J.	MET	BSAS	2004			BSAS	2000
Fuzo, John V.	EE	BE	1980	Garback, Gary Thomas	ME	MS	1976
		MS	1993	Garback, Ronald E.	EE	BE	1971
Gabrick, Michael T.	EE	BE	1994	Garcar, David	EET	AAS	1982
Gabrick, Ronald	EE	BE	1984			BSAS	1984
Gabriel, James M.	Mt.E.	BE	1966	Garcar, Donna J.	Ch.E.	BE	1981
Gabriele, Marcantony	ME	BE	1997	Garcar, Michelle	EE	BE	1989
Gaddis, James E.	EE	BE	1967	Garcar, Robert Jr.	EE	BE	1980

Garchar, Bryan P.	EE	BE	1996	Gbur, Michael E.	MET	AAS	2001
Garchar, Edward M.	EET	AAS	1977		MET	BSA	2003
		BSAS	1983	Gealy, Preston L.	ME	BE	2004
Garchar, Joseph C.	Cmp.T.	AAS	1985	Gealy, Steven W.	CE	BE	1988
		BSAS	1987	Gearhart, Gary L.	EE	BE	1974
Garchar, Kevin D.	IT	BSAS	2000	Gearheart, Brian K.	MET	BSA	2000
Garchar, Ronald A.	EE	BE	1973	Geary, Douglas E.	ME	MS	1997
Garczewski, Jonathan	CE	BE	2005		ME	BE	1987
Garczynski, John A.	Cmp.T.	AAS	1971	Gebbia, Joseph A.	Ch.E.	BE	1964
Gardner, Donna K.	Ch.E.	BE	1992	Gebelein, Charles G.	EET	BSAS	1987
Gardner, Melissa A.	CET	AAS	1987	Gebhardt, Dale C.	ME	BE	1998
Gardner, Robert J.	Cmp.T.	BSAS	1984	Gebhardt, Matthew D.	EUT	ATS	2008
Gardner, Terrance	MET	AAS	1992	Gedra, Alex D.	Ch.E.	BE	2007
Gardner, William B.	CE	BE	1974	Geer, Ralph D.	EE	BE	1976
Garfoli, Ian	CE	BE	2001	Geer, Ronald Eugene	ME	BE	1980
Garfunkel, David A.	ME	BE	1967	Geer, Wayne K.	ME	BE	1987
Gargadz, Stanley	CE	BE	1966	Geer, William J.	CE	BE	1953
Garland, John	EET	BSAS	1992	Geffert, Nicole	Ch.E.	BE	2007
Garland, Tammie	Cmp.T.	BSAS	1985	Gehring, John H.	IE	BE	1970
Garner, Lori	Cmp.T.	AAS	1991	Geidans, Rudy	Cmp.T.	BSAS	1989
Garner, Sean Lee	ME	BE	1991	Geiger, Jerry A.	CE	BE	1964
Garnet, James Sr.	EET	AAS	1990	Geiger, Timothy E.	EET	AAS	1981
		BSAS	1992			BSAS	1984
Garramone, Guy J.	MET	AAS	1984	Geisel, Michael	EET	BSAS	1991
		BSAS	1986	Geisel, Robert J.	EE	BE	1984
Garrett, Charles E.	CE	BE	1966	Geiser, Kevin M.	ME	BE	2004
Garrett, Roger L.	Mat.Sci.	BE	1982	Geisler, Brian T.	ME	MS	1999
		MS	1990		ME	BE	1997
Garriel, Federico F. III	ME	BE	1979	Geisler, Regis P.	Ch.E.	BE	1996
Garrison, Danny N.	EET	AAS	1987	Geiss, John W.	CET	BSAS	1987
		BSAS	1989	Geist, Gregory A.	Mat.E.	BE	1992
Garthwaite, David Anthony	EE	BE	2008	Gelet, Daniel T.	EE	BE	1981
Garthwaite, Thomas	Ch.E.	BE	1998	Geltz, Rebecca	Cmp.T.	AAS	1991
Gartland, Robert J.	Ch.E.	BE	1970	Gendron, John	EET	AAS	1990
Garver, Donald L.	ME	BE	1960	Genova, Anthony Jr.	Ch.E.	BE	1983
Garver, Douglas J.	EET	AAS	1987	Genova, Joseph	EET	BSAS	1991
Gary, Gladys	Ch.E.	BE	1960	Genova, Michael J.	EUT	ATS	2009
Gasior, Jules	EUT	AAS	2009	Genovesi, John A.	EET	BSAS	1986
Gaskill, Joseph D.	EET	AAS	1996	Genovesi, Matthew	EET	BSAS	1992
	EET	BSA	1999	Gent, Thomas E.	EE	BE	1976
Gasperek, Stephen A.	MET	AAS	1983	Gente, Naveen	I&SE	MSE	2009
		BSAS	1984	Gentile, Michael A.	CE	BE	2002
Gaspari, Bruno R.	CE	BE	1957	Gentile, Jack	EET	AAS	1989
Gasser, Bryan W.	MET	AAS	1996	Gentile, William N.	ME	BE	1965
	MET	BSA	1997	Genuske, Megan E.	ME	BE	2009
	I&SE	MS	2002	George, Barry Scott	ME	BE	1976
Gates, Leonard J.	Cmp.T.	BSAS	1988	George, David L.	EET	AAS	2003
Gati, Frank	ME	BE	1986		EET	BSA	2004
Gatrell, Georgeann	EET	AAS	1988	George, Frederick A.	CE	BE	1979
Gatti, Joeo Michael	ME	BE	1980	George, John H.	ME	BE	1974
Gatto, Joseph	EE	BE	1963	George, Raymond H.	CE	BE	1973
Gattuso, Anthony J.	Cmp.T.	AAS	1986	Georger, Robert J.	MET	BSA	1996
		BSAS	1989	George, Thomas E.	DDT	AAS	1984
Gaul, Wesley J. Jr.	CET	AAS	1979		ME	BE	1988
		BSAS	1981	George, Thomas R.	IE	BE	1972
Gautam, Deepak	EE	MS	2004	Georges, Pamela	Cmp.T.	BSAS	1982
Gavala, Thomas J.	ME	BE	1981	Georgiou, Christos N.	EE	BE	1988
Gavalier, Lori A.	IE	BE	1986	Gerasimek, Adam J.	ME	IE	2006
Gavalier, Richard J.	ME	BE	1964	Gerasimek, Cheri A.	Cmp.T.	AAS	1984
Gavroy, John	MET	AAS	1995			BSAS	1987
	MET	BSA	2001	Gerasimek, Karl R.	Cmp.T.	AAS	1985
Gavula, Michael S.	CET	AAS	1984	Gerba, Albert M.	EE	BE	1964
		BSAS	1987	Gerber, Ronald F.	Mt.E.	BE	1963
Gayan, Eric M.	ME	BE	1990	Gerberry, John E.	EE	BE	1960
Gaydosh, David A.	EET	AAS	1980	Gerek, Laura	EE	BE	1985
		BSAS	1982	Geren, John W.	EE	BE	1972
Gayetsky, Elmer John	EE	BE	1949	Gereoudakis, Michael	CE	BE	1986
Gayetsky, Joel D.	Ch.E.	BE	1970	Gerish, Renee M.	EET	AAS	1982
Gayetsky, John E.	Ch.E.	BE	1985	Gergye, Louis Jr.	EE	BE	1953
Gbur, Brian J.	Mt.E.	BE	1998	Gerhardstein, Paul J.	EE	BE	2006
Gbur, Janet Lynn	ICP	BE	2008	Gerle, Robert A.	MET	BSAS	1979
Gbur, Jerome George	ME	BE	1964	German, Steven J.	Cmp.T.	AAS	1978

Germovak, Joseph	EET	BSAS	1992	Gibson, Donald L.	ME	BE	1990
Geroni, Louis J.	MET	AAS	1979	Gibson, Robert L.	EET	AAS	1995
		BSAS	1981	Gibson, William	EET	AAS	1984
Gerst, Brian S.	CE	BE	1995	Gidney, Marvin L.	MET	AAS	2003
Gerst, Carl W. Jr.	EE	BE	1959	Giesecke, Albert C.	CE	BE	1968
Gerstnecker, Timothy N.	EE	BE	1984	Gilany, John Z. III		BE	1995
Gertz, Jeffrey E.	CET	AAS	1989	Gilanyi, Robert	EET	AAS	1988
		BSAS	1989			BSAS	1991
Gerwing, Theodore G.	EE	BE	1951	Gilbert, Maren R.	I&SE	BE	2003
Gesing, Christopher G.	CE	BE	1980	Gilbert, Todd M.	EE	BE	2002
		MS	1984			MS	2003
Gessler, Mathew T.	EUT	ATS	2006	Gilboy, Lawrence F.	I&SE	BE	1998
Getchy, John R.	CE	BE	1972	Gilboy, William A.	CE	BE	1964
Getchy, William J.	EE	BE	1964	Gilea, Ciprean V.	EE	BE	2002
Getsy, Andy W.	MET	AAS	1977	Giles, Emerson E.	EE	BE	1974
		BSAS	1979	Gilida, Kristin Renee	Ch.E	BE	2008
		MS	1986	Gillam, Warren E.	EE	BE	1973
Getsy, Francis L.	Cmp.T.	AAS	1984	Gillian, Michael J.	EE	BE	1996
		BSAS	1986			MS	2000
Getsy, Mary J.	Cmp.T.	AAS	1978	Gilliland, Harry R.	IE	BE	1973
Gettan, Shawn M.	Ch.E	BE	1998	Gillis, J. Patrick	MET	AAS	1971
Ghaderi, Farhad A.		BE	1975	Gillis, Megan E.	CE	BE	1999
Ghalaini, Ahmad A.	EE	BE	1979	Gilmartin, Thomas P.	ME	BE	1980
Ghalayini, Omar S.	EE	BE	1979	Gilmartin, Tracy L		AAS	1981
		MS	1981	Gingery, Carol I.	Cmp.T.	AAS	1984
Ghamami, Sholeh	I&SE	BE	1998			BSAS	1989
Ghassab, Cyrus	MET	BSAS	1984	Ginn, Johnny L.	EE	BE	1979
Ghioldi, Wajiha Z.	EE	BE	2007	Ginnetti, Patrick T.		BE	1995
Ghelani, Mahendra V.	ME	BE	1971	Ginnetti, Richard M.	ME	BE	1991
Ghioldi, Anthony M.	ME	BE	2006	Ginocchi, Joseph A.	CE	BE	1991
Ghioldi, Carti M.	Ch.E	BE	2006	Gintert, Dean W. Jr.	ME	BE	1964
Ghizzoni, Ronald E.	EET	AAS	1976	Gintert, Lawrence A.	CE	BE	1979
		BSAS	1981	Gintert, Robert J.	CE	BE	2010
Ghnaim, Hazem	ME	MS	1997	Ginty, Carol S.	CE	BE	1981
Ghnaim, Hazem Amin	ME	BE	1992	Gioglio, Fred	CE	BE	1962
Ghnaim, Israr A.	EE	BE	1999	Giova, Paul J.		BE	1984
Ghods, Majid	ME	BE	1983	Girard, Donald J.	EE	BE	1963
		MS	1986	Giri, Sopan R.	ME	MSE	1982
Ghoorkhanian, Fariborz	EE	MS	1980	Girts, James R.	EET	AAS	1984
Ghossain, Fred	IE	BE	1971			BSAS	1987
Giampietro, Michael J.	CET	AAS	2006	Girts, Karen S.	Cmp.T.	AAS	1985
		BSAS	2006			BSAS	1987
Ginacola, Allison M.	Ch.E	BE	2010	Gittins, Dennis M.	EET	BSAS	1985
Giancola, David N.	MET	BSAS	1985	Giuliani, James J.	MET	AAS	1983
Giancola, Dean L.	EET	AAS	1980	Giuliani, Michelle C.	CE	BE	1998
		BSAS	1981	Giusto, Christopher A.	ME	BE	2002
Giancola, Dennis J.	Mt.E.	BE	1975	Givi, Peyman	ME	BE	1980
Giancola, James P.	EET	AAS	1982	Gizzi, Phillip	IE	BE	1969
		BSAS	1985	Glad, John R.	MET	BSAS	1980
Giancola, Joseph F.	Cmp.T.	AAS	1984	Gladd, David Lewis	ME	BE	1972
Giangardella, Anthony T.	EE	BE	1955	Gladd, Joseph Howard	ME	BE	1973
Giangardella, John J.	Ch.E.	BE	1964	Gladd, Matthew J.	ME	BE	1964
Giangardella, John P.	EE	BE	1987	Gladysz, Gary M.	Ch.E.	BE	1989
Giangiordano, Stephen R.	Ch.E.	BE	1979	Glaser, James M.	IE	BE	1965
Giangiuli, Maria L.	IE	BE	1995	Glasnapp, Jeffrey R.	IE	BE	1993
Giannone, James	IE	BE	1966	Glasnapp, Julie L.	Ch.E	BE	1998
Giannoulis, Petros E.	Cmp.T.	AAS	1990	Glass, Garry L.	Cmp.T.	AAS	1987
Giannulis, Dimitrios E.	Cmp.T.	AAS	1979	Glass, Jason, P.	EE	BE	1997
Giardini, David C.	IE	BE	1978	Glass, John C.	Ch.E.	BE	1966
Giba, Gary G.	EET	BSAS	1987	Glass, Joseph C.	EE	BE	1977
Giba, John M.	ME	BE	1967	Glass, Melissa L.	Ch.E	BE	2003
Giba, Richard J.	Ch.E.	BE	1963	Glass, William J.	CE	BE	1987
Gibbons, Thomas R.	EE	BE	1979	Glassmeyer, Diane M.	MET	BSAS	1987
Gibbons, Timothy B.	EET	AAS	1999	Glaven, Edward F. Jr.	ME	BE	1976
		BSAS	2001	Glazzy, Michael J.	EE	BE	1958
Gibbons, Virgil C.	IE	BE	1965	Glecker, Donald L.	MET	BSAS	1978
Gibbs, Yvette M.	EET	BSAS	1987	Gledhill, Joseph M. Jr.	IE	BE	1970
Gibbs, Scott E.	EE	BE	2006	Glenn, John R.	EET	BSAS	2006
Gibson, Christopher M.	MET	AAS	2002	Gleydura, Gene A.	Cmp.T.	AAS	1984
		BSAS	2004	Gleydura, Joseph R.	EE	BE	1967
Gibson, David R. Jr.	MET	AAS	1976	Gleydura, Todd A.	CET	AAS	2001
		BSAS	1986			BSAS	2003



Gligor, John	EUT	ATS	2007	Gory, James Louis	Ch.E.	BE	1954
Glinatsis, Mark	Ch.E.	BE	1993	Goryanec, Stephen Jr.	Ch.E.	BE	1959
Glink, Ronald B.	Cmp.T.	AAS	1974	Gosrisirikul, Natachai		BE	1977
Glista, Andrew S. Jr.	EE	BE	1968	Goss, Ronald C.	EE	BE	1965
Glista, John Charles	ME	BE	1966	Gostey, Robert M.	CE	BE	1998
Globeck, Stephen M.	MET	AAS	1982	Gotal, Joseph	EE	BE	1951
Globeck, Steven M.	MET	BSAS	1998	Gotjan, Sergei	ME	BE	1959
Glod, Robert E.		BE	1973	Goto, Mikihiko		BE	1975
Glodde, Robert E.	Cmp.T.	AAS	1981	Gott, Tim A.	CE	BE	1998
		BSAS	1983	Gotti, Geoffrey H.	Cmp.T.	AAS	1984
Glorioso, Patricia J.	Cmp.T.	BSAS	1983			BSAS	1986
Glova, Paul J.	Ch.E.	BE	1984	Gottschling, Jerry D.	Mt.E.	MS	1976
Glover, Wilfred A. III		BE	1969	Gould, Bradley C.	Cmp.T.	AAS	1973
Glozer, John E.	EE	BE	1958	Gould, Jody	Cmp.T.	BSAS	1991
Go, David Chua	ME	BE	1966	Gould, Lawrence J.		BE	1971
Gober, Thomas E.	Ch.E.	BE	1988	Gould, Michael J.	CE	BE	1982
Goch, Stephen W.	Ch.E.	BE	1969	Goulish, Gabriel	ME	BE	1960
Gociano, David A.	CE	BE	1976	Goulish, Robert J.	Ch.E.	BE	1972
Goddard, Andrew S.	EET	AAS	2007	Gourley, Lisa A.	CE	BE	1983
Goddard, Brian C.	DDT	AAS	2005	Gove, Jean A. M.	Cmp.T.	AAS	1981
Goddard, Brian Christopher	CE	BE	2008			BSAS	1984
Goddard, Janine E.	Cmp.T.	AAS	1986	Govojdean, John	Cmp.T.	AAS	1991
Goehring, Daniel A.	ME	BE	2000	Gozelanczyk, Donald E.	MET	BSAS	1984
Goehring, Garry L.	CE	BE	1980	Gozur, Deborah L.	IE	BE	1981
Goehring, Lee A.	CET	BSAS	1985	Graban, Adam J.	CET	AAS	2010
Gogesch, Richard S.	EE	BE	1975	Grabowsky, Jeremy D.	ME	BE	2006
		MS	1976	Grace, Joseph P.	IE	BE	1988
Gohel, Kishore N.	ME	MS	1981	Grady, Timothy P.	ME	BE	1991
Gokmen, Ali H.	CE	BE	1959	Graff, Paul G. Jr.	EET	AAS	1975
Golas, Eugene A.	Mt.E.	BE	1963		EE	BE	1980
Goldner, Robert F.	Mat.E.	BE	1993	Graffius, Kimberly J.	EET	AAS	1996
Gollner, Michael W.	EE	BE	1967			BSAS	1998
Golubic, Dennis A.	CE	BE	1981	Grafton, William R.	Cmp.T.	AAS	1985
Golubic, Dennis A.	ME	BE	2006			BSAS	1986
Golubic, Thomas A.	Ch.E.	BE	1978	Graham, Joshua A.	CE	BE	2010
Gomola, Robert J.	MET	BSAS	1980	Graham, Lori A.	CET	AAS	1999
Gomory, David A.	EET	BSAS	1982	Gramoy, Samantha M.	CET	BSAS	2007
Gonci, Robert	EE	BE	1961	Gran, Carl W.	EET	BSAS	1987
Gooch, Gregory C.	Cmp.T.	BSAS	1982	Gran, Kenneth J.	EET	AAS	1984
Goncz, Joseph F. Jr.	EE	BE	1961			BSAS	1989
Good, Charles J.	EUT	ATS	2008	Granchie, Joseph W.	MET	AAS	2001
Good, Eli W.	ME	BE	2010	Granger, Mark Allan	ME	BE	1976
Good, Walter E.	IE	BE	1969	Granato, Joyce	Cmp.T.	AAS	1985
Good, William J.	IE	BE	1958	Granitto, Joseph J.	EE	BE	1960
Goodall, Lorne S.	Cmp.T.	AAS	1980	Granitto, Leonard A.	ME	BE	1957
Goodballet, Bruce W.	CE	BE	1976	Granitto, Nick Vincent	EE	BE	1953
Gooden, Rodney A.	EE	BE	1988	Grantonic, David J.	EUT	ATS	2004
Goodman, Kevin	ME	BE	2000	Grapentine, Brett N.	EET	AAS	1982
Goodman, Paul Louis	ME	BE	1963			BSAS	1984
Goodman, Ralph Ustin	ME	BE	1969	Grapevine, John B.	CET	AAS	1983
Goodrich, David M.	Mat.E.	BE	1993			BSAS	1987
Goodsell, Earl M. Jr.	ME	BE	1965	Gratta, David	MET	BSAS	1992
Goodwin, James L.	CE	BE	1990	Gratz, Gerald L.	EET	AAS	1973
Goodwin, Terrance S.	Cmp.T.	BSAS	1980	Grauel, Michael A.	EE	BE	2000
Gora, Joseph V.	EET	AAS	1977	Gray, Eric D.	MET	BSA	2003
	EE	BE	1986	Gray, Dale E.	CET	BSAS	1989
		BSA	1986	Gray, James A.	Ch.E.	BE	1968
Gorbey, Mark T.		BE	1975	Gray, James P.	Ch.E.	BE	2009
Gorby, Donald	IE	BE	1968	Gray, Joseph L.	CE	BE	1989
Gorby, Halwyn C.	IE	BE	1968	Gray, Nathan N.	ME	BE	2004
Gorby, Mark	Cmp.T.	AAS	1986	Gray, Robert A.	Mt.E.	BE	1965
Gordon, Allen K.	MET	AAS	2007	Gray, Robert L. Jr.	Ch.E.	BE	1960
	MET	BSA	2009	Gray, R. Edward Jr.	EE	BE	1991
Gordon, Douglas	Cmp.T.	BSAS	1990	Gray, Steve R.	EE	BE	2000
Gordon, Paul P.	EE	BE	1987	Graygo, Henry F. Jr.	CE	BE	1971
Gordos, David C.	EET	BSAS	1983	Grayson, Jeffrey S.	EE	BE	1986
Gordos, Dennis M.	EET	BSAS	1988	Grayson, Randall	EET	AAS	1992
Gorga, William H.	EE	BE	1950			BSAS	1994
Gorgacz, Stanley	Ch.E.	BE	1966	Graziosi, James E.	EET	BSAS	1982
Gorgei, Donald J.	ME	BE	1964	Grbinich, Nancy E.	CET	AAS	1980
Gorman, Robert John	IE	BE	1950	Grdenick, Joseph W.	ME	BE	1962
Gorski, James J.	EET	AAS	1972	Greaf, John E.	EE	BE	1967
Gorsky, John E.	Cmp.T.	AAS	1980				

Greb, Mark	EET	AAS	1992	Grohovsky, John R. II	IE	BE	1983
Greb, Richard	EE	MS	1975	Grope, James R.	DDT	AAS	1981
Greco, Daniel P.	Cmp.T.	AAS	1982	Grope, James R.	MET	BSAS	1996
		BSAS	1985	Gross, Daryl D.	MET	AAS	1973
Greco, John R.	Ch.E.	BE	1976			BSAS	1975
Grecko, Matthew G.	EE	BE	1993	Gross, Daryl D.	I&SE	MS	2001
Grecula, Dorothy M.	EE	BE	1984	Gross, James H. Jr.	EE	BE	1985
Green, Barbara J.		BE	1984	Gross, Mark L.	EE	BE	1982
Green, Beverly	Cmp.T.	AAS	1971	Grossen, Ralph W. Jr.	EET	AAS	1986
Green, Debra A.	Cmp.T.	AAS	1987	Grosso, Babcy A.		BE	1977
Green, Edward H.	EE	BE	1985	Grosso, Patricia A.	IE	BE	1984
Green, Gary L.	Cmp.T.	BSAS	1988	Groubert, Brian D.	ME	BE	1994
Green, James F.	Ch.E.	BE	1983	Grove, John W. Jr.	CE	BE	1958
Green, James G.	EET	AAS	1982			MS	1980
		BSAS	1984	Grove, Rebecca	ME	BE	2006
Green, Michael P.	I&SE	BE	2002	Groves, Lawrence E. Jr.	Ch.E.	BE	1978
Green, Ned H.	EE	BE	1961	Groves, Thomas J.	EET	AAS	1985
Green, Robert W.	Cmp.T.	AAS	1977	Groza, Sandra L.	EET	AAS	1978
		BSAS	1980			BSAS	1985
Green, Timothy J.	IE	BE	1987	Grubb, Robert J.	IE	BE	1961
Green, William J.	DDT	AAS	1978	Grubb, Robert J.	EET	AAS	1971
	CET	BSAS	1983	Grubbs, Joseph S.	CE	BE	1990
Greenamyer, Edwin L.	CE	BE	1967	Grubbs, Ronnie L.	I&SE	BE	1997
Greenawalt, Benjamin	ME	BE	2007	Gruber, Ryan M.	EUT	ATS	2009
Greenawalt, Dale W.	EE	BE	1991	Grubisha, James G.	ME	BE	1963
Green Hummel, Barbara J.	Ch.E.	BE	1984	Grumley, Michael N.	CE	BE	2009
Gregg, Thomas	MET	BSAS	1985	Grumley, Thomas G.	EE	BE	2006
Grego, Randy C.	Cmp.T.	AAS	1980	Grunenwald, Joseph P.	IE	BE	1970
Gregor, Michelle M.	CE	BE	1984	Grunenwald, Robert A.	ME	BE	1994
Gregoriou, Anastassios	EE	BE	1983	Gruszecki, Bradley	CE	BE	2009
Gregory, Kevin M.	Mat.E.	BE	1993	Grybos, Larry F.	CE	BE	1983
Gregory, Stanley R.	Mt.E.	BE	1982	Grzywna, Zena	Ch.E.	BE	1973
Gregos, Andrew C. J.	MET	AAS	1984	Gsell, Stephen C.	CET	BSAS	1978
		BSAS	1985	Guarnieri, Frank C.	ME	BE	1960
Greico, Laurie	Cmp.T.	AAS	1991	Gubser, William David	ME	BE	1970
Greier, Donald Karl	ME	BE	1980	Gucwa, David	EET	BSAS	1991
Greier, Kimberly A.	Cmp.T.	AAS	1982	Gucwa, Paul T.	EET	AAS	1996
Greier, William A.	I&SE	BE	2006	Gudmundson, Brad	MET	AAS	1993
Grenga, Anthony	MET	BSAS	1994	Guerrino, Gianna M.	ME	BE	2003
Gretsinger, Kenneth M.	ME	BE	1985	Guerra, Fabian B.	EE	B.E	1966
		MS	1987	Guerra, Lynette M.		BE	1986
Grewe, Brian	MET	AAS	1995	Guerrieri, Danielle M.	BE	ME	2008
Grewe, Brian D.	MET	BSAS	1997	Guerriero, John R.	Ch.E.	BE	1982
Grich, David E.	Ch.E.	BE	1986	Guerriero, Joseph V.	IE	BE	1966
Grieco, Daniel Jr.	EE	BE	1969	Guerriero, Louis	Cmp.T.	BSAS	1980
Griffin, Daniel Ray	ME	BE	1988	Guerriero, Mark S.	Ch.E.	BE	1982
Griffin, Donald L.	EET	AAS	1982	Guerriero, Marie E.	Cmp.T.	AAS	1976
Griffin, Mark A.	CE	BE	2001			BSAS	1982
Griffith, Gary A.	IE	BE	1985	Guerriero, Michael	EET	AAS	1988
Griffiths, William Jr.	ME	BE	1994			BSAS	1990
Griglak, Robert	EET	BSAS	1990	Guesman, Walter B.	ME	BE	1975
Grillis, John N.	CE	BE	2000	Guffey, John W. Jr.	IE	BE	1962
	C&EE	MS	2003	Guglielmo, Nicholas A.	Ch.E.	BE	1995
Grimes, Eber A.	DDT	AAS	1998	Gugliotti, John	EET	AAS	1993
Grimes, Thomas Edward	ME	BE	1969	Gugliotti, Nathan J.	EE	BE	2000
Grimm, Charles A.	EE	BE	1979	Gugliotti, Paul	EET	BSAS	1987
Grimm, Duwayne A.	MET	BSAS	1982	Guidos, Edward J.	EE	BE	1986
Grimm, Michael	EET	AAS	1991	Guidosh, Jacob A.	I&SE	MSE	2009
		BSAS	1994		I&SE	BE	2007
Grimm, Roger E. Jr.	CE	BE	1995	Guiler, Scott Alan	ME	BE	1981
Grins, Margers	Ch.E.	BE	1954	Guinaugh, Michael D.	CE	BE	1993
Grinstead, Leonard S.	Cmp.T.	AAS	1978	Gula, Vince L.	ME	BE	2003
Grinta, Jeffrey	Cmp.T.	AAS	1983	Gula, Richard F.	MET	AAS	1975
		BSAS	1985			BSAS	1978
Grisa, David C.	MET	AAS	1974	Guldesz, Jacob A.	I&SE	BE	2007
Grist, Wallace S.	ME	BE	1956	Gulla, Edward C.	MET	BSAS	1980
Griswold, Glenn Nelson	ME	BE	1984	Gully, Sol W.	EE	BE	1967
Griswold, Ronald D.	CE	BE	1976	Gumino, Frank P.	Cmp.T.	BSAS	1987
Grivensky, John Z.	EET	BSAS	1997	Gundry, David Rees	EE	BE	1953
Grivensky, Lori A.		BE	1986	Gunger, Frank J.		BE	1957
Grodecki, Gerald E.	EE	BE	1965	Guntrum, Kimberly M.	EET	AAS	2006
Groesbeck, Albert Jr.	IE	BE	1967			BSAS	2007

Gunyula, James W.	ICP	BSAS	2007	Hake, Joseph L.	EE	BE	1976
Guo, Nae-Chian	MET	AAS	2000	Hake, Randall J.	CE	BE	1987
	ME	MS	1987	Hakimian, Bijan J.	EE	BE	1969
	EE	MS	1988	Halasah, Ramzi K.	CET	AAS	1989
Gupta, Triloki	ME	BE	1967			BSAS	1991
Gupta, Virinder P.	EE	MS	1971	Halase, John F. III	EE	MS	1975
Gurgiolo, Salvador V.	IE	BE	1952	Halaweh, Tamara H.	CS	BS	2008
Gurgos, Michele A.	EE	BE	1984	Halbert, Lynette M.	Ch.E.	BE	1985
Gustafson, Doreen M.	I&SE	BE	1996	Haldi, Charles R.	EET	BSAS	1983
Gustovich, Matthew M.	I&SE	BE	2005	Hale, Rosalie A.	Cmp.T.	AAS	1970
Guthridge, James D.	IE	BE	1966	Halick, Edward Stephen III	ME	BE	1992
Gutshall, Raymond P.	EET	BSAS	1985			MS	1993
Guy, Barry L.	ME	BE	1987	Halker, Edward R.	ME	BE	1957
Guy, Kenneth A.	EE	BE	1973	Hall, Charles A.	IE	BE	1973
Guyaux, Lee	EET	BSAS	1992	Hall, David Charles	ME	BE	1950
Guzan, Kimberly L.	Ch.E.	BE	1996	Hall, Gary D.	IE	BE	1986
Guzi, Jerome S.	MET	AAS	1974	Hall, Gregory A.	ME	BE	2010
Guzi, James S.	Ch.E.	BE	1970	Hall, James C.		AAS	1981
Guzik, Michael A.	EE	BE	1973	Hall, James C.	EE	BE	2009
		MS	1977	Hall, James J.	CET	AAS	1997
Gwin, Richard K.	EE	BE	1962			BSAS	1999
Gwin, Russel W.	ME	BE	1985	Hall, Janet L.	Cmp.T.	AAS	1979
Gwin, William Paul	ME	BE	1970	Hall, Jeffrey B.	EET	AAS	1983
Gwartz, Kenneth	Cmp.T.	BSAS	1991	Hall, Laurel S.	Cmp.T.	AAS	1979
Gyurek, John Walter	ME	BE	1958	Hall, Laurie A.	EE	BE	1989
Haag, Robert Albert	ME	BE	1970	Hall, Linda A.		BE	1982
Haas, Herman P.	EE	BE	1987	Hall, Mark A.	MET	AAS	2010
Haas, Randy M.	EET	AAS	1986	Hall, Mary	Cmp.T.	AAS	1973
		BSAS	1988	Hall, Raymond L.	Ch.E.	BE	1996
Haas, Robert M.	Cmp.T.	AAS	1984	Hall, Richard E.	EET	AAS	1979
Haas, Robert M.	MET	BSAS	2005			BSAS	1980
Haas, William D.	EE	BE	2006	Hall, Robert C.	EE	BE	1975
Habarka, Lawrence P.	CE	BE	1979			MS	1988
Habeeb, Shaik Abdul	ME	MS	1972	Hall, Robert G.	CET	AAS	1993
Habeger, Larrin J.	EE	BE	1997	Hall, Ronald S.	Ch.E.	BE	1963
Habenschuss, Fred E.	EET	AAS	1979	Hall, Wayne D.	Ch.E.	BE	1968
Habosky, Mark J.	CET	AAS	1973	Hall, William E. Jr.	ME	BE	1975
Habuda, Blair A.	ME	BE	1967	Hallam, Stephanie M.	Cmp.T.	AAS	1984
Habuda, James B.	Ch.E.	BE	1997	Hallett, Christopher D.	ME	BE	2010
Habuda, John M.	IE	BE	1961	Hallochak, Andrew J.	EE	BE	1977
Hachem, Georges M.	EE	BE	1987			MS	1981
Hachem, Georges M.	EE	MS	1996	Hallochak, Audrey	Ch.E.	BE	1980
Hachem, Stephanie L.	CE	BE	1989	Halloway, John C.	I&SE	BE	1997
Hackett, James R.	ME	BE	1970	Halman, Robert J.	ME	BE	1987
Hackett, Patricia M.	Cmp.T.	AAS	1986	Halowell, John E.	EET	AAS	1987
		BSAS	1989			BSAS	1989
Hackett, Robert D.	Cmp.T.	AAS	1985	Halsey, Homer P.	EE	MS	1972
Hackett, Thomas R.	ME	BE	1963	Halstead, Gary E.	CE	BE	1965
Hackstedde, David	EE	MS	1993	Halstabiddle, John P.	ME	BE	1951
Haddad, Bassam F.	EE	BE	1992	Halverstadt, Dave N.	CET	BSAS	2005
Hadjghaffar Saleh, Mohammad R.		BE	1979	Halvis, James	EE	BE	1972
Hadnett, Robert E.	Cmp.T.	AAS	1985	Halvis, Nick J.	MET	BSAS	1984
		BSAS	1989	Hamad, Maher Ahmad	ME	MS	1990
Hagan, Edward Francis	ME	BE	1963	Hamarneh, Raja S.	CE	BE	1970
Hagans, Robin R.		BE	1979	Hamdan, Hitham	CE	MS	1984
Haggerty, Martin T.	EET	AAS	1985	Hames, Joseph J.	IE	BE	1991
Haggis, Charles H. Jr.	CET	AAS	1977	Hami, Ali	ME	BE	1982
Hagglund, Nicholas J.	Ch.E.	BE	2003	Hami, Amir	EE	BE	1983
Hagman, Charles W.	ME	BE	2004	Hamill, Judy A.	CE	BE	1994
Hagstrom, George T.	ME	BE	1972	Hamilton, Douglas A.	Cmp.T.	BSAS	1981
Haines, Ronald K.	Ch.E.	BE	1981	Hamilton, Gregory	MET	AAS	2004
Hainzer, Eric M.	MET	AAS	1982			BSAS	2004
		BSAS	1982	Hamilton, Mark James	ME	BE	1989
Hairston, Timothy R.	DDT	AAS	1983	Hamilton, Mark S.	Ch.E.	BE	2007
Hais, Hugo C.	CET	BSAS	1985	Hamilton, Norma J.	Cmp.T.	AAS	1976
Hajbeh, Bassam T.	CE	MS	1986	Hamilton, Norman F.	CET	AAS	1984
Hajdak, Robert M.	EET	AAS	1973	Hamilton, Robert L.	MET	AAS	1975
		BSAS	1976	Hamley, John A.	EE	BE	1985
Hajec, Richard L.	MET	AAS	1974	Hammar, Jerome R.	IE	BE	1972
		BSAS	1976	Hammond, David L.	EET	AAS	1983
Haj-Tamim, Emad F.	CE	BE	1995	Hammoud, Imad Y.	CE	MS	1986
Hake, James D.	EE	BE	1977	Hammoud, Jihad Y.	ME	MS	1988

Hampson, Chad	EET	AAS	1997	Harkleroad, David J.	Ch.E.	BE	1995	
Hamrock, Alfred R. Jr.	IE	BE	1974	Harkulich, Joseph A.	EE	BE	1991	
Hamrock, David J.	MET	AAS	2003	Harl, David McKean	EE	BE	1952	
Hamrock, Gerald A.	EE	BE	1993	Harlan, Rebah D.	Cmp.T.	AAS	1983	
Hamrock, James F.	CE	BE	1974	Harley, Charles F.	EE	BE	1968	
Hamrock, Joseph G.	EE	BE	1986	Harley, Jill B.	Cmp.T.	AAS	1979	
Hamrock, Michael M.	EET	AAS	1997	Harmon, Loretta	Cmp.T.	AAS	1992	
Hamrock, Patrick S.	EE	BE	1987	Harmon, Seth S.	EUT	ATS	2008	
Hamrock, Stephen J.	Cmp.T.	BSAS	1984	Harpaz, Yossef		BE	1949	
Hamrock, Thomas W.	EE	BE	1971	Harpster, James J. Jr.	Ch.E.	BE	1980	
Hanak, Barry P.	Mt.E.	BE	1969	Harrah, Gary L.	ME	BE	1988	
Hancharik, Ronald E.	Ch.E.	BE	1978	Harrell, James A.	EET	AAS	1988	
Handel, Jeffrey M.	ME	BE	1999			BSAS	1991	
Handel, Matthew J.	CE	BE	1997	Harrington, Gary L.	CE	BE	2000	
Hanek, James R. Jr.	Cmp.T.	BSAS	1988	Harrington, Randall D.	EET	AAS	1979	
Hanek, Lawrence S.	EE	BE	1960	Harris, Chris	EE	BE	2007	
Haney, Richard P.	IE	BE	2009	Harris, Dale M.	EE	MS	2001	
Hange, Dennis	EET	AAS	1984	Harris, Dale M.	EE	BE	1993	
Hanhold, Edward E.	Cmp.T.	AAS	1970	Harris, Dwight Lee	ME	BE	1956	
		BSAS	1976	Harris, Edward	EET	BSAS	1988	
Hank, Walter A.	MET	AAS	1982	Harris, Gary L.	MET	AAS	1979	
Hank, Walter B.	CET	AAS	2008	Harris, James A.	EE	BE	1988	
Hankey, Alan C.	Cmp.T.	AAS	1986	Harris, Joseph R.	ME	BE	1967	
		BSAS	1989	Harris, Mark D.	Mt.E.	BE	1986	
Hanlon, William J. Jr.	Cmp.T.	AAS	1976	Harris, Miazal	Cmp.T.	AAS	1979	
Hann, Donald L.	EE	BE	1975	Harris, Nancy S.	Cmp.T.	AAS	1982	
Hanna, Maurina	Cmp.T.	AAS	1980	Harris, Richard	EET	AAS	1993	
Hanna, Victor L.	EE	BE	1970	Harris, Robert K. Jr.	EET	AAS	1976	
		MS	1973	Harris, Russell A.	EE	BE	1964	
Hanna, William	EE	BE	1967	Harris, Walter M. Sr.	MET	AAS	1983	
Hannay, Rolland A.	EET	AAS	1979			BSAS	1986	
Hannis, Richard M.	Mt.E.	BE	1952	Harris, William C.	CE	BE	1997	
Hannis, Shannon N.	Ch.E.	BE	2009	Harrison, Keith E.	Ch.E.	BE	1964	
Hannon, Robert F. Jr.	MET	AAS	1975	Harroff, Dan H.	EET	AAS	1979	
Hanny, George F. III	Mt.E.	BE	1972	Harrold, James W.	ME	BE	1967	
Hanousek, Steven P.	ME	BE	1991	Harrold, Mark	MET	BSAS	1995	
Hansburg, Norvin N.	EE	BE	1953	Harry, Ronald C.	EE	BE	1967	
Hansen, Karl C.	EE	MS	1991	Harsanye, Gary L.	CET	AAS	1977	
Hanshaw, Steven A.	EET	AAS	1970	Hart, Craig W.	CE	BE	2006	
		BSAS	1976	Hart, David J.	EET	AAS	1976	
Hanton, Chris D.	ME	BE	1996			BSAS	1978	
Hanuschak, Delbert M.	ME	BE	1989	Hart, Donald	EET	AAS	1990	
Hanushak, Jason A.	EE	BE	2004	Hart, James E.	Ch.E.	BE	1959	
Hanysh, Jason C.	MET	BSAS	2004	Hart, Leslie E.	Cmp.T.	AAS	1976	
Harder, Robert William	ME	BE	1970	Hartill, Patrick J.	CET	AAS	2002	
Harding, Jane E.	Ch.E.	BE	1979			BSAS	2004	
Harding, Justin E.	CIS	BE	2008	Hartley, Edward Lee	ME	BE	1984	
Hardman, Jeffrey K.	EUT	ATS	2010	Hartley, Kimberly W.	Ch.E.	BE	1981	
Hardman, Robert E.	MET	AAS	1973	Hartley, Paul A.	Ch.E.	BE	1981	
Hardwick, Adam	CCET	AAS	2009	Hartman, Gary L.	MET	BSAS	1984	
Hardy, Paul E.	CE	BE	1969	Hartman, Jeffrey A.	Cmp.T.	AAS	1974	
Hardy, Richard G.	EE	BE	1965	Hartman, Joseph J.	EE	BE	1997	
Hardy, Russell P.	ME	BE	1985	Hartman, Kenneth W.	EET	AAS	1988	
Hardy, Timothy J.	IE	BE	1972			BSAS	1989	
Hardy, William G.	MET	AAS	1975	Hartman, Thomas J.	CE	BE	1974	
Haren, Raymond E.	EE	BE	1984	Hartman, Tony L.	CE	BE	1983	
Hargrave, Joshua E.	ME	BE	1990	Hartman, William A.	ME	BE	1964	
Hargrave, Joshua E.	EUT	ATS	2008	Hartshorn, Nicholas K.	EUT	ATS	2009	
Harirchi, Farzaneh	Cmp.T.	AAS	1981	Hartsock, Don K.	Ch.E.	BE	1980	
		BSAS	1983	Hartsock, Robert M.	MET	AAS	2003	
Harirchi, Hassan	CE	BE	1982	Hartz, Rocky J.	EET	AAS	2006	
Harker, Daniel Milton	ME	BE	1975			EET	BSAS	2008
Harker, William H.	EET	AAS	1976	Hartzell, Eric L.	EE	BE	1990	
		BSAS	1978	Hartzell, Richard W.	EET	AAS	1988	
Harkins, John E.	MET	AAS	1975	Harvan, Meredith P.	CE	BE	1990	
		BSAS	1983	Harvey, Eugene A.	EE	BE	1962	
Harkins, John Joseph	IE	BE	1951	Harvey, James E. Jr.	EET	AAS	1983	
Harkins, Todd R.	CE	BE	1997	Harvey, James E.	EET	BSAS	2003	
Harkleroad, Dale E.	EET	AAS	1981	Harvey, Kenneth A.	IE	BE	1987	
		BSAS	1982	Harvey, Patricia R.	EE	BE	1977	
Harkleroad, David A.	EET	AAS	1978	Harvey, Raymons E.	MET	AAS	1981	
		BSAS	1980	Harvey, Wade	CE	BE	1973	

Harville, Deyhna T.	CET	MS AAS	1980 2003		CE MET	MSE BSAS	2009 1996
Harvischak, Gary M.	MET	BSAS AAS	2004 1976	Hazlett, Patrick G.	EUT	ATS	2010
Hasapes, Michael N.	ME	BSAS BE	1987 1991	Hheberlin, Fred J.	EE	BE	1973
Hass, Ronald	Cmp.T.	BE	1989	Headd, Franklin L.	ME	BE	1954
Hassan, Abbas A. R.	EE	BSAS MS	1989 1988	Headly, Donald Lee	ME	BE	1965
Hassan, Mohammad	EE	BE	2006	Heakin, Samuel R.	EET	AAS	1980
Hassel, Charles	EET	AAS	1990	Healey, Terry A.		BSAS	1984
Hassen, Jason R.	I&SE	BSAS BE	1992 2005			AAS	1984
Hatch, Bethany A.	ME	BE	2002	Heames, Jon Timothy	ME	BE	1963
Hatch, Randell P.	EE	BE	2003	Heasley, Christopher S.	CET	AAS	1992
Hatchner, Carl B.	IE	BE	1968	Heasley, Christopher S.	CET	BSAS	1996
Hatem, Greg J.	EET	AAS	1982	Heaton, Charles W.	EE	BE	1951
		BSAS	1983	Heban, John E. Jr.	EET	AAS	1978
Hatfield, Michael E.	Cmp.T.	AAS	1983	Heck, Edward L.	Mt.E.	BE	1966
		BSAS	1986	Heck, Jeffrey D.	EE	BE	1986
Hathaway, Michael S.	ME	BE	1986	Heck, Julie L.	CE	BE	1993
Hatherill, David M.	CE	BE	1987	Heck, Kevin A.	Cmp.T.	AAS	1980
Hatzirigas, Evangelos	EE	BE	1993			BSAS	1983
		MS	1994	Heck, Wayne R.	MET	AAS	1998
Hauck, Michael L.	EET	AAS	1985	Heckathorn, Marshall R.	EET	AAS	1983
		BSAS	1986			BSAS	1984
Haug, William C.	CE	BE	2008	Heckathorn, Wallace E.	Mt.E.	BE	1967
Haug, William R.	MET	AAS	1981	Heddleston, Kurt A.	EE	MS	1990
Haught, Richard P.	Cmp.T.	AAS	1976	Hedegore, Norman W.	EE	BE	1971
		BSAS	1985	Hedlund, Roger T.	EE	BE	1983
Haus, Jason R.	CE	BE	2000	Heestand, Daryl L.	ME	BE	1979
Hauser, Monte A.	EET	AAS	1984	Heestand, Kenneth W.	ME	BE	1981
		BSAS	1987	Heestand, Mickey Clay	ME	BE	1975
Havas, George	EE	BE	1966	Heffner, David Charles	ME	BE	1989
		MS	1972	Heffner, Ned T.	I&SE	BE	2006
Haverdick, Frank Jr.	IE	BE	1983	Hegedus, Alan K.	Mt.E.	BE	1959
Havrilla, Marcus J.	CE	BE	1979	Hegedusich, Genevieve D.	Cmp.T.	AAS	1981
Havrilla, Robert F.	IE	BE	1962	Heichel, Lawrence J.	Mt.E.	BE	1966
Hawes, Dennis C.	EET	AAS	1996	Heid, William J.	MET	AAS	2010
		BSAS	1996	Heintzelman, William H.	IE	BE	1951
Hawk, Ronald O.	EE	BE	1968	Helbley, William C. Jr.	IE	BE	1975
Hawk, Terry S.	CE	BE	1973	Held, Mark S.	EE	BE	1985
Hawkins, Aubrey C.	EE	M.S	1994	Held, Phillip D.	EE	MS	2002
Hawkins, Matthew J.	ME	BE	2000	Hellalat, Omar H.	EE	BE	1997
Hawkins, Scott A.	EET	BSAS	1986	Hellam, Aaron C.	CE	BE	1996
Hawkins, Steven P.	Ch.E.	BE	1985	Helle, Donald E.	ME	BE	1998
Hawley, Thomas E.	IE	BE	1972	Helle, Dustin J.	EE	BE	2009
Haworth, Donna J.	Ch.E.	BE	2004	Helmer, Miranda	Ch.E	BE	1997
Haws, Richard B.	CE	BE	1980	Helmick, Lisa	Cmp.T.	AAS	1990
		MS	1983	Helminick, Berri L.	Cmp.T.	AAS	1981
Hayashi, Masayuki	EE	MS	1978	Helscel, Larry F.	CE	BE	1971
Hayden, Vernon R. Jr.	Ch.E.	BE	1981	Helscel, William J.	EET	AAS	2004
Haydu, William A.	ME	BE	1972			BSAS	2004
Hayes, Braden H.	EE	BE	1962	Hemberger, Donna R.	IE	BE	1983
Hayes, Douglas P.	Ch.E.	BE	1990			AAS	1997
Hayes, Gary A.	EE	BE	1985	Hendel, Dale A.	MET	BSAS	1998
Hayes, Gregory J.	MET	BSAS	1988			AAS	1974
Hayes, James D.	EE	BE	1990	Henderson, David M.		AAS	1974
Haylett, Barry	Cmp.T.	BSAS	1990	Henderson, James M.	ME	BE	1978
Haylett, Debbie J.	Cmp.T.	AAS	1982	Henderson, Larry D.	Ch.E.	BE	1961
Haylett, Michelle R.	Cmp.T.	AAS	1980	Henderson, Martin J.	CET	AAS	1974
		BSAS	1982	Hendrickson, John A.	CE	BE	1965
Haylett, Norman		AAS	1977	Hendrix, Eisha M.	EE	BE	1994
Hayman, Harvey H. Jr.	ME	BE	1971	Hendrix, Wendy	MET	AAS	1997
Haynie, Michelle L.	IE	BE	1991			BSAS	1998
Hays, Wesley C.	CE	BE	1967	Hendryx, David Roth	ME	BE	1980
Hays, William A.	EET	AAS	1985	Heneks, Jack R.	CE	BE	1962
Hazapis, Louis D.	CE	BE	1984	Henik, Michael	EET	AAS	1994
Hazard, Kenneth W.	CE	BE	1973	Henin, Freddy W.	EE	BE	2010
Hazelkorn, Joshua A.	EUT	ATS	2005	Henkel, Bruce D.	CE	BE	1975
Hazen, Thomas F.	EE	BE	1971	Hennen, Douglas J.	EE	BE	1990
Hazifotis, Kostas	CE	BE	1961	Hennessy, John J.	IE	BE	1955
Hazimihalis, Dimitrios J.	CE	BE	1998	Hennessy, William B.	Cmp.T.	AAS	1983
						BSAS	1987

Henry, Addison B. Jr.	Mt.E.	BE	1959			BSAS	1986
Henry, Aaron J.	MET	AAS	2004	Hilali, Samy	ME	MS	1994
		BSAS	2006	Hilbig, Robert W.	CE	BE	1983
Henry, Christopher John	EUT	ATS	2008	Hilderbrand, Kurt R.	MET	AAS	1985
Henry, James R.	CET	AAS	1996			BSAS	1987
		BSAS	1998	Hilk, Gerald Edwin	ME	BE	1963
Henry, John L.	ME	BE	1967	Hill, James L.	EET	BSAS	1978
Henry, Michael A.	Cmp.T.	AAS	1983	Hill, James R.	Mt.E.	BE	1975
Henry, Paul L.	Mt.E.	BE	1969	Hill, John A.	Cmp.T.	AAS	1988
Hensel, Denise D.	Cmp.T.	AAS	1981			BSAS	1990
		BSAS	1982	Hill, John A.	CET	AAS	2003
Henzel, David S.	Ch.E.	BE	1969			BSAS	2004
Hepfner, Robert J.	IE	BE	2009	Hill, John R.	CET	AAS	1984
Hepfner, Samuel A. Jr.	EET	BSAS	1987	Hill, Joseph S.	EE	BE	1973
Hepp, James Ronald	EE	BE	1953	Hill, Robert Thomas	ME	BE	1965
Hepp, Ronald A.	EE	BE	1980	Hill, Samuel S.	MET	AAS	2001
Hepp, Ronald J.	EE	BE	1953			BSAS	2004
Herb, Chester W. Jr.	EET	AAS	1982	Hill, Terry A.	EET	AAS	1983
Herberger, Robert J.	Ch.E.	BE	1982	Hill, William R.	Mt.E.	BE	1969
Herbert, David Nolan	ME	BE	1961	Hilliard, Gary D.	CE	BE	2003
Herdman, Katherine A.	Ch.E.	BE	1997	Hilliard, Mark Darl	ME	BE	1977
Heresh, Burhan K.	CE	BE	1986	Hillier, Lee T.	PPT	ATS	2007
Herlinger, George R.	ME	BE	1971	Hillman, Gregg E.	ME	BE	1991
Herman, Alex Charles	ME	BE	1969	Hillman, Henry C. Jr.	CE	BE	1968
Herman, David C.	Cmp.T.	AAS	1976	Hillman, James P.	EE	BE	1969
Herman, Michael R.	Cmp.T.	AAS	1986	Hiltabiddle, John P.	ME	BE	1951
Herman, Theodore J.	EE	BE	1952	Hilton, James	EET	AAS	1989
Hermann, Gerald L.	Cmp.T.	AAS	1973	Hilty, Lowell	CE	BE	2007
Hermely, W.W.	CE	BE	1950	Himes, Dennis L.	Ch.E.	BE	1990
Hernan, Dennis P.	CET	AAS	1983	Himes, John W.	EE	BE	2002
Herndon, Larry Dallas	ME	BE	1972	Himes, Lee T.	EET	AAS	1996
Hernon, Thomas R.	ME	BE	1953	Hindes, Richard J.	EUT	ATS	2009
Herr, Loretta	CE	BE	1996	Hindle, Jason E.	DDT	AAS	1996
Herriott, Scott W.	ME	BE	2006	Hineman, Thomas	CE	BE	2008
Herrmann, Jonathan G.	CE	BE	1975	Hiner, William A. J.		BE	1995
Herron, Clayton Scott	EUT	ATS	2008	Hinerman, Robert W.	EE	BE	1963
Herubin, Timothy	EET	AAA	1991	Hines, Brian A.	DDT	AAS	1993
		BSAS	1993	Hines, Chad B.	C&EE	MS	2002
Herzberger, Terry V.	EE	BE	1974	Hines, Kim N.	EET	AAS	1976
		MS	1980	Hingrajia, Virji M.	ME	MS	1971
Hess, Brian N.	EE	BE	1990	Hink, Annette E.		BE	1987
Hess, Michael D.	CE	BE	2006	Hinkle, Robert J. Jr.	ME	BE	1956
Hess, Raymond E.	Cmp.T.	AAS	1982	Hintz, Michael H.	EE	BE	1986
		BSAS	1984	Hirely, Jessica A.	CET	BSAS	1999
Hess, Toby	EE	BE	1990	Hirsch, Eric J.	EET	AAS	1987
Heston, Adrienne M.		BE	1988			BSAS	1993
Heston, Jeffrey William	ME	BE	1985	Hirst, Gary L.	ME	BE	2004
Heston, Richard Alan	ME	BE	1966	Hitchcock, Donald J.	IE	BE	1964
Hetherington, Dean L.	EE	BE	1971	Hitchcock, Fred M.	EE	BE	1958
Hetrakul, Praphrudhi		BE	1977	Hitchcock, Terry E.	EE	BE	1974
Hetrick, Kevin J.	CET	AAS	1988	Hixenbaugh, Robert L.	Mt.E.	BE	1961
Hetson, Gregory G.	MET	AAS	1983	Hiznay, Cody C.	CET	AAS	2008
		BSAS	1985	Hiznay, William J.	ME	BE	2005
Hewett, Charles.	C&EE	MS	2004	Hjelm, Joseph M.	Mat.Sci.	MS	1992
Hewko, Basil J.	EET	AAS	1971	Hlasta, James	EET	AAS	1990
Hewitt, Raoul III	Cmp.T.	AAS	1984			BSAS	1993
		BSAS	1989	Hlebovy, James C.	MET	AAS	1984
Hickman, Casey A.	DDT	AAS	1999			BSAS	1986
Hickman, Dewayne C.	CET	AAS	2000	Hlebovy, Terrall R.	EET	AAS	1985
Hickox, Thomas Mark	ME	BE	1981	Hlivak, Mary E.	Mat.E	BE	1996
Hicks, Larry A.	Ch.E.	BE	1972	Hnida, Edward J.	CE	BE	1985
Hienamen, Robert W.	Cmp.T.	AAS	1975	Hoak, C. Keith		BE	1969
Hiet, Michael	MET	AAS	1994	Hobbs, Joseph M.	EE	MS	1996
	MET	BSA	1999	Hochevar, Robert A.	CE	MS	1987
Higgins, Jeffrey A.	EUT	ATS	2006	Hodge, Barry Thomas	ME	MS	1983
Higgins, Roger G.	CE	BE	1962	Hodge, Ronald A.	CCET	AAS	2007
Higgins, Ronald D.	EE	BE	1995	Hodge, Stefanie M.		BE	1989
Higgins, Tanya M.	Mat.E.	BE	1994	Hodgson, Beth A.	Cmp.T.	AAS	1983
High, John M.	MET	AAS	1975	Hodgson, James Craig	ME	BE	1973
		BSAS	1977	Hodory, Adam M.		BE	1995
High, John M.	CE	BE	2006	Hoellein, Christine M.		BE	1984
Higham, Paula J.	MET	AAS	1985	Hoelzel, Neil F.	Cmp.T.	AAS	1983

Hoelzle, Kevin F.	EE	BE	1983	Homistek, Todd D.	ME	BE	2008
Hoelzle, William E.	EE	BE	1966	Homorody, Michael J.	IE	BE	1958
Hoerig, Karl D.	CE	BE	1990	Homyak, Carolyn J.	CE	BE	1997
Hoff, Floyd T.	MET	BSAS	1981	Honen, Brian R.	ME	BE	2005
Hoffarth, Jerry G.	EET	AAS	1973	Honghirunruang, Prakrit	ME	MS	1983
Hoffman, Bruno	Cmp.T.	AAS	1982	Honneffer, Robert W.	ME	BE	1974
Hoffman, Diana L.	Cmp.T.	AAS	1972	Honthy, Tim M.	ME	BE	1996
Hoffman, Ernest E.		BE	1969	Hood, Evan R.	Cmp.T.	AAS	1982
Hoffman, James	MET	AAS	1995			BSAS	1984
Hoffman, James E.	MET	BSAS	1997	Hood, Michael G.	Mat.E.	BE	1994
Hoffman, Kurt B.	MET	AAS	1981	Hook, James Lee	ME	BE	1988
		BSAS	1985	Hooking, Amy E.	I&SE	BE	2000
Hoffman, Lawrence J.	Mt.E.	BE	1974	Hooks, Steven M.	EUT	ATS	2006
Hoffman, Michael S.	EE	BE	1989	Hoopes, Craig S.	EUT	ATS	2007
		MS	1992	Hoover, Justin T.	EUT	ATS	2007
Hofmeister, Steve G.	Ch.E.	BE	1978	Hoover, Russell W.	Cmp.T.	AAS	1986
Hogan, Dennis Patrick	ME	BE	1969			BSAS	1987
Hogan, James J.	Mt.E.	BE	1955	Hoover, Stacey B.	CE	BE	1997
Hogan, Patrick	Cmp.T.	AAS	1974	Hoover, Tina M.	Ch.E.	BE	1994
		BSAS	1977	Hoperich, Todd	ME	BE	2008
Hogan, Paul A.	EET	AAS	1997	Hopkins, Keith L.	Cmp.T.	BSAS	1988
		BSAS	2000	Hoppel, Juke H.	EUT	ATS	2010
Hogan, Todd R.	MET	AAS	2000	Horan, Richard F.	ME	BE	1968
Hogg, Matthew A.	CE	BE	1998	Horlbeck, Charles I.	IE	BE	1951
Hogue, Harold L.	DDT	AAS	1998	Horlick, Wallace B.		BE	1955
Hohloch, Fred J.	CE	BE	1959	Horne, Bryan J.	CET	BSA	1996
Hohmann, Cody J.	DDT	AAS	2010	Horner, Judith	Cmp.T.	AAS	1992
Hohos, Dennis A.	ME	BE	2005	Horney, David D.	CE	BE	1978
Hokky, Steve G.	ME	BE	1959	Hornickel, Jody M.	MET	AAS	1982
Holbrook, James D.	EET	AAS	2000	Horning, Amy E.	IE	BE	2000
		BSAS	2005	Horning, Frederick A.	ME	BE	1981
Holcomb, Ted W.	Cmp.T.	AAS	1987	Horning, Joshua R.	ME	BE	2000
Holdash, Delbert M.	Ch.E.	BE	1969	Horst, Paul W.	EET	AAS	1982
Holder, Robert E. Jr.	ME	BE	1983	Horvat, Frank P.	EET	AAS	1976
Holeccko, Robert G.	EET	AAS	1975	Horvat, George J.	EE	BE	1995
Holko, Kurt A.	ICP	BSAS	1996	Horvat, Joseph M.	Cmp.T.	BSAS	1983
Holland, James R.	C&EE	MS	1998	Horvat, Thomas M.	Cmp.T.	AAS	1977
Hollenbank, Marcus A.	CE	BE	2009			BSAS	1979
Hollenbeck, Dennis W.	EE	BE	1982	Horvath, Brian D.	Ch.E	BE	1998
Hollis, Jeron E	CCET	AAS	2010	Horvath, Mark G.	I&SE	BE	1999
Hollis, John Paul		BE	1952	Horvath, Robert A.	EE	BE	1975
Holloway, Charles R.	CE	BE	1980	Hossaininejad, Seyed Ali	ME	BE	1983
		MS	1987	Hosseininejad, Bijan D.	EE	BE	2006
Holloway, Jason E.	ME	BE	2004		EE	MSE	2009
Holloway, John C.	I&SE	MSE	1999	Hostetler, William A.	Cmp.T.	AAS	1983
Holloway, Thomas F.	CE	BE	1983			BSAS	1986
		MS	1986	Hosuwanpipat, Suthat	CE	MS	1974
Hollowell, Thomas E.	ME	BE	1961	Hough, Michael E.	ME	MS	1995
Holman, John William	ME	BE	1987	Houk, Shari A.	EET	AAS	1980
Holman, Thomas L.	MET	AAS	1978	Houlette, Carrie M.	C&EE	MS	1998
		BSAS	1982	Householder, Edward R.	EE	BE	1962
Holmes, Janice J.	CET	AAS	1982	Houser, James S. Jr.	IE	BE	1964
Holmes, Patrick J.	Mat.E.	BE	1992	Houser, Tamara S.	Cmp.T.	BSAS	1983
Holmes, Robert R.	EE	BE	1978	Houser, Thomas J.	Ch.E.	BE	1974
		MS	1979	Houshiar, Mehdi F.	Mat.Sci.	BE	1986
Holmes, William L.	MET	BSAS	1977			MS	1992
Holod, Jason D.	CET	BSAS	2005	Houston, Robert W.	EE	BE	1970
Holod, Peggy A.	Cmp.T.	AAS	1984	Hovanec, Marc	EET	BSAS	1988
Holowach, Benjamin	EE	BE	2006	Hovanes, Robert M.	Ch.E.	BE	1985
Holowach, Jacob S.	EE	BE	2001	Howard, James R.	Ch.E.	BE	1973
Holt, Douglas R.	MET	BSAS	1987	Howard, Kevin	MET	AAS	1989
Holt, Timothy E.	EUT	ATS	2007	Howard, Matthew W.	EE	BE	1989
Holzcsuh, Frank Paul	ME	BE	1971	Howard, Robert R.	CE	BE	1967
Holzworth, Jonathan H.	EET	AAS	1978	Howell, James R.		BE	1980
Homa, Thomas	Ch.E.	BE	1965	Howell, Sharon M.	ME	BE	1981
Homan, Gary G.	ME	BE	1962	Howells, Jack H.	CE	BE	1958
Homayounfar, Seyed M.	ME	BE	1975	Howells, Margaret E.	Cmp.T.	AAS	1970
Home, Bryan J.	CET	BSAS	1996	Howland, Shawn L.	EUT	ATS	2009
Homer, Bradley S.	CCET	BSA	2009	Howley, Allyson	Cmp.T.	AAS	1991
Homer, Gary Lynn	ME	BE	1974	Howley, John R.	EE	BE	1987
Homer, Thomas T.	EE	BE	1965	Hoylman, Mark	EET	AAS	1986
Homing, Joshua	ME	BE	2000			BSAS	1987

Hrepic, Aeiela	Ch.E.	BE	1985			BSAS	1993
Hrina, David J.	CE	BE	1993			BE	2007
	CE	MSE	1995	Hughes, Rachel A.	EE	BE	1950
Hrinko, William M.	MET	AAS	1982	Hughes, Raleigh C. Jr.	EE	BE	1986
Hritz, Christopher R.	I&SE	BE	2006	Hughes, Terence A.		BE	1985
Hritz, John G.	EET	AAS	1976	Hughes, William B.	CE	BE	1990
		BSAS	1979	Hulburt, Robert A.	EET	AAS	1976
Hritz, Edward J.	ME	BE	1961			BSAS	1980
Hritz, Leonard P.	EE	BE	1960	Hulings, Douglas	CET	AAS	1981
Hritz, Michael A.	EE	BE	1990	Hull, Eric G.	MET	BSAS	1988
Hritz, Thomas George	ME	BE	1992	Hull, Owen Walter	EE	BE	1950
Hromyak, Daniel E.	Ch.E.	BE	1981	Hull, Pamala A.	EE	BE	1980
Hromyak, Dustin A.	ME	BE	2006	Hull, Randy E.	EE	BE	1978
Hromyak, Michelle A.	Ch.E.	BE	1980	Hull, Philip S. Sr.	DDT	AAS	1994
Hromyko, Jerry	IE	BE	1964	Hullevat, Cynthia	Cmp.T.	AAS	1987
Hrosch, Paul J.	EE	BE	1986	Hulton, James E.	CE	BE	1973
Hruska, Allen	Cmp.T.	AAS	1992	Huly, Ray	ME	BE	1965
Hruska, Andrew M. Jr.	EET	AAS	1978	Humberson, Roger A.	PPT	ATS	2005
		BSAS	1979	Humble, Walter	CE	BE	1965
Hruska, Bonnie K.	Mt.E.	BE	1984	Humenny, Justin M.	CE	BE	2010
Hruska, Steve J.	EET	AAS	2003	Humphrey, David L.	EE	BE	1972
		BSAS	2003	Humphrey, James R.	ME	BE	1970
Hrusovsky, Andrew C.		BE	1984	Humphreys, Linda A.	Ch.E.	BE	1982
Hrusovsky, Chris D.	Ch.E.	BE	1986	Humphreys, Matthew C.	EUT	ATS	2010
Hrusovsky, Robert J.	MET	AAS	1984	Humphreys, Millard Jr.	IE	BE	1973
Hrycyk, Richard N.	EET	AAS	1984	Humphreys, William Lee	ME	BE	1983
		BSAS	1987	Hunaidi, Hamid O.	Mt.E.T.	AAS	1974
Hsia, Sui-Hua	EE	BE	1994	Hunches, Gene P.	EE	BE	1966
		MS	1995	Hung, Jiinwei	EE	MS	1986
Hsu, BOWEI R.	EE	MS	1988	Hunkele, Mark W.	EE	BE	1974
Hsu, Jea-Ming James	ME	MS	1989	Hunter, Clifford L.	IE	BE	1968
Hsu, Sheng H.	ME	MS	1982	Hunter, Dennis F.	CE	BE	1980
Huang, Zheng	Mat.Sci.	MS	1993	Hunter, James W.	EE	BE	1973
Huang, Zheng	ME	MS	1999	Hunter, Jeffrey	MET	AAS	1979
Hubbard, Evan E.	CET	BSA	2008	Hunter, Richard M.	EE	MS	1990
Hubbard, Evan E.	CET	AAS	2007	Hura, Douglas J.	Ch.E.	BE	1985
Hubbard, Ronald I.	Cmp.T.	AAS	1983	Hurd, Terrence A.	MET	AAS	1996
Hubbard, Theodore R.	ME	BE	1984			BSAS	1997
Hubbs, Michael E.	MET	BSAS	1985	Hurst, Gerald D.	CE	BE	2004
Huber, Daniel Jon	ME	BE	1982	Hurst, John E.	IE	BE	1981
Huber, Michael A.	Cmp.T.	AAS	1982	Hurt, Donald V. Jr.	Ch.E.	BE	1979
		BSAS	1986	Hurtuk, Michael J.	Ch.E.	BE	1986
Huber, Richard A.	Mt.E.	BE	1968	Huscroft, Daniel T. Jr.	EE	BE	1994
Hubick, Thomas E.	MET	AAS	1982	Huscroft, Robert J.	ME	BE	2002
		BSAS	1984	Hussain, Ajaz S.	EE	BE	1984
Hubinsky, Joseph S.	ME	BE	1972	Hussein, Naiel A.	CE	BE	1987
Hubinsky, Michael W.	EET	AAS	1973	Hussein, Riad H.	CE	BE	1981
Hubish, Deborah E.	CET	BSAS	1996	Huston, J. William	ME	BE	1968
Hubler, Howard W.	IE	BE	1970	Huston, Matthew David	EE	BE	2008
Hucul, Paul	EET	AAS	1989	Hutchison, John E.	EE	BE	1962
		BSAS	1992	Hutchison, Mark E.	ME	BE	1986
Hudak, David S.	Ch.E.	BE	1967	Hutchison, William H.	CE	BE	1981
Hudak, Gregory A.	ME	BE	2000	Hutnyan, David N.	Cmp.T.	BSAS	1982
Hudak, John Jr.	ME	BE	1994	Huzyak, Gregory P.	CE	BE	2004
Hudak, Marty J.	MET	BSAS	1997	Huzyak, Michael P.	Ch.E.	BE	1998
				Huzjak, Robert J.	CET	AAS	1980
Hudak, Raymond E.	EET	AAS	1982			BSAS	1982
		BSAS	1986	Hvisdak, Andrew E. Jr.	CE	BE	1983
Hudak, Thomas E.	EE	BE	1993	Hvisdak, David J.	EE	BE	1981
Hudoba, Ronald	EE	BE	1969	Hvizdak, Joseph P.	Ch.E.	BE	1956
Hudock, Richard J.	CE	BE	1975	Hvozda, George A.	Mt.E.	BE	1974
Hudran, William B. III	EE	BE	1995	Hwang, San-Tai	EE	MS	1987
Hudson, Loyd A.	EET	AAS	1988	Hyland, Eileen T.	IE	BE	1984
Huff, Gerald H. Jr.	EE	BE	1982	Hyler, Adam Thomas	EE	BE	2008
Huffman, John T. Jr.	Cmp.T.	AAS	1979	Hynes, Gregory M.	ME	BE	2003
		BSAS	1982	Hynes, Gregory P.	CE	BE	1987
Hughes, Charles	MET	AAS	1991	Hynes, Gregory P.	C&EE	MS	1997
Hughes, James G.	EE	BE	1970		ME	BE	2003
Hughes, James Gregory	EET	AAS	1984	Hynes, John James	ME	BE	1980
Hughes, Jeffrey A.	Ch.E.	BE	1980	Hynes, Mark P.	EET	AAS	1984
Hughes, John E.	Ch.E.	BE	1982			BSAS	1988
Hughes, Michael	EET	AAS	1989	Hynes, Robert Emmett	ME	BE	1984



Hynes, Ronald E.	MET	BSAS	1987			BSAS	1987
Hyyti, David A.	CE	BE	1984	Jackson, William K.	EET	AAS	2008
Iacobacci, Mike	EET	AAS	1984	Jacobs, Brian	EET	AAS	2006
		BSAS	1988		EET	BSA	2007
Iafret, John E.	ME	BE	1963	Jacobs, Wes B.	EE	BE	1996
Ianazone, Tony	Cmp.T.	BSAS	1989	Jacobson, Daniel	MET	AAS	1993
Iannarelli, Benjamin A.	CET	AAS	1981			BSAS	1994
Iannizzaro, Frank R.	ME	BE	1993	Jacobson, David J.	IE	BE	1988
Iannucci, Louis	EE	BE	1955	Jacobson, Russell D.	Cmp.T.	AAS	1983
Iannucci, Robert A.	EE	BE	1977	Jadallah, Naim M.	CET	BSAS	1982
Ickert, Edmund B.	IE	BE	1971	Jadue, Mauro	MET	BSAS	1995
Ickert, Edmund	Cmp.T.	BSAS	1993	Jadue, Mauro R.	I&SE	MS	1999
Ickert, Reinhold D.	IE	BE	1971	Jafarnia, Mostafa	ME	MS	1979
Ignazio, Anthony J. Jr.	MET	AAS	1985	Jagatich, Ferdinand S.	EE	BE	1990
		BSAS	1985	Jagatich, Paula	CE	BE	1978
Igou, Maurice R.	MET	AAS	1975			MS	1983
		BSAS	1984	Jain, Mandharsingh H.	ME	MS	1971
Iheme, Mordi I.	Ch.E.	BE	1982	Jakubek, Joseph T.	Ch.E.	BE	1984
Ihnat, Andrew Jr.	IE	BE	1966	Jala, Hemanth R.	EE	MS	2006
Ikbariyen, Imad A.	CE	BE	1982	James, David E.	EE	BE	1996
Ilas, John T.	EE	BE	1957	James, John D.	Ch.E.	BE	1982
Ilas, William J.	EE	BE	1969	James, John P.	IE	BE	1970
Ilayan, Yousef A.	EE	BE	2010	James, Laurie A.	EE	AAS	1983
Ilko, Anna L.	Cmp.T.	AAS	1980			BSAS	1994
		BSAS	1982	James, Pamela S.		BE	1985
Illencik, Stephen J.	CE	BE	1974	James, Richard S.	Ch.E.	BE	1979
Illencik, Thomas M.	EE	BE	1984	James, Roger D.	CET	AAS	1998
Illes, Mike W.	Cmp.T.	AAS	1985	James, William E. Jr.	EET	AAS	1988
		BSAS	1988	James, William J.	IE	BE	2009
Ilyyan, Mohammad A.	EE	BE	1990	Jaminet, Phillip J.	EE	BE	2002
Imashat, Khubaib A.	EE	BE	2005	Jamison, Mark S.	Ch.E.	BE	1989
Imblum, Howard Joseph	ME	BE	1955	Jamison, Matt E.	Ch.E.	BE	1991
Imler, Donald Clair	ME	BE	1987	Jamison, Robert	MET	AAS	1991
Inamdar, Asmok J.		BE	1971			BSAS	1992
Inglis, Robert H. Jr.	EE	BE	1967	Jamison, William A.	ME	BE	1951
Ingraham, Robert B.	ME	BE	1948	Jan Janin, Daniel S.	IE	BE	1986
Ingram, Kara J.	EET	AAS	2003	Jan, Hwan-Fa	ME	MS	1987
		BSAS	2004	Jancso, John A.	EET	BSAS	1987
Ingram, Wesley A.	ME	BE	1997	Jancso, Ronald D.	EET	AAS	1976
Innocenzi, Mark E.	EE	BE	1981			BSAS	1979
Ipe, William Lee	Ch.E.	BE	1960	Jandrovic, Ronald W.	IE	BE	1984
Iqbal, Nadeen	CE	BE	1994	Janecko, Philip J.	IE	BE	1973
Irons, Harold B.	Ch.E.	BE	1962	Janesh, David E.	EE	BE	1980
Irvine, Leslie J.	ME	BE	1952	Janesh, Diane M.	EE	BE	1985
Isabella, Louis S.	Ch.E.	BE	1980	Janicki, David A.	MET	BSAS	1997
Iseli, Ronald R.	ME	BE	1959	Janik, William D.	ME	BE	1991
Iskandar, Tony H.	EE	MS	1988	Janis, Jonathon P.	EET	BSAS	1980
Iskandar, Tony H.	CE	BE	1996	Janke, Harry Sr.	Ch.E.	BE	1966
		MS	1997	Jannes, James D.	IE	BE	1972
Ismail, Nabil	CE	MS	1986	Jannetti, Renaldo	CE	BE	1984
Ismail, Yousef A.	CE	BE	1983	Janosik, Daniel Adam	EUT	ATS	2008
Italiano, Michael F. Jr.	ME	BE	1972	Janosky, Terry A.	EET	BSAS	1985
		MS	1977	Janoso, Dina L.	IE	BE	1986
Ito, Yoshiro	Mt.E	BE	1953	Janoso, John R. Jr.	Cmp.T.	AAS	1987
Iudiciani, Goug J.	IE	BE	1984			BSAS	1990
Ivan, Andrew J.	EE	BE	1968	Janovick, Larry J.	ME	BE	1994
Ivan, Ellis C.	EE	BE	1966	Jantson, Jason E.	I&SE	MS	2006
Ivanisin, Karl P.	EET	BSAS	1981	Jantson, John A.		BE	1964
Ivany, Michael S.	Ch.E.	BE	1984	Jantson, Sarah L.	EE	BE	2002
Izadi, Mansour Hamed	ME	BE	1975	Janusz, Norbert	IE	BE	1952
Jaber, Belal A.		BE	1993	Jardine, John W.	EE	BE	1969
Jablonski, Edward		AAS	1975	Jaros, Thomas	MET	BSAS	1980
Jablonski, Jeffrey J.	EET	AAS	1985	Jaros, Andrew J.	IE	BE	1973
Jablonski, John	MET	AAS	1995	Jarvis, Walter Frank	EUT	ATS	2008
Jack, Salieu A.	Cmp.T.	BSAS	1985	Jarvis, William Sean	ME	BE	1983
Jackman, Joseph R.	Mt.E.	BE	1962	Jasinski, Gregory R.	ME	BE	2001
Jackson, Gregory L.	CET	BSAS	1996	Jasinski, Paul J.	ME	BE	1999
Jackson, James R.	EE	BE	2007	Jasinski, Lisa M.	Ch.E.	BE	1990
Jackson, Keith M.	EET	BSAS	2005	Jaskela, Scott D.	CE	BE	1977
Jackson, Michael	Cmp.T.	AAS	1986	Jaskiewicz, Chris S.	EET	BSAS	2000
Jackson, Ronald	EET	AAS	1982	Jaszyn, James F.	Cmp.T.	AAS	1982
Jackson, Thomas M.	EET	AAS	1984			BSAS	1983

Javorsky, Martin J.	Cmp.T.	AAS	1974	Johnson, Roy A.	ME	BE	1969
Jawad, Jalal E.	EE	BE	1998	Johnson, Thomas G.	EE	MS	1977
Jayne, Frank J.	EE	BE	1949	Johnson, Walter D.	Ch.E.	BE	1959
Jearaditharporn, Thamrong	ME	MS	1978	Johnson, Ward	Cmp.T.	BSAS	1989
Jeffers, George K.	Mt.E.	BE	1964	Johnson, William T.	ME	BE	1993
Jeffries, James Alan	ME	BE	1984	Johnston, Benjamin J.	CET	BSA	2009
Jelokhani, Ali R.	CE	BE	1969	Johnston, Charles E.	ME	BE	1979
Jen, Pi-Chang	CE	MS	1984	Johnston, Daniel B.	ME	BE	1968
Jenkins, Larry D. Jr.	CE	BE	1993	Johnston, James C.	ME	BE	1971
Jenkins, Lloyd G. Jr.	MET	AAS	1973	Johnston, James Paul	ME	BE	1982
Jenkins, Michael D.	CET	AAS	2005	Johnston, John P. II	EE	BE	1981
Jenkins, Trenten P	CE	BE	2009	Johnston, Mark R.	CET	AAS	2009
Jenggamkul, Thiem	CE	MS	1980	Johnston, Michael C.	ME	BE	1997
Jennings, Walter R.	Ch.E.	BE	1984	Johnston, Randall J.	CE	BE	1983
Jenyk, Joseph R.	EE	BE	1973	Johnston, Robert L.	EE	BE	1953
Jenyk, Joseph R.	CE	BE	1997	Johnstone, David W.	CE	BE	2003
Jerome, Genevieve M.	ME	BE	2010		C&EE	MS	2005
Jeswald, Mark A.	Mt.E.	BE	1983	Johnntony, John M.	EE	BE	1982
Jeswald, Nicholas J.	EET	BSAS	1988			MS	1992
Jewell, Ryan C.	ME	BE	2007	Joho, William A.	ME	BE	1962
Jewhurst, Charles J.	EE	BE	1967	Joki, Craig R.	MET	AAS	1998
Jewhurst, James E.	EE	BE	1967	Jonda, Gregg D.	EE	BE	1979
Jhaveri, Yogesh P.	EE	BE	1973	Jones, Brian	EET	BSAS	1990
Jickess, Dean J.	ME	BE	1990	Jones, Brian T.	EE	BE	2005
Jitjaruk, Montri	CE	MS	1985	Jones, Candace G.	Ch.E.	BE	1983
Joachim, James J.	EE	BE	1981	Jones, Christopher A.	ME	BE	1995
Joachin, Thomas L.	EE	BE	1975	Jones, Clinton F.	IE	BE	1961
Jobe, Joyce	Cmp.T.	BSAS	1989	Jones, Daniel T.	CE	BE	1999
Jobling, Jack R.	ME	BE	1953	Jones, David J.	EE	BE	1980
Joh, Robert	Ch.E.	BE	1974	Jones, David Paul	ME	BE	1983
John, Roy H.	EET	AAS	1981			MS	1993
		BSAS	1988	Jones, Debora K.	Cmp.T.	AAS	1974
Johngrass, Bill	CE	BE	1996	Jones, Denton M.	ME	BE	1971
	C&EE	MS	1998			MS	1977
Johns, Thomas G.	ME	BE	1967	Jones, Gary D.	Cmp.T.	AAS	1981
Johnson, Albert G.	CE	BE	1951	Jones, Garry S.	EET	AAS	1997
Johnson, Andrew R.	CET	AAS	1980	Jones, Gerald H.	CE	BE	1975
		BSAS	1982			MS	1982
Johnson, Bradley	Cmp.T.	AAS	1990	Jones, Gregory R.	ME	BE	1990
		BSAS	1992	Jones, Gregory W.	ME	BE	1991
Johnson, Christopher S.	ME	BE	1997	Jones, Hadley H.	ME	BE	1961
	I&SE	MS	2002	Jones, Howard Paul	ME	BE	1973
Johnson, David A.	CE	BE	2008	Jones, Hugh R.	IE	BE	1959
Johnson, David G.	Mt.E.T.	AAS	1973	Jones, Jack C.	ME	BE	1990
Johnson, George F.	MET	AAS	1981	Jones, Jack Elliot	ME	BE	1978
		BSAS	1983	Jones, James A.	EET	AAS	1975
Johnson, Glenn L.	EE	BE	1989	Jones, James A.	CET	AAS	1982
Johnson, Gordon C.	IE	BE	1961			BSAS	1984
Johnson, Jack G.	EUT	ATS	2005	Jones, James W.	C&EE	MS	2006
Johnson, James C.		BE	1971	Jones, Jason Michael	ME	BE	2008
Johnson, Jason D.	Ch.E	BE	1997	Jones, Jennifer L.	I&SE	BE	1999
Johnson, John F.	Mt.E	BE	1950	Jones, Jerome L.	Cmp.T.	AAS	1982
Johnson, John J.		BE	1970	Jones, Jim	EET	BSAS	1984
Johnson, Jonnie B.	EE	BE	1976	Jones, John P.	EET	AAS	2000
Johnson, Joseph G.	ME	BE	1990	Jones, Judith L.		AAS	1984
Johnson, Karl M.	EE	BE	1962	Jones, Karla L.	EET	AAS	1984
Johnson, Kevin J.	CET	AAS	2009			BSAS	1987
Johnson, Laurie J.	EE	BE	1977	Jones, Kenneth E.	Cmp.T.	AAS	1976
Johnson, Mark K.	ME	BE	1989			BSAS	1981
Johnson, Michael H.	CET	AAS	1977	Jones, Matthew D.	Ch.E.	BE	1981
Johnson, Michael W.	EE	BE	1986	Jones, Michael A.	DDT	AAS	1990
Johnson, Michael W.	EET	AAS	1998	Jones, Paul M.	MET	AAS	1999
		BSAS	1999			BSAS	2000
Johnson, Norman T.	EE	BE	1968	Jones, Paula R.	Cmp.T.	AAS	1988
Johnson, Paula	EET	BSAS	1988	Jones, Raymond L.	EE	BE	1949
Johnson, Rebekah J.	Ch.E	BE	2003	Jones, Richard Lee	ME	BE	1956
Johnson, Robert A.	EE	BE	1963	Jones, Robert J.	ME	BE	1999
Johnson, Robert D.	EE	BE	1971	Jones, Ronald	MET	BSAS	1977
Johnson, Robert L.	EE	BE	1969	Jones, Russell Edward	ME	BE	1961
Johnson, Robert W.	Cmp.T.	AAS	1986	Jones, Timothy J.	I&SE	BE	2009
Johnson, Rodney E.	EE	BE	1950	Jones, Thomas Frank	ME	BE	1958
Johnson, Roy B.	EE	BE	1974	Jones, Vickie J.	IE	BE	1994

Jones, Walter R.	ME	BE	2001	Kalasky, Ambrose M.	MET	AAS	1980
Jones, William G.	ME	BE	1952	Kalbasky, Gary E.	Ch.E	BE	1999
Jordan, David	Cmp.T.	AAS	1992	Kaleel, Janice	Cmp.T.	AAS	1977
		BSAS	1993			BSAS	1978
Jordan, Jeffrey A.	CET	BSA	2009	Kalenits, Donald A.	EE	BE	1986
Jordan, Stephen	CE	BE	1962	Kalenits, Frank A. Jr.	IE	BE	1991
Jordans, Alvis E.	EE	BE	1969	Kaletka, Albert C.	ME	BE	1955
Joseph, Charles L.	ME	BE	1970	Kalinich, John A.	EE	BE	1985
Joseph, David C.	Cmp.T.	AAS	1985	Kalla, John P.	Mt.E	BE	1952
		BSAS	1986	Kallam, Arjun R.	C&EE	MS	2007
Joseph, Edward S.	IE	BE	1975	Kalman, Thomas J.	Ch.E.	BE	1971
Joseph, Jacque E.	Cmp.T.	AAS	1978	Kalmer, Joseph H.	ME	BE	1993
Joseph, John W.	EE	BE	1971	Kaloci, Ralph A.	MET	AAS	1971
Joseph, Peter C.	CET	AAS	1975	Kalosky, Paul A.	CET	AAS	1980
		BSAS	1977	Kaluza, John C.	EET	BSAS	1987
Joseph, Thomas A.	CE	BE	1968	Kamber, Samer	CE	MS	1996
Joseph, William M.	Cmp.T.	AAS	1976	Kambrouris, Zambia		BE	1995
Journey, Brian R.	IE	BE	1994	Kamdar, Mukundray D.	CE	BE	1974
Joy, Keir M.	CET	AAS	2004	Kamensky, Michael	MET	BSAS	1990
		BSAS	2006	Kaminski, John J.	EE	BE	1974
Joyce, Raymond V.	ME	BE	1962	Kaminski, Joseph V. Jr.	IE	BE	1969
Joyner, Thomas F.	EE	BE	1971	Kaminski, Robert S.	Ch.E.	BE	1961
Juby, Joseph E.	ISE	BE	2008	Kamperman, Charles F.	IE	BE	1967
Judeh, Abdel-Ghani I.	EE	BE	1975	Kampfner, Aaron A.	CE	BE	2009
Judge, Sonya	MET	BSAS	1995	Kampfner, Kerry L.	ME	BE	1987
Judy, Robert Todd	EUT	ATS	2008	Kampfner, Terry A.	CE	BE	1971
Julian, John Peter	ME	BE	1957	Kamruzzaman, Ahm	EE	BE	2000
Julian, Mark A.	EE	BE	1980	Kanaan, Fred J.	Mt.E.	BE	1969
Jundi, Jamal M.	CE	BE	1984	Kandasmy, Skanda	EET	BSAS	1991
Junk, T.C.	Mt.E	BE	1958	Kandray, April L.	Ch.E	BE	2000
Justice, Christine L.	I&SE	BE	2000	Kandrey, Daniel Edward	ME	BE	1986
Justice, Danny R.	Ch.E.	BE	1977	Kane, Barbara J.	EET	AAS	1982
Justice, Larry E.	EE	BE	1972	Kane, Daniel	EE	BE	1995
Juvrud, Ingvald O.	IE	BE	1984	Kane, James Michael	ME	BE	1989
Juvrud, Lawrence O.	EE	BE	1968	Kane, Paul H.	EE	BE	1967
Jwayyed, Alzubair M.	Ch.E.	BE	1994	Kane, Phillip W.	EE	BE	1968
Jwayyed, Musa M.	CE	BE	1991	Kangalos, Angelo J.	Ch.E.	BE	1972
Kabalan, Raymond T.	EE	BE	1975	Kangas, Rainer Henry	ME	BE	1983
Kabbara, Ghassan H.	CE	BE	1967	Kanotz, David J.	MET	AAS	1986
Kacar, Stanley J.	Cmp.T.	AAS	1982	Kanoun, Omar H.	CE	BE	1981
		BSAS	1983			MS	1982
Kachel, Carl Joseph Jr.	ME	BE	1951	Kappler, Brandon D.	MET	AAS	2007
Kacher, Daniel F.	ME	BE	1969		MET	BSA	2010
Kacher, Henry F.	ME	BE	1964	Kapus, Peter J.	ME	BE	1950
Kachmar, Edward J.	EET	AAS	1978	Karabin, Thomas A.	Cmp.T.	AAS	1983
		BSAS	1980	Karam, Chady A.		BE	1995
Kachmar, John Lawrence	ME	BE	1966	Karanouh, M. Rached	CE	BE	1983
Kachmar, Michael B.	Cmp.T.	AAS	1976	Karanouh, Rached N.		BE	1983
		BSAS	1978	Karapetsas, Constantino	EE	BE	2003
Kachmar, Stephen J.	MET	AAS	1983	Karchar, Richard W.	EET	AAS	1984
		BSAS	1989			BSAS	1986
Kachurek, Terrence R.	Cmp.T.	AAS	1985	Kardambikis, Themistoklis H.	EET	AAS	1985
		BSAS	1987		EE	BE	1988
Kacir, Stephen M.	CET	BSAS	1996	Kardas, Mary B.	CE	BE	1991
Kacik, Michelle M.	Cmp.T.	AAS	1984	Kardas, Michael J.	EE	BE	1982
Kaczur, Andrew A.	EUT	ATS	2009	Karenko, Theodore J.	Cmp.T.	AAS	1973
Kadakia, Navin P.	ME	MS	1973	Karfarsa, Saeid	CE	BE	1980
Kadakia, Yogesh O.	ME	MS	1973	Kargiotis, Anthony H.	ME	BE	1954
Kadhim, Abdulla M.	Mt.E.T.	AAS	1973	Karidis, Nicholas J.	MET	AAS	1983
Kadilak, Paul M.	Mat.E.	BE	1991			BSAS	1984
Kagy, Kenneth O.	CE	BE	1979			BSA	1981
Kahler, Charles	ME	BE	1966	Kariher, Billie J.			
Kahler, Matthew J.	EET	BSAS	2002	Karimi, Nicholas I.	EE	MS	1994
Kaiser, Antoni	CET	BSAS	1982	Karlsson, Karl E.	ME	BE	1965
Kaiser, George J.	Cmp.T.	BSAS	1979	Karp, John S.	IE	BE	1971
Kaiser, Kenneth S.	Cmp.T.	BSAS	1979	Karr, Tracy L.	Cmp.T.	AAS	1981
Kakascik, Kevin K.	EET	AAS	1998	Karsaras, Emmanual S.	CE	BE	2007
Kalafut, George E.	EET	AAS	1985	Karsnak, Edward M.	Mat.Sci.	BE	1983
		BSAS	1987			MS	1989
Kalajainen, William D.	CE	BE	1980	Kasaaraneni, Varun K.	CEEGR	MSE	2008
Kalan, Joseph G.	Cmp.T.	AAS	1978	Kaschak, John J.	Cmp.T.	AAS	1983
	Ch.E.	BE	1981			BSAS	1986

Kaschak, Kenneth G.	MET	AAS	1987	Keller, Eileen A.	Ch.E.	BE	1984
Kashou, Michel S.	CE	BE	1967	Keller, Harry C. III	MET	BSAS	1988
Kasiewicz, John D.	EET	AAS	1973	Keller, Joseph N.	Ch.E.	BE	1989
Kasmer, William J. Jr.	ME	BE	1972	Keller, Leroy A.	Ch.E.	BE	1962
Kasprowski, Paul M.	ME	BE	1983	Keller, Ronald W.	IE	BE	1966
Kassem, Ahmad H.	ME	BE	1986	Kellerman, Karen M.	CE	BE	1988
Kassos, Thomas G.	EE	BE	1972	Kelley, Charles T.	EET	AAS	1977
Kassouf, Kamal Eid	ME	BE	1984			BSAS	1978
Kastanek, Joseph	Mt.E	BE	1961	Kelley, Harold P. Jr.	Cmp.T.	AAS	1982
Kastenhuber, Richard L.	ME	BE	1961	Kelley, Robert L.	EE	BE	1966
Kaszubowski, Ted	Ch.E.	BE	1952	Kelley, Thomas M.	CE	BE	1981
Katakowski, Eugene D.	Cmp.T.	AAS	1984	Kello, Louis J.	IE	BE	1957
Katko, William J.	IE	BE	1984	Kello, Michael L.	EE	BE	1978
Katradis, Nick G.	EET	AAS	1987	Kelly, David R.	CET	BSAS	1998
		BSAS	1989	Kelly, James Wayne	Ch.E.	BE	1952
Katsaros, Emmanuel S.	Ch.E	BE	2007	Kelly, Raymond B.	EE	BE	1980
Katz, Diann L.		BE	1983			MS	1992
Katz, Scott E.	ME	BE	2006	Kelly, Steven Chris	ME	MS	1991
Kauffman, Eric G.	MET	AAS	1998	Kelm, Jonathon C.	EE	BE	2002
Kauffman, Kenneth L.	IE	BE	1974	Kemble, David A.	EE	BE	1999
Kauffman, Steven	EET	AAS	1991	Kemp, Adam	ME	BE	1995
Kaufman, Bradford A.	EE	BE	1980		ME	MSE	2002
Kaufman, Michael C.	EE	BE	1960	Kempe, Richard L.	EE	BE	1970
Kaufmann, Philipp J.	Ch.E.	BE	1992	Kenzor, James T.	EET	AAS	1983
Kaufmann, Philipp J.	Ch.E	BE	1988	Kenneally, Ronda A.		BE	1990
Kauppila, Jeffrey C.	CE	BE	1983	Kennedy, Cornelius B.	IE	BE	1966
Kaur, Sukhpreet	EE	BE	2005	Kennedy, Edward T.	Mat.Sci.	BE	1990
Kausits, Lisa A.	Cmp.T.	AAS	1982			MS	1992
Kausits, Steven F.	Cmp.T.	AAS	1986	Kennedy, Glenn H.	EE	BE	1960
Kaveh, Hossein	CE	MS	1982	Kennedy, James A.	IE	BE	1972
Kavulick, David	MET	BSAS	1992	Kennedy, Linda E.	Ch.E.	BE	1987
Kawecki, Laryy	EET	AAS	1993	Kennedy, Mary E.	Cmp.T.	AAS	1979
Kay, Donald P. Jr.	CE	BE	1956	Kennedy, Pamela M.	MET	AAS	2006
Kay, Nathaniel E.	EE	BE	2001	Kennedy, Teresa M.	CET	AAS	1981
Kay, Richard E.	IE	BE	1962			BSAS	1984
Kayyali, Tareq Suhail	ME	BE	1986	Kennedy, Todd E.	MET	AAS	1985
Kaza, Ramakrishna	CE	MS	1996			BSAS	1992
Kazemi, Ali Reza	CE	BE	1975	Kennedy, William C. Jr.	Ch.E.	BE	1984
		MS	1976	Kennedy, Willie C. Jr.	Cmp.T.	BSAS	1984
Kazemi-Naini, Mohammad R.	Ch.E.	BE	1981	Kenner, Marilyn	CE	BE	1982
Kazemzadeh, Hormoz	EE	BE	1989	Kenney, James P.	EE	BE	1968
Kearns, Douglas A.	CE	BE	1976	Kensicki, Michael L.	Ch.E	BE	2003
Kearns, Kimberly A.		BE	1979	Kent, James S.	PPT	ATS	2007
Kearns, Michael P.	CE	BE	1985	Kerensky, Kristen L.	Mat.E.	BE	1994
Keaton, Cameron	CET	BSAS	1992	Kerstly, Joseph		BE	1959
Keck, Arlin D.	CE	BE	1973	Kermagi, Mohamed R.	Ch.E.	BE	1986
		MS	1977	Kern, John J.	EE	BE	1979
Keck, Cynthia L.		BE	1981	Kerns, Allen	Cmp.T.	BSAS	1990
Kedanis, David	MET	BSAS	1988	Kerns, John M.	CET	AAS	2002
Keeder, Cory A.	EUT	ATS	2009			BSAS	2004
Keeling, Brian W.	EET	AAS	1978	Kerpelis, Athanasios E.	DDT	AAS	1994
Keenan, Timothy F.		BE	1972	Kerr, Quentin C.	Cmp.T.	AAS	1980
Keener, Janice D.	PPT	ATS	2007			BSAS	1983
Kefelas, Pete	EET	AAS	1996	Kerr, Robert Lee	ME	BE	1983
		BSAS	1997	Kerr, William L. Jr.	EE	BE	1994
Keffer, Michael R.	ME	BE	2005	Kerschner, Fredric R.	IE	BE	1963
Keffer, Rodney S.	EET	AAS	1984	Kershner, Richard A.	EE	BE	1971
Keffler, David J.		BE	1983	Keryan, Michael J.	Ch.E.	BE	1969
Kegley, Thomas Agar	ME	BE	1991	Kershani, Amir	EE	BE	1980
Keiler, June E.	Cmp.T.	AAS	1984	Keshari, Massoud R.	ME	BE	1972
Keilholz, David Jude	ME	MS	1990			MS	1974
Keiper, Karen	Cmp.T.	AAS	1979	Keshock, David M.	EE	BE	2001
Keish, Rod L.	EE	BE	1975	Keslar, Janet E.	Cmp.T.	BSAS	1985
Keist, Barrington W.	Mat.Sci.	MS	1978	Keslar, William Ira	ME	BE	1961
Keith, Janet C.	Cmp.T.	AAS	1975	Kestner, Kyle T.	ME	BE	2002
Keith, Katherine L.	EE	BE	1982	Ketchum, Annette E.	Ch.E.	BE	1987
Kelch, Edward Joseph		BE	1952	Ketchum, Stephen R.	EE	BE	2003
Kellam-Seals, Robert E.	DDT	BE	2007	Ketchum, Terry L.	Ch.E.	BE	1987
Kelleher, Hollie A.	Ch.E	BE	1998	Key, Thomas J.	EUT	ATS	2009
Keller, Christopher Eugene	ME	BE	2008	Keyhani, Ali	EE	BE	1967
Keller, David J.	CE	BE	1983	Keys, Joseph M.	EE	BE	1999
Keller, Dirk A.	ME	BE	1988	Keyser, George J.	DDT	AAS	1983

Khajehnajafi, Shahryar	Ch.E.	BE	1980	Kirk, David A.	CET	BSAS	1983
Khajehnajafi, Zhila T.	Ch.E.	BE	1980	Kirkner, David J.	CE	BE	1971
Khaki, Parviz	CE	BE	1984			MS	1974
Khaksarirenani, Gholamhossien	CE	BE	1980	Kirkner, Thomas J.	EET	AAS	1981
Khalid, Mohammad A.	CE	BE	2004	Kirkpatrick, Robert C.	CET	BSAS	1999
Khalid, Salman M.	EE	BE	2000	Kirkwood, Brian R.	MET	BSAS	2000
Khalifeh, Fady A.	CE	BE	1986	Kirlangitis, Constantine N.	CE	BE	2001
Khaligh, Samad A.	MET	BSAS	1984	Kirtos, Robert	Cmp.T.	AAS	1991
Khalil, Atef M.	CE	MS	1995	Kirubakaran, Wesley	CE	MS	1994
Khalil, Sameer A.	CE	BE	1991	Kirwin, Rick	MET	AAS	1984
Khalili, Mohssen	CE	BE	1978	Kirwin, William H.	EET	AAS	1974
Khan, Usman	ME	BE	2005	Kiser, Gary	Ch.E.	BE	1966
Khaouli, Robert F.	CE	BE	1994	Kish, Charles J.	EET	AAS	1988
Khaouli, Robert F.	CE	MS	1997			BSAS	1989
Khariwala, Narendra R.	CE	MS	1971	Kish, James Randall	ME	BE	1989
Khayr, Nabil F.	CE	BE	1980	Kish, Joel S.	EE	BE	1991
Khodari, Ahmed S.	ME	BE	2008	Kish, John D.	Ch.E.	BE	1994
Khoramshahi, M. S.	CE	BE	1968	Kish, Mark A.	Mat.E	BE	1996
Khoury, Anthony	I&SE	BE	2001	Kish, Michael R.	ME	BE	1996
Khoury, Antoine E.	EE	BE	1987	Kish, Robert W.	CE	BE	1980
Khoury, Charles Gerges	ME	BE	1986	Kish, Shawn A.	Ch.E.	BE	1983
Khoury, Shahwan V.	EE	BE	1960	Kish, Susan M.	Ch.E.	BE	1988
Khoury, Wadih W.	MET	BSAS	1998	Kissos, Geordie A.	CET	BSAS	1986
Khumprakob, Panuwat	CE	BE	1978	Kistler, Willard L. Jr.	EET	BSAS	1981
Khumprakob, Werakorn	ME	MS	1978	Kitchokoff, Richard N.	EET	BSAS	1996
Kibby, Mark D.	EET	AAS	1982	Kitt, David M.	EE	BE	2008
		BSAS	1986	Kizak, Donald P.	CE	BE	1989
Kico, Martin A.		BE	1971	Klaas, Daniel Trevor	ME	BE	1987
Kicos, Peter J.	IE	BE	1974	Klacik, Robert J.	Cmp.T.	BSAS	1985
Kicovic, Snowflake P.	EE	BE	2006	Klavins, Aldis	EE	BE	1966
Kidder, Laura	Cmp.T.	AAS	1985	Klco, Martin A.	IE	BE	1971
Kiefer, William R.	CE	BE	1985	Klco, Steven M.		AAS	1983
Kieffer, Richard W. Jr.	ME	BE	1961	Klecic, Frank J.	EE	BE	1963
Kielar, Stanley J.	MET	BSAS	1986	Kleese, Edward A. Jr.	CE	BE	1951
Kielbasa, Martin J.	CE	BE	1987	Klein, Edward	CE	BE	1986
Kiepper, Edward A.	EET	AAS	2001	Klein, Leonard J.	EE	BE	1966
Kiggans, John L.	Ch.E.	BE	1964	Kleja, Francis	EET	BSAS	1992
Kightlinger, John T.	ME	BE	1983	Klem, Brenda	EET	BSAS	1994
Killedar, Jyotindra S.	ME	MS	2005	Klem, Fred James	Ch.E.	BE	1951
Kim, Chi-Jeon	CE	BE	1967	Klem, Samuel A. Jr.	EE	BE	1983
Kim, Soo Myung	EE	BE	1975	Klembus, Andrew K.	EET	BSAS	1987
Kim, Steve Jinsun	ME	MS	1987	Klempay, Paul R.	CE	BE	1957
Kimes, Mark E.	CE	BE	1991	Klenitch, Linda R.	Cmp.T.	AAS	1983
Kimmel, Deborah L.	CET	AAS	1986			BSAS	1985
Kimmel, Jonathon L.	EE	BE	1981	Klepec, John	EET	AAS	1992
Kimmel, Robert S.	CET	AAS	1999	Klesch, David C.	Ch.E.	BE	1980
Kindland, John L.	MET	BSAS	1982	Klesch, Heather A.	Ch.E.	BE	2004
Kindler, Loren J.	EET	BSAS	1980	Klim, Paul	CE	BE	1962
Kindt, Ronald M.	MET	AAS	1988	Klimas, Jarry L.	Cmp.T.	BSAS	1981
King, Ashley R.	Ch.E.	BE	2004	Klinchock, William J.	ME	BE	1969
King, Brian A.	EE	BE	1998	Kline, David B.	ME	BE	1950
King, Christine S.	I&SE	BE	1997	Kling, Sean M.	ME	BE	1991
King, Daniel E.	ME	BE	1952	Klingensmith, John A.	EE	BE	1948
King, David Eugene	ME	BE	1980	Klingensmith, Mary R.	Cmp.T.	AAS	1984
King, Derrick	MET	BSA	1995	Klinger, Christopher M.	EET	AAS	2002
King, Gary Willard	ME	BE	1971	Klinger, Kenneth J.	EE	BE	1988
King, Gerald C.	EE	BE	1958	Klinge, Ronald E.	Ch.E.	BE	1970
King, Johnny	ME	BE	1969	Klinko, Kenneth A.	Ch.E.	BE	1970
King, Reginald F.	EE	BE	1961	Klipec, Edward K.	ME	BE	1954
King, Timothy O.	EET	AAS	1983	Kloes, Randall A.	CET	AAS	1976
		BSAS	1990		CE	BE	1980
Kingg, Jessie B.	CE	BE	1966				
Kinnick, James G.	CE	BE	1986	Klomfas, John R.	EET	AAS	1983
Kinnick, Paul G.	EE	BE	1972			BSAS	1984
Kinnison, Patrick J.	EET	AAS	1982	Klouda, Ralph A.	EE	BE	1991
Kinser, Christopher J.	MET	AAS	1998	Klouse, Gregory A.	ME	BE	2010
		BSAS	2000	Kluchar, Brian M.	ME	BE	1991
Kinser, Desiree D.	CET	BSA	2010	Kluchar, John E.	EE	MS	1975
Kiraly, Matthew J.	Ch.E.	BE	2006	Klucher, William J. Jr.	ME	BE	1958
Kiraly, Patrick S.	ME	BE	1984	Kluska, Deborah A.	Cmp.T.	AAS	1974
Kirin, Donald F.	Mt.E.	BE	1987	Kmetz, Kenneth J. II	EE	BE	1994
Kirin, Rick J.	MET	AAS	1984	Knopic, Gregory C.	CE	BE	1987

Knapic, John	EET	AAS	1978	Komonich, Jarimiah J.	CET	BSAS	2006
		BSAS	1979	Komorek, Neil A.	EE	BE	1998
Knapic, Raymond	IE	BE	1989	Komp, M. Edward	Ch.E.	B.E	1952
Knapp, Raymond L.	CE	BE	1995	Komsa, Edward L. Jr.	EE	BE	1980
Knauf, Kent S.	CE	BE	1992	Komsa, Jack F.	Cmp.T.	BSAS	1984
Knetz, Kenneth	EE	BE	1994	Komsa, Mark E.	EET	AAS	1977
Knezevich, Donald J.	EET	BSAS	1987			BSAS	1995
Knierim, Charles M.	CE	BE	1980	Koncki, Mark	EET	AAS	1988
Kniffin, Walter G. Jr.	ME	BE	1953	Kondolios, Terry	EE	BE	1994
Knight, Daniel J.	ME	BE	1985	Koneval, Michael S.		AAS	1988
Knight, Franklin D. Jr.	EE	BE	1979	Koneval, Russell J.	EET	BSA	1995
Knight, Howard E.	ME	BE	1951	Koneval, Thomas P.	Cmp.T.	AAS	1978
Knight, Sharon M.	Cmp.T.	AAS	1975			BSAS	1979
Knis, Stephen A.	Ch.E.	BE	1965	Koneval, William P.	CE	BE	1964
Kniska, Edward E.	EET	BSAS	1986	Koniowsky, Joseph M.	EET	AAS	1975
Knotts, Gregory L.	EE	BE	1979			BSAS	1977
Knowles, Donald A.	CE	BE	1973	Konopka, Frank W.	EET	AAS	2002
Knoyer, Gregory S.	CET	AAS	1994			BSAS	2004
Knoyer, Gregory S.	CET	BSAS	2005	Konopka, John W.	MET	AAS	2003
Knupp, Ann M.	Ch.E.	BE	1982			BSAS	2005
Knupp, Daniel D.	EET	AAS	2004	Konopka, Keith W.	EET	BSAS	1986
		BSAS	2006	Konrad, Karl	MET	AAS	1979
Knupp, Roger G.	ME	BE	1977	Konsol, Andrew Jr.	EE	BE	1979
Kober, Ann M.	Cmp.T.	AAS	1982	Konya, Frank W. Jr.	ME	BE	1962
Koby, Edgar W. Jr.	CET	AAS	1987	Kook, John F.	Ch.E.	BE	1962
		BSAS	1987	Kook, Linda E.	Cmp.T.	AAS	1984
Koby, Robert W.	CE	BE	2005	Koon, Richard J.	EUT	ATS	2009
Kocan, Paul William	ME	BE	1976	Koontz, John Kenneth	ME	BE	1957
Kocan, Richard A.	EET	AAS	1986	Koontz, Thomas J.	CET	AAS	1980
Kocan, Robert J.	EET	AAS	1979			BSAS	1990
Koch, Fenton C.	ME	BE	1956	Koos, Frederick B.	EE	BE	1989
Koch, Philip A.	CET	BSAS	1996			MS	1993
Koch, Philip A. Jr.	CET	AAS	1995	Kopachy, Bryan David	CE	BE	2008
Koch, Timothy P.	Cmp.T.	BSAS	1986	Kopachy, James G.		BE	1976
Kocher, Christopher D.	CET	AAS	2002	Kopan, James M.	Cmp.T.	AAS	1985
		BSAS	2004	Kopatic, Anthony	EET	AAS	1989
		AAS	1975		Cmp.T.	BSAS	1990
Kocher, Randy L.	Cmp.T.	AAS	1975	Kopelos, Justin S.	ME	BE	2009
Kocis, Anthony J.	EET	BSAS	1987	Kopnicky, Michele M.		BE	1984
Kocis, John F.	Mt.E.	BE	1950	Kopnicky, Thomas A.	CET	BSAS	1995
Kocis, John J.	ME	BE	1960	Koporc, Alan J.	Cmp.T.	BSAS	1986
Kocjan, Andrew J.	EET	BSAS	1975	Koporc, Michael A.	MET	AAS	1981
Kocjancic, John C.	EET	AAS	2007			BSAS	1983
Koczwar, John F.	ME	BE	1980	Kopras, Robin F.	Cmp.T.	AAS	1986
Koczwar, Stephen F.	Ch.E.	BE	1987			BSAS	1988
Koerth, Cynthia M.	Cmp.T.	AAS	1984	Koprivnak, George Jr.	EET	AAS	1971
Kogelnik, Chris A.	CET	BSAS	1995	Koran, Kenneth J.	EET	BSAS	1978
Kohler, David	EET	AAS	1990	Korbar, Anthony L.	Mt.E.	BE	1969
Kohler, Richard W.	Ch.E.	BE	1984	Korchnak, David P.		BE	1983
Kohlmorgan, Jeremy Edward	MET	BS	2008	Korchnak, Greg	EET	BSAS	1989
Kohn, Seth J.		BE	1980	Korchnak, Michael P.	Cmp.T.	AAS	1984
Kohut, Andrew	MET	AAS	1978	Korchnak, Stephen	Cmp.T.	BSAS	1990
Kohut, Denise M.	Cmp.T.	AAS	1985	Kordupel, Joe	CET	BSAS	1993
		BSAS	1987	Korecki, Nicholas T.	CE	BE	1977
Koi, James A.	IE	BE	1964	Koren, Joseph M.		AAS	1976
Koki, Eleni G.	CE	BE	1983	Korenic, Robert J.	CE	BE	1997
Kokkos, Constantine	Mt.E.	BE	1965		C&EE	MS	1999
Koknat, Stephen G.	Ch.E.	BE	1990	Korinsky, George A.	Mt.E.	BE	1960
Kolacz, John S.	EE	BE	1982	Kormos, Edward A.	EUT	ATS	2010
Kolenich, James J.	IE	BE	1984	Kornak, Robert D.	EET	AAS	1986
Kolenich, Peter	IE	BE	1958			BSAS	1990
Kolibab, Christopher	Cmp.T.	BSAS	1992	Korpela, Jack David	ME	BE	1958
Kollar, Francis J.	EET	BSAS	1979	Korporc, Michael A.		AAS	1981
		AAS	1979			BSA	1983
Kollar, Robert C.	EET	AAS	1979			BE	1977
		BSAS	1980	Korte, Todd M.	EE	BE	1977
Kollar, Todd T.	ME	BE	2001	Kosa, Samuel J.	CE	BE	1971
Kollat, Joshua B.	CE	BE	2003	Kosanovic, Karen S.	IE	BE	1992
Kolman, George M.	CE	BE	1977	Kosanovich, Michael J.	ME	MSE	1998
Kolosi, William J.	ME	BE	1970	Kosar, Bernard J. Sr.	IE	BE	1959
Kolwalkar, Sushayl R.	C&EE	MS	2003	Kosareo, Daniel N.	ME	MS	1980
Koma, Michael J.	Ch.E.	BE	1993	Kosco, David G.	Cmp.T.	AAS	1985
Komer, Ronald M.	ME	BE	1959	Kosco, Edward J.	MET	AAS	1980

Kosco, William P.	CET	BSAS	1981	Kozak, Michael P.	EE	BSAS	2005
Kosec, David A.	IE	BE	1986	Kozesky, Lisa	Cmp.T.	BE	2004
Kosec, Donald T.	EE	BE	1986	Kozicki, Brent J.	CE	AAS	1989
Kosec, Gregory L.	EE	BE	2010	Kozlowski, Joseph F.	CE	BE	1996
Kosec, Robert J.	EE	BE	1965	Kozlowski, Mark F.	ME	BE	1968
Koser, Robert L.	Cmp.T.	AAS	1981	Kozlowski, Mark R.	Cmp.T.	BE	1973
Koshan, John L.	IE	BE	1963	Kozosky, Thomas S.	DDT	BSAS	1980
Kosinski, John T.	MET	BSAS	1985	Kozusko, Alan R.	CE	AAS	1981
Kosko, Joshua E.	EUT	ATS	2010	Krafcik, Benjamin D.	Ch.E	BE	2000
Koss, George J.	CE	BE	1992	Krafcik, Steven M.	CE	BE	2009
Koss, George J.	CE	MS	1996	Krafft, Edward M.	IE	BE	1987
Koss, John J.	EE	BE	1981	Krajci, Victor	ME	BE	1959
Kossick, Joseph P.	CET	AAS	1973	Krajcirik, John M.	IE	BS	1942
		BSAS	1978	Krake, Michael	IE	BE	1967
Kossler, Richard P.	Cmp.T.	AAS	1987	Krakowski, Kipp A.	EET	AAS	1990
Kosta, Norman	MET	AAS	1983	Kramarova, Maria	ME	BE	1999
Kostellic, Thomas P.	CET	AAS	1981	Kramer, Drew H.	CE	MS	1996
		BSAS	1982	Kramer, Glen Martin	MET	AAS	1984
Kostello, Ronald T.	ME	BE	1962	Kramer, Glen N.	ME	BE	1984
Kosty, Kraig	EET	BSAS	1990	Kramer, John W.	EET	AAS	1975
Kosuwanpipat, Suthat	CE	MS	1975	Kramer, Michael J.	CET	AAS	2000
Kotak, Kris	ME	BE	1973		Mt.E.	BE	1970
Kotas, John S.	Cmp.T.	BSAS	1978	Kramer, Paul F.	ME	MS	1974
Kotel, Robert J.	ME	BE	2007	Kramer, Philip J. Jr.	ME	MS	1994
Kotick, Richard M.	EE	BE	1963	Kramer, Richard	ME	BE	1983
Kotlar, Joshua A.	CET	AAS	2009		MET	AAS	1986
	CET	BSA	2010	Kraml, Michael	CET	BSAS	1990
	EUT	ATS	2009			AAS	2000
Kotouch, Eric J		AAS	1982	Krantz, Robert J.	EE	BSAS	2001
Kotsatos, Erifili		BE	1999	Kraska, Kenneth S.	BE	BE	1969
Kotsol, Carolyn G.	Ch.E	MS	1993	Kratofil, Michael D.	Mt.E.	BE	1970
Kotwal, Prakash B.	CE	MS	1993	Kratofil, Michael D.	CE	BE	1987
Kotwal, Vinda P.	EE	MS	1993	Kratofil, Michael D.	C&EE	MS	2000
Koulianos, Anthony P.	Ch.E	BE	2004	Kratofil, Michael J.	MET	AAS	1976
Kourounis, Drossos	ME	BE	1995			BSAS	1978
Kourounis, Drossos	ME	MS	1997	Krause, James R.	EE	BE	1972
Kourtis, George S.	CE	BE	1985	Krauss, Harold W.	ME	BE	1968
Kourtis, Thespina E.	CE	BE	1983	Kravek, Mary E.		BE	1978
		MS	1984	Krawchyk, David J.	EET	AAS	1998
Koutsoumaris, Lucas	CET	AAS	1976			BSAS	2001
		BSAS	1981	Kraykovich, Colleen M.	Cmp.T.	AAS	1981
Kovach, Bruce	EET	AAS	1976			BSAS	1985
		BSAS	1977	Kraynak, Brian J.	C&EE	MS	1999
Kovach, Gregory B.	EET	AAS	1985	Kraynak, James F.	Ch.E.	BE	1965
		BSAS	1989	Kraynak, John P.	CE	BE	1983
Kovach, Gregory John	ME	BE	1983	Kraynak, Lance E.	CE	BE	2004
Kovach, John J.	EE	BE	1972	Kraynak, William J.	CE	BE	1981
Kovach, Joseph B.	CE	BE	1972	Krcelic, Robert N.	MET	AAS	1979
Kovach, Michael J.	EE	BE	1981			BSAS	1983
Kovach, Michael J.	MET	AAS	1999	Krebs, John P. Jr.	EE	BE	1990
Kovach, Paul J.	Mt.E.	BE	1960	Kreidler, James P.	CET	AAS	1977
Kovach, Robert J.	EE	BE	2000			BSAS	1982
Kovach, Roswitha G.		BSA	1984	Kreiler, Donald E.	Cmp.T.	AAS	1972
Kovacich, Lynne	Cmp.T.	AAS	1992			BSAS	1976
		BSAS	1993	Kremm, Jay Martin	ME	BE	1990
Kovachik, Gerald S.	EE	BE	1974	Krempasky, James E.	Cmp.T.	AAS	1988
Kovachik, Michael Joseph	EE	BE	2008			BSAS	1992
Kovacich, Richard A.	CE	BE	1979	Kren, Mark J.	ME	BE	2000
Kovaleski, John R.	EE	BE	1997	Kreptowski, Michael J.	EUT	ATS	2010
Kovaleski, Robert M.	EET	AAS	2005	Kresovsky, Joseph W.	ME	BE	1972
	EET	BSA	2005			MS	1977
Kowach, John J.	EE	BE	1972	Krett, John D.	Mt.E.	BE	1969
Kowach, Thomas J.	EET	AAS	1983	Krezeczowski, Jonathan A.	ME	BE	2006
		BSAS	1984	Krichbaum, Gary G.	IE	BE	1973
Kowacich, Paul J. II	EE	BE	1990	Krieg, Jason M.	CE	BE	2005
Kowal, Scott A.	EE	BE	1988	Krieger, Kevin J.	PPT	ATS	2005
				Kringeta, Nicholas	EET	BSAS	1989
Kowalczyk, Frank	MET	AAS	1984	Krishna-Murthy, Bellur S.	ME	MS	1972
		BSAS	1985	Krispinsky, David G.	EE	BE	1975
Kowalczyk, Frank J.	EE	BE	1955			MS	1976
Kowalczyk, Michael S.	EE	BE	1980	Krispinsky, John A.	IE	BE	1968
Koyaleski, Robert M.	EET	AAS	2005	Krispinsky, Stephen	EET	AAS	1987

Kristan, Benjamin S.	Cmp.T.	BSAS	1988	Kulifay, John T.	CET	AAS	1995
Kristen, Wm. A.	ME	AAS	1984		CET	BSAS	1996
Kritzell, David E.	ME	BE	1966	Kulikoff, David Philip	ME	B.S.	1943
Krlich, Gerald L.	DDT	AAS	1987	Kulnis, Kathleen M.	Cmp.T.	BSAS	1985
Kroeger, William C.	EET	BSAS	1987	Kumar, Satish	Mt.E.	BE	1971
Krok, Robert L.	ME	BE	1950	Kummari, Rani S.	EE	MSE	2009
Krompegel, John A.	CE	BE	1968	Kumrow, Carl H. Jr.	MET	AAS	1974
Krompegel, Sean P.	CE	BE	1971			BSAS	1978
Kronstad, Knut A.	ME	BE	2003	Kunder, Patricia A.	CE	BE	1998
Kronstad, Knut A.	ME	BE	1957	Kundracik, Richard	EET	AAS	1985
Kropinak, Charles	Cmp.T.	AAS	1973			BSAS	1990
Kroynovich, Christopher	CE	BE	2002	Kundus, Mark E.	ME	BE	1984
Krueger, Karl H.	EE	BE	1974	Kunicki, Raymond G.	ME	BE	1965
Kruger, Harry A.	ME	BE	1960	Kunka, Walter Alan	ME	BE	1976
Kruisselbrink, John B.	ME	BE	1965	Kunkle, Terry A.	CET	AAS	1995
Krukowski, Kipp A.	ME	BE	1999	Kunovic, David J.	IE	BE	1972
Krull, Nick J.	EE	BE	1981	Kuntakom, Boonchai	CE	MS	1977
Krupa, James F.	Ch.E.	BE	1976	Kupec, Duane A.	ME	BE	2005
Krupa, Justyna M	Ch.E	BE	2009	Kupec, Jeffrey R.	CET	AAS	2005
Krupa, Phillip A.	CE	BE	1977	Kupelian, Heather	Cmp.T.	AAS	1973
		MS	1978	Kupelian, Mark G.	Ch.E.	BE	1984
Krupa, Theodore J.	CE	BE	1995	Kupka, Bonaventure S.	EE	BE	1954
Kruppa, Peter M.	ME	BE	1965	Kupka, Robert Louis	ME	BE	1961
Kruppa, Robert V.	ME	BE	1990	Kuras, James N.	EET	BSAS	1986
Krusel, George M.	EE	BE	1980	Kurdupski, Gregory F.	MET	AAS	1973
Krut, Alan M.	MET	AAS	1976	Kurdupski, Ted F.	ME	BE	1951
		BSAS	1980	Kurish, Michael J.	Cmp.T.	BSAS	1988
Krut, Nicholas P.	EE	BE	1973	Kurtanish, David G.	CE	BE	1978
Krygowski, Francis R.	ME	BE	1970	Kurtanish, Joseph A.	CE	BE	1971
		MS	1972			MS	1984
Krygowski, John Michael	ME	BE	1983	Kurty, Frederick A. Jr.	ME	BE	1982
Krygowski, Raymond A.	EE	BE	1973	Kurtz, Collette D.	Cmp.T.	AAS	1976
Krygowski, Walter A.	CE	BE	1977			BSAS	1978
Kryk, Jeffrey Lynn	ME	BE	1981	Kurz, Thomas Randall	ME	BE	1988
Krystek, Greg John	ME	BE	1973	Kusiowski, James W.	DDT	AAS	2009
Krznar, Robert S.	EET	AAS	2006	Kuszmaul, Scott S.	EET	AAS	1983
	EET	BSA	2009	Kuzel, Deborah L.	Cmp.T.	AAS	1976
Kuan, Tao	Mat.Sci.	MS	1993	Kuzma, David George	ME	BE	1985
Kubala, Jeffery A.	CE	BE	1996	Kuzman, John J. Jr.	EET	AAS	1976
Kubala, Jeffrey E.	MET	AAS	1997	Kuzniar, David J.	EE	BE	1983
		BSAS	1999	Kwon, Hyock K.	EE	MS	1987
Kubina, Laurie Michele	ME	BE	1989	Kynett, Rebecca J.		BE	1981
Kubina, Michael J.	ME	BE	2004	Kynett, Virgil L.	ME	BE	1951
Kuboff, Stephen E.	EE	BE	1971	Kyser, Thomas G.	Ch.E.	BE	1986
Kubrin, Carole A.	CE	BE	1979	Labbiento, Domenic	EET	BSAS	1991
Kubrin, Edward J.		BE	1977	Laborde, Don S.	EE	BE	1960
Kubrin, Michael Joseph	ME	BE	1974	Labozan, Joseph J.	ME	BE	1952
Kubus, Karen L.		BE	1982	Labruno, Richard F.	Mat.Sci.	MS	1983
Kucala, Edward J.	EE	BE	1960	La Bruzzo, Joseph P.	EUT	ATS	2007
Kucalaba, Michael	EE	BE	1970	Lacivita, Kenneth J.	ME	BE	1986
Kuch, Robert A.	MET	AAS	1983	Lackwasky, Peter	EE	BE	1952
		BSAS	1985	Lacko, James	EET	BSAS	1986
Kucik, Dennis P.	MET	AAS	1984	Lacko, Jeremy T.	PPT	ATS	2007
Kuczynski, Justin D.	CE	BE	2006	Lacko, Mark G	EET	BSAS	1987
Kudelko, Mary K.	Cmp.T.	AAS	1989	LaClair, Duane	CET	BSAS	1989
Kudra, John S.	EE	BE	1973	Lacy, Daryl E.	Ch.E.	BE	1992
Kuhl, Cassey D.	EE	BE	1981	Ladigo, Mary A.	Cmp.T.	AAS	1989
Kuhns, Matthew A.	ME	BE	2010			BSAS	1990
Kuhns, Norman Wayne	ME	BE	1974	Ladipo, Roland O.	CET	BSAS	1984
Kuhns, Richard D.	Cmp.T.	AAS	1983	Ladner, Jeffrey A.	EE	BE	1969
Kujawa, Chtistopher M.	DDT	AAS	2004	Lake, Victor George	ME	BE	1966
	CET	BSAS	2005	Lalama, Albert	EET	AAS	1979
Kukura, Joanne S.	Cmp.T.	AAS	1977			BSAS	1983
Kukura, John A.	EET	AAS	1988	Lalama, Samuel J.	Ch.E.	BE	1961
		BSAS	1990	Lallo, Gary J.	IE	BE	1991
Kukura, Richard J.	EE	BE	1955	Lallo, Michael J.	CE	BE	1956
Kukura, Ronald S.	IE	BE	1971	Lallo, M. Patricia	CE	BE	1992
Kukura, Stephen J.	EET	AAS	1985	Lam, Frank F.	CE	BE	1971
		BSAS	1989			MS	1976
Kukura, Thomas M.	CET	AAS	1999	Lam, Peter F.	ME	BE	1972
		BSAS	2004			MS	1976
Kulifay, Annette C.	Ch.E.	BE	1986	Lamanna, Joseph	Cmp.T.	BSAS	1988



Lammana, Laura K.	MET	AAS	2001	La Salandra, Robert C.	EET	AAS	1987
		BSAS	2001	Lasco, Michael A.	MET	AAS	1988
	I&SE	MS	2005			BSAS	1991
Lamb, Carol M.	CET	AAS	1998	Lascola, Matthew A.	CE	BE	1993
		BSAS	2001	Lasher, Wallace E.	EE	BE	1950
	I&SE	MS	2005	Laskey, Richard A.	EET	AAS	1984
Lamb, Howard C.	EUT	ATS	2009	Laslow, Robert J.	EE	BE	1959
Lamberg, Bert J.	CE	BE	1966	Latcherman, William	IE	BE	1961
Lambert, Howard E.	Ch.E.	BE	1969	Lateef, Asjad M.	EE	BE	1996
Lambert, Larry G.	EE	BE	1962	Lateef, Rafiq A.	MET	AAS	2006
Lambis, Kyriakos F.	Mt.E.	BE	1986		MET	BSA	2007
Lambrecht, Arthur G.	CE	BE	1952	Latell, Frank A.	CE	BE	1957
Lambright, Kenneth R.	IE	BE	1989	Latell, John D.	CE	BE	1958
Lamichhane, Keshab	EE	MS	2002	Latess, James V.	EET	AAS	1987
Lammert, Douglas R.	EET	AAS	1984	Lathom, David Clark	ME	BE	1960
		BSAS	1988	Latiano, Nicholas A.	EET	AAS	1987
Lamoncha, Brenten L.	I&SE	BE	2009	Latif, Farrukh A.	EE	MS	1976
Lamp, Joseph C.	DDT	AAS	2007	Latimer, Eric S.	ME	BE	2006
Lampe, Herbert S. Jr.	EE	BE	1952	Latimer, Glen	MET	AAS	1990
Lample, Joshua M.	ME	BE	2003			BSAS	1991
Lample, Justine M.	EET	AAS	2003	Latisi, Linda A.	Cmp.T.	AAS	1974
		BSAS	2003	Latronico, John E.	Ch.E.	BE	1976
Lampson, Robert E.	PPT	ATS	2006	Lattanzi, John R.	Cmp.T.	AAS	1986
Lance, Leonard Ervin	ME	BE	1954	Lattanzi, Sharon A.	Cmp.T.	AAS	1986
Lander, Robert J.	CE	BE	1965	Lattanzio, Stephanie L.	CET	BSAS	2000
Landers, John C.	EE	BE	1969	Lattro, Michael D.	EET	AAS	1988
Landers, Patrick J.	EET	AAS	1997			BSAS	1989
Landgraff, Lawrence	Cmp.T.	AAS	1990	Lauer-Gatta, Maureen Y.	CE	BE	1999
Landwert, Milford E.	ME	BE	1951	Laughlin, Donald E.	ME	BE	1969
Lane, Jon	MET	AAS	1993	Laughlin, Richard L.	EET	AAS	1981
		BSAS	1994			BSAS	1984
Lane, William C.	IE	BE	1952	Lautzenheiser, Shawn L.	DDT	AAS	2003
Lang, Terence E.	EE	BE	1965	LaVelle, Thomas P.	Mt.E.	BE	1954
Lang, Trevor L.	EE	BE	1990	Lavernick, Jason	MET	AAS	2000
Langa, James P.	Mt.E.	BE	1981			BSAS	2000
Langerman, Gary A.	CET	AAS	1975	Lavender, Thomas E.	EET	AAS	2003
		BSAS	1978	Lavin, Donald R.	Ch.E.	BE	1960
Langiotti, Paul A.	Mt.E.	BE	1960	Lavins, Paul N. Jr.	EE	BE	1964
Lankford, Richard Alan	ME	BE	1978	LaVogue, Randall W. Jr.		BE	1974
Lanning, Charles W. Jr.	CET	AAS	1972	LaVolpa, John A.	CET	AAS	1993
Lanterman, Dale N.	Cmp.T.	AAS	1972	Lavorate, Deborah C.	Cmp.T.	AAS	1978
Lanterman, Jack E. Jr.	EET	BSAS	1983	Law, Charles	CE	BE	1966
Lanterman, Neil J.	Ch.E.	BE	1998	Law, Matthew G.	ME	BE	2006
Lanterman, Robert E.	Ch.E.	BE	1999	Law, Scott A.	EUT	ATS	2009
Lantz, Richard Lee	ME	BE	1960	Lawless, Luke G.	CE	BE	1988
Laohajaratsang, Tadchamong	CE	MS	1993	Lawrence, Bruce D.	EET	AAS	1977
Laohasiripunya, Chuchart	CE	MS	1976			BSAS	1980
LaPaze, Thomas R.	Cmp.T.	AAS	1985	Lawrence, Edward F.	EE	BE	1977
Lapikas, Thomas S.	ME	BE	1977	Lawrence, James F.	CE	BE	1956
Lapinski, John P.	CE	BE	1995	Lawrence, Jeffrey S.	DDT	AAS	1991
Lapolla, Marianne	Cmp.T.	AAS	1973	Lawrence, Linda C.	Cmp.T.	AAS	1982
		BSAS	1975	Lawrence, Ronald D.	ME	BE	1982
Larentzos, Evangelia P.	Ch.E.	BE	1990	Lawrentz, Douglas L.	EET	AAS	1981
Larentzos, James P.	Ch.E.	BE	2000	Lawrentz, Robert A.	EE	BE	1983
Laret, Nelson S.	MET	BSAS	2006	Lawson, Donald R. Jr.	Cmp.T.	AAS	1980
Largent, Jonathan R.	CE	BE	1993				
Laricca, Carol A.		BE	1981	Lawson, James Lamar	EUT	ATS	2008
Larkin, Peter S.	MET	AAS	1984	Lawson, James T.	ME	BE	1967
		BSAS	1990	Lawson, Mark A.	IE	BE	1987
LaRocca, Anthony P.	DDT	AAS	1993	Lawson, Richard	DDT	AAS	1990
La Rocca, Eric R.	MET	BSAS	2005	Lawson, Richard M.	MET	BSAS	2001
LaRocca, Eric R.	MET	AAS	1983	Lawson, Thomas E.	Ch.E.	BE	2001
LaRocca, Mark J.	Cmp.T.	AAS	1976	Lawton, Jason C.	CET	AAS	2001
LaRosa, Gerald M.	Ch.E.	BE	1985			BSAS	2003
Larrick, Brian S.	CET	AAS	1978	Lawyer, Terri S.	Cmp.T.	BSAS	1978
Larson, James K.	EET	AAS	1976	Layfield, Jeanine K.		BE	1986
		BSAS	1977	Layko, Robert J.	IE	BE	1973
Larson, Jeffrey A.	EE	BE	1985	Layko, Ronald J.	MET	AAS	1972
Larson, Robert D.	ME	BE	1970	Layshock, Jay Paul	MET	AAS	2008
Larubina, Joseph P.	EUT	ATS	2010	Layton, Tiffany M.	I&SE	MS	2000
Larue, David E.	ME	BE	1968	Lazar, Dave A.	CE	BE	1991
Larue, Susan J.	Cmp.T.	AAS	1977	Lazar, Paul A.	CE	BE	1980

Lazear, Carl J.	EE	BE	1991	Leonard, Clark	MET	AAS	1994
Lazich, Joseph A.	EE	BE	2004	Leonard, Edward C.		BE	1980
Lazor, David A.	EE	BE	1985	Leone, Andrew J.	EUT	ATS	2008
Lazor, Edward W.	EE	BE	1961	Leone, Dominic S.	EE	BE	1982
Lazor, James W.	EE	MS	1976	Leone, Larry J.	EE	BE	1977
Lazor, Kevin S.	EET	AAS	2001	Leone, Joseph A.	Ch.E.	BE	1979
Lazor, Larry J.	EE	BE	1978	Leone, Nicholas J.	ME	BE	1996
Lazzari, Jeremy D.	ME	BE	2003	Leonelli, Danielle M.	I&SE	BE	1997
LeGasse, Francis M.	EE	MSE	1991	Leonelli, Kenneth	Ch.E.	BE	1984
Leach, Don E.	EE	BE	1964	Leonelli, Nick J.	ME	BE	1953
Leach, George A.	MET	AAS	1973	Leonelli, Philip A.	Cmp.T.	AAS	1971
Leach, Richard P.	EET	AAS	1976	Leopardi, James A.	Cmp.T.	AAS	1981
Leader, Kenneth Myron	ME	BE	1985			BSAS	1986
Leader, Pamela S.	IE	BE	1985	Lepley, Diane L.	CET	AAS	1970
Lealy, Todd Alan	ME	BE	1991			BSAS	1980
Leathers, Donald W.	Cmp.T.	AAS	1987	Lepley, Donald M.	CE	BE	1979
Lebarron, Paul William	ME	BE	1974	Lepley, Joseph M.	EET	AAS	1975
Leckfor, Ronald J.	EET	BSAS	1997			BSAS	1977
Leckwart, Frank A.	EE	BE	1964	Leposky, Martin J.	EE	BE	1975
Ledden, Roy E.	EET	BSAS	1977	Lerch, Edward P.	Cmp.T.	AAS	1979
Lee, Chung-Hsiang	ME	MS	1985			BSAS	1980
Lee, Dennis C.	EE	BE	1970	Lerussi, Robert O.	EET	BSAS	2000
Lee, Dennis E.	Ch.E.	BE	1972	Lesh, Lawrence D.		BE	1952
Lee, Edmond	EE	BE	1985	Lesho, Edward J.	Cmp.T.	AAS	1977
Lee, Eun S.	I&SE	BE	1998	Lesigonich, Robert S.	EE	BE	1973
Lee, Hyung Joo	EE	MS	1988	Lesko, Christine A.	I&SE	MS	1999
Lee, Min Eig	EE	MS	1986	Lesko, Walter M.	CE	BE	1957
Lee, Richard F.	EE	BE	1959	Leskovac, George J.	Cmp.T.	AAS	1972
Lee, Robert	Cmp.T.	BSAS	1985	Leskovac, Thomas John	ME	BE	1992
Lee, Scott William	ME	BE	1987	Leslie, James	EET	BSAS	1994
Lee, Tai-Yang	ME	MS	1985	Lesnansky, Frank	EE	BE	1960
Lee, Wesley Q.		AAS	1975	Lesniak, Teri L.	Ch.E.	BE	1998
Lee, YunChin	EE	MS	1994	Lesnoski, Thomas M.	IE	BE	1984
Leech, William Jon	ME	BE	1961	Leson, Eugene J. Jr.	CET	AAS	1977
Leedy, Rachel L.	IT	BS	2008			BSAS	1979
Leenheer, Leonard M.	Cmp.T.	AAS	1974	Lesosky, Joyce A.	Cmp.T.	AAS	1978
Leetch, James W.	Mgt.E.	BE	1979	Lester, Joseph P.	EE	BE	1973
Leetch, Robert J.	CE	BE	1985	Letchford, Robert J.	Ch.E.	BE	1964
Legros, Robert A.	PPT	ATS	2007	Lettera, James N.	EE	BE	1972
Legstrom, William E.	EE	BE	1966	Levy, Patrick W.	CE	BE	1987
Lehman, John H.	IE	BE	1952	Lewis, Adam P.	CE	BE	2006
Lehmann, George	EE	BE	1979	Lewis, Alan J.	EET	AAS	1988
Lehotsky, Charles D.	EET	AAS	1998			BSAS	1989
Lehrman, Antone	ME	BE	1970	Lewis, Douglas G.	CET	BSAS	1982
Lehrman, Steve	CE	BE	1998	Lewis, Dwayne	MET	BSAS	1987
Leichliter Jr, Gordon Leonard	EUT	ATS	2008	Lewis, Dwight C.	EE	BE	1958
Leiendecker, Cynthia L.	CE	BE	1983	Lewis, Jeffrey S.	I&SE	BE	1996
Leimanis, John J.	CE	BE	1969	Lewis, Kenneth A.	Cmp.T.	AAS	1980
Leiter, Scott J.	CE	BE	1998			BSAS	1982
Leister, Terry	EET	BSAS	1990	Lewis, Robert B.	EE	BE	1986
Leitten, David E.	Mt.E.	BE	1971	Lewis, Roger E.	ME	BE	1963
Leko, Anna J.	Cmp.T.	AAS	1987	Lewis, Thomas Idris	ME	BE	1963
		BSAS	1994	Lewis, Thomas J.	EET	BSAS	1979
Lemasters, Brian Paul	ISE	BE	2008	Lewis, Wendy S.	Cmp.T.	AAS	1981
LeMay, Julie A.	Mat.Sci.	BE	1994			BSAS	1983
Lemmon, Dwight A.	MET	BSAS	1981	Lewis, William A. Jr.	CE	BE	1956
Lemmon, Kris T.	ME	BE	1996	Leyman, Brett A.	DDT	AAS	2003
Lemmon, William	Cmp.T.	AAS	1990	Li, Frank X.	EE	MS	1999
Lemonts, Chrissie J.	Cmp.T.	AAS	1975	Li, Li Tong	CE	MS	1996
Len, John	Cmp.T.	AAS	1988	Li, Minzhu	ME	MS	1996
		BSAS	1989	Li, Yu	ME	MS	1992
Lena, Theodore	IE	BE	1965	Liberati, Edward M.	CE	BE	1987
Lengauer, Philip E.	MET	AAS	2000	Libertin, George	Mt.E.	BE	1960
Lengyel, Michael J.	IE	BE	1990	Licata, Robert J.	MET	AAS	2007
Lenhart, Brian R.	EE	BE	2004			BS	2008
Lenhart, Milton	CE	BE	1996	Licata, Timothy J.	CE	BE	2006
	C&EE	MS	2004	Licate, Gary H.	EET	AAS	1985
Lenhart, Richard L. Jr.	Ch.E.	BE	1991	Licavoli, Frank	EET	BSAS	1989
Lenton, John A.	IE	BE	1978	Lichney, John J.	EET	AAS	1986
Lentz, Thomas H.	EE	BE	1970			BSAS	1994
Lenz, Theodore G.	IE	BE	1965	Licht, Keith Lawrence	ME	BE	1971
Leo, Steven J.	EUT	ATS	2010	Lightner, John	Ch.E.	BE	1966

Lightner, John F.	EE	BE	1959	Little, Steven R.	Ch.E	BE	2000
Ligore, Carl A.	CE	BE	1984	Littlejohn, Ronda A.	IE	BE	1989
Liguore, Harry M.	EET	AAS	1978	Litz, Beth A.	Cmp.T.	BSAS	1984
		BSAS	1980	Litz, Jeremy A.	EE	BE	1996
Liguore, Louis Joseph	ME	BE	1973	Litzenberg, John	EET	BSAS	1991
		MS	1978	Liu, Ching-Yu	ME	MS	1983
Liguore, Luke J.	EET	BS	2008	Liu, Nien-Tsu	CE	MS	1981
	EET	AAS	2000	Livada, Kimberly J.	Cmp.T.	BSAS	1984
Liguore, Victor R.	I&SE	BE	2002	Livosky, Michael W.	EE	BE	1974
Liguori, Joe	EET	AAS	1978	Lloyd, Daniel D.	CE	BE	1980
		BSAS	1981	Lloyd, William T.	EE	BE	1958
Lilko, Paul E.	EET	BSAS	1986	Lobritz, John Thomas	ME	BE	1966
Lim, Edwin Y.	Ch.E.	BE	1973	Loch, Daniel C.	IE	BE	1987
Lim, Siew Y.	IE	BE	1987	Locicero, Loseph R.	IE	BE	1965
Limbacher, Raymond D.	Ch.E.	BE	1993	Lockard, Nickolaus J.	EE	BE	2008
Limpaisarn, Arthit	CE	MS	1987	Locke, David P.	EE	BE	1956
Limrajiti, Vachara	CE	MS	1995	Locketti, Jonathan J.	CET	AAS	2004
Lin, Hone-Jyh	ME	MS	1994			BSAS	2005
Lin, Jin-Lon	EE	MS	1988	Lockso, Matt	Mt.E.	BE	1974
Lin, Ming	ME	MS	1984	Lodge, James Alan	ME	BE	1970
Lin, Wei-Ming	ME	MS	1988	Lody, Charles D.	IE	BE	1969
Linamen, Stephen	MET	BSAS	1991	Loew, Daniel M.	MET	AAS	2001
Lindberg, Eric	EET	BSAS	1994	Lofholm, Jac G.	CE	BE	1993
Lindeman, Joseph	Cmp.T.	AAS	1978	Loftus, Wendy L.	CE	AAS	1995
Lindesmith, Troy Jacob	EUT	ATS	2008	Logan, Brian C.	CE	BE	1997
Linder, Steven M.	EE	BE	1973	Logero, Zambia	Ch.E	BE	1995
Lindsay, Austin C.	EET	AAS	1977	Logue, Angela A.	EE	BE	2004
		BSAS	1983	Logue, William E.	IE	BE	1951
		BE	2010	Lombard, Carl A.	Mt.E.	BE	1960
Lindsay, Dustin L.	ME	BE	2010	Lombardi, Frank R.	EE	BE	1962
Lindsay, Jacquelyn P.	EE	BE	1986	Lombardi, Joseph	Cmp.T.	AAS	1989
Lingenfelter, Clark R.	ME	BE	1984			BSAS	1991
Lingenfelter, Katherine D.	MET	AAS	1986	Lombardo, Anthony C.	ME	BE	1975
Lingenfelter, Robert C.	ME	BE	1959	Lombardo, Dennis M.	EE	BE	1973
Linhan, Patrick M.	MET	BSAS	2001			MS	1976
Link, Robert O.		BE	1979	Lombardo, Eric M.	EE	BE	2003
Linko, Andrew T.	EET	AAS	1985		EE	MS	2006
Linpisal, Perin		BE	1974	Lombardo, Ralph G.	Ch.E.	BE	1964
Linsley, Robert K.	EE	BE	1979	Lonardo, Mark A.	EET	AAS	1983
Linton, Samuel W.	EET	AAS	1986	Lonardo, Richard J.	Ch.E.	BE	1989
Liou, Jaw-Wu	EE	MS	1987	Loncar, Alan W.		BE	1970
Liou, Raycham	CE	MS	1990	Loney, Don J.	Ch.E.	BE	1987
Liou, Shiann-Ming	EE	MS	1987	Loney, John W.	EE	BE	1966
Lipczynski, Brian	EE	BE	1995	Long, George P.	EET	BSAS	1982
Lipe, Shaun M.	EE	BE	2006	Long, Jean A.	Ch.E.	BE	1983
Lipinski, Richard A.	Cmp.T.	AAS	1984	Long, John Raymond	ME	BE	1971
		BSAS	1984	Long, Michael D.	ME	BE	2000
Lipinski, Thomas J.	CE	BE	1991	Longberry, Philip M.	I&SE	BE	2000
Lipjanic, Michael G.	EET	AAS	1982	Longmire, Robert	Cmp.T.	AAS	1992
		BSAS	1983	Loomis, Timothy R.	MET	AAS	2001
Liposchak, Matthew J.	CE	BE	1996	Loosemore, Allan G.	IE	BE	1962
Lipp, Gregory A.	CET	AAS	1973	Lopuchovsky, George J.	EE	BE	1984
Lipp, Harold D.	MET	AAS	2003	Lopushansky, Richard L.	IE	BE	1975
		BSAS	2005	Lora, Nathan C.	MET	AAS	2001
Lipp, William E.	CET	AAS	1970			BSAS	2003
Lipps, Mark A.	EET	AAS	1982	Lord, George J.	Cmp.T.	AAS	1982
Liptak, Terrence J.	EE	BE	1972	Lordi, Gerald J.	ME	BE	1970
Lischak, John M.	CET	BSAS	1983	Lordo, Charles D.	EE	BE	1972
Lischak, Myron J.		AAS	1984	Lordo, Richard K.	ME	BE	1970
Liscio, Edward D.	EET	BSAS	1982	Lordo, Robert E.	EE	BE	1963
Lisko, Dale J.	EE	BSAS	1998	Lordo, Robert K.		BE	1970
Lisko, Jason G.	ME	BE	2009	Lordo, William H.	ME	BE	1970
Lisowski, Edward J.	CET	AAS	1994	Loree, Bruce E.	Cmp.T.	AAS	1982
		BSAS	1995	Loree, Craig R.	Cmp.T.	AAS	1978
List, Linda J.	Cmp.T.	AAS	1983			BSAS	1980
List, Matthew J.	Ch.E	BE	1997	Lorenz, David A.	CET	BSAS	2002
List, Michaelyn	Ch.E	BE	1997	Lorincz, Samuel	EE	BE	1986
Liste, Louis S.	EE	BE	1977			MS	1989
Lister, Frank B.	EE	BE	1965	Losey, Brian D.	EE	BE	2001
Little, Douglas W.	CET	BSAS	1990	Loth, James D.	EE	BE	1963
Little, James E.	EE	BE	1985	Lough, Daniel J.	ME	BE	1995
Little, Joseph H.	Ch.E.	BE	1979	Loughrie, Gregory D.	Ch.E.	BE	1964
Little, Robert C.	Ch.E.	BE	1986				

Louis, Ernest J.	Cmp.T.	BSAS	1987				
Louttit, Dean W.	EET	AAS	1981	Luther, Eric Martin	ME	BE	1985
Loutzenhiser, Richard	Ch.E.	BE	1970			MS	1987
Love, Jerry R.	EET	BSAS	1980	Luther, Regis C.	Ch.E.	BE	1982
	EE	BE	1989	Lutsi, Anthony B.	CE	BE	1967
Love, Richard H.	EE	BE	1983	Lyda, John Joseph	ME	BE	1970
Loveland, James L.	CE	BE	1973	Lyda, Mark	CE	BE	1996
Loveless, Michael	MET	AAS	1988	Lyda, Michael Joseph	CE	BE	2008
Lovell, Dennis L.	MET	AAS	1975		CE	MS	2010
		BSAS	1978	Lyden, Joseph R.	CE	BE	1966
Lovitz, William A.	EET	AAS	2001	Lyden, Thomas Burke	ME	BE	1963
Lovitz, William C.	MET	AAS	2006	Lydic, Bruce W.	Cmp.T.	AAS	1982
	MET	BS	2008	Lykins, Patricia J.	Cmp.T.	AAS	1988
Lovy, James Leo		BE	1951	Lynch, Arthur J. Jr.	IE	BE	1965
Lower, Jack Jr.	Cmp.T.	BSAS	1989	Lynch, John P.	DDT	AAS	1980
Lowinger, Howard R.	Ch.E.	BE	1974		CET	BSAS	1984
Lowman, Rory G.	EE	BE	1991	Lynch, Kevin James	CE	BE	2008
Lowry, Daniel E.	EE	BE	2001	Lynch, Thomas J.	EE	BE	2006
		MS	2004	Lynch, Thomas J. Jr.	ME	BE	1951
Lowry, Gregory J.	CE	BE	1986	Lynn, Jeffrey P.	Ch.E.	BE	1977
Lowry, James W.	IE	BE	1980	Lynskey, Tyler C.	EUT	ATS	2010
Lowry, Lynn R.	CE	BE	1957	Lyons, Brian	Cmp.T.	BSAS	1992
Lowry, Neil D.	CE	BE	1982	Lyons, Jack J.	Cmp.T.	AAS	1980
Lowry, Stephen A.	EET	AAS	1977			BSAS	1982
Lowry, William B.	Cmp.T.	AAS	1972	Lyons, Joseph P.	EE	BE	1962
Lowther, Kenneth	EET	AAS	1995	Lyons, Richard A.	EET	AAS	1988
Loyprasert, Chidchai	Mat.Sci.	MS	1995	Lysowski, Thomas J.	EET	AAS	1973
Lozier, Donald R.	CE	BE	1957			BSAS	1975
Lubanovic, Maureen	Cmp.T.	AAS	1979	Lytle, Alan R.	IE	BE	1964
		BSAS	1981	Lytle, James	MET	AAS	1994
Lubbers, Jeffrey T.	ME	MS	1997	Lytle, James E.	MET	BSAS	1996
Lubonovic, Michael P.	EE	BE	1973	Lytle, Randy L.	Ch.E.	BE	1992
Lubonovich, Michael K.	CE	BE	1974	Maas, Raymond D.	MET	BSAS	1984
		MS	1977	Mabbott, Benjamin A.	ME	BE	2010
Lubonovich, Paul V.	ME	BE	1950	Macabobby, John M.		BE	1982
Luc, Ronald	Cmp.T.	AAS	1988	Macabobby, Robert L.	MET	AAS	1979
Lucarell, William J.	EE	BE	1962			BSAS	1988
Lucarell, William R.	EE	BE	1969	Macala, Glenn A.	EE	BE	1975
Lucarelli, Ida M.	Cmp.T.	AAS	1987			MS	1977
Lucas, Christian G.	I&SE	BE	1946	Macali, Matthew M.	EE	BE	2007
Lucas, David N.	EE	BE	1972	Macali, Mark E.	ME	BE	2010
Lucas, Michael J.	EET	AAS	1979	Macarchenia, Joseph H.	ME	BE	1956
		BSAS	1982	Macaulay, Joy A.	Cmp.T.	BSAS	1985
Lucas, William T.	Ch.E.	BE	1951	MacDougall, Edwin R.	Mt.E.	BE	1952
Lucente, Maria V.	CE	BE	1997	MacDougall, Richard A.	ME	BE	1959
Luchison, Vincent N.	Ch.E.	BE	1999	Mace, Ronald R.	Ch.E.	BE	1969
Luci, Vito V.	Ch.E.	BE	1972	Macella, Ronald	EE	BE	1969
Lucia, Michael	EET	BSAS	1994	Mac Gregor, Jesse Alan	EUT	ATS	2008
Lucia, Pat	Ch.E.	BE	1982	Machala, David P.	EE	BE	1975
Lucich, Tammy	Cmp.T.	BSAS	1991	Machesky, George J.	ME	BE	1973
Lucivjansky, Edward M.	Cmp.T.	AAS	1979	Machingo, Janet	Cmp.T.	AAS	1992
Luczka, Robert C.	EE	BE	1988	Machingo, William G.	ME	BE	1989
Lude, Nicholas J.	EET	AAS	2010	Machuga, Mark J.	Cmp.T.	AAS	1978
Ludt, James E.		AAS	1984			BSAS	1979
Ludt, Sean M	MET	AAS	2009	Macioce, Lawrence	ME	BE	1972
Ludwig, Jeffrey P.	ME	BE	1989	Macioce, Zackery A.	CET	AAS	1998
Lue, Jen-Lang	Mat.Sci.	MS	1990	Mack, David W.	MET	BSAS	1982
Lugiewicz, Craig M.	Mat.Sci.	BE	1994	Macker, John	Cmp.T.	AAS	1983
Lugiewicz, Eric J.	EUT	ATS	2009	Mackil, Molly	CET	BSAS	1987
Luketic, Karl J.	EET	AAS	1983	Mackey, John J.	CE	BE	1981
Lukon, Eobert	MET	AAS	1993	Macovitz, Michael J.	MET	AAS	1994
Lukovich, Vernon	Cmp.T.	AAS	1993		MET	BSAS	1999
Lundberg, John E.	EE	BE	1978	Macri, Stephen C.	Cmp.T.	AAS	1983
Lundeen, Daniel M.	EET	AAS	2003			BSAS	1985
	EET	BSAS	2004	Macupa, Christopher M.	Cmp.T.	AAS	1978
Lundeen, Robert D.	MET	AAS	1977	Madden, Deborah A.	Ch.E.	BE	1991
		BSAS	1983	Madden, Hugh F.	Mt.E.	BE	1967
Lungu, Radu	CE	MS	1996	Madden, William T.	DDT	AAS	1980
Luoma, Brian E.	ME	BE	2003	Maderitz, James	ME	BE	1994
Luoma, Karl I.	ME	BE	2005	Madgar, Adam J.	EE	BE	2003
Luse, Samuel B.	Ch.E.	BE	1963	Madorno, Thomas E.	EET	AAS	1985
Lusk, Wylie H.	EET	BSAS	1985	Madura, Andrew J.	Mt.E.	BE	1960

Mady, Leonard A.	Mt.E.	BE	1971	Maligas, Manuel N.	Mt.E.	BE	1966
Maendal, Joshua	ME	BE	1971			MS	1974
Maffei, Merle Edward	ME	BE	1951	Malito, Donald J.	Cmp.T.	AAS	1975
Maga, Raymond Arnold	ME	BE	1974		MET	BSAS	1977
		MS	1980	Malito, Michael J.	ME	BE	1969
Magalotti, Joseph W.	EE	BE	1987	Malizia, Daniel J.	Ch.E.	BE	1969
Magalotti, Victor W.	EE	BE	1988	Malla, Prashant	CE	MS	1993
Magargee, Ronald J.	Ch.E.	BE	1977	Mallary, George E.	Cmp.T.	AAS	1982
Magazzeni, David A.	CET	AAS	1982	Mallery, James R.	CE	BE	1971
		BSAS	1984	Malley, Catherine J.	Cmp.T.	AAS	1981
Magda, Frank Andrew	ME	BE	1987			BSAS	1983
Mager, Ronald P.	EE	BE	2003	Mallory, Richard S.	EET	AAS	1980
Maggiano, Stephen M.	EE	BE	1983			BSAS	1984
Magill, Dale V.	CE	BE	1966	Malmfeldt, Bernard C.	ME	BE	1970
Magill, Nicholas M.	EUT	ATS	2010	Malmsberry, Nate J.	CCET	BSA	2009
Magnello, Howard	MET	AAS	1980	Malone, William D. Jr.	CE	BE	1983
Magni, Ronald J.	EET	AAS	1998	Maloney, Joseph W.	Ch.E.	BE	2002
Magouras, Dimitrios J.	Cmp.T.	AAS	1975	Maloney, Leroy M.	CE	BE	1977
Magsomboon, Isda	C&EE	MS	2003	Maloney, Robert A.	CET	AAS	1973
Maguire, Kevin R.	MET	AAS	1998	Maloney, Timothy J.	CET	AAS	1979
Maguire, Riley A.	ME	BE	1998	Malvestuto, Joseph	EET	AAS	1987
Mahan, Clifford Scott	ME	BE	1980			BSAS	1989
Mahannah, Daniel H.	ME	BE	1965	Malys, Barbara	Cmp.T.	AAS	1982
Mahdi, Abdullah N.	CET	AAS	2007			BSAS	1984
	CET	BSA	2010	Malysa, David L. Jr.	IE	BE	1980
Maher, Lisa M.	Cmp.T.	AAS	1984	Mamie, Michael A.	EUT	ATS	2010
Mahinparvar, Ahmad	CE	BE	1980	Mamounis, James D.	MET	BSAS	2006
Mahmood, Nancy I.	Ch.E.	BE	1986	Mamula, Scott M.	EUT	ATS	2008
Mahmood, Nazieha A.	Cmp.T.	BSAS	1984	Manahan, Scott R.	CET	BSAS	1990
Mahone, Bryan E.	ME	BE	1998	Manak, Joseph John	ME	MS	1977
Mahoney, Walter	EE	BE	1966	Manchester, John A.	EET	AAS	1984
Mahwood, Nancy I.	Ch.E.	BE	1987	Mancini, Dominic J.	MET	AAS	1984
Maier, Charles	EET	BSAS	1994	Mancini, Patrick W.	MET	AAS	1973
Maillis, Michael A.	ME	BE	1985	Mancino, Anthony J.	EET	AAS	2000
Maillis, Michael Ilias	ME	BE	1979	Mandish, John Jerone	ME	BE	1961
Maillis, Nicholas E.	EE	BE	2006	Manente, Stephen C.	EE	BE	1985
Main, Kerri L.	Cmp.T.	AAS	1981	Manes, Robert J.	ME	BE	1965
Main, Phillip E.	IE	BE	1983	Manfredi, Janine A.	CET	AAS	1998
Maiorana, Daniel	IE	BE	1968			BSAS	2000
Maiorana, Nicholas	CET	BSAS	1985	Mangapora, Robert B.	ME	BE	1985
Maiorana, Nicola A.	Cmp.T.	AAS	1984	Mangiarelli, Bruno	EET	AAS	1989
		BSAS	1987			BSAS	1990
Maiorana, Salvatore J.	ME	BE	1949	Mangiarelli, Donna J.		BE	1981
Majdeski, Henry M.	Ch.E.	BE	1971	Mangin, Steve F.	CE	BE	2007
Majecic, Joseph Jr.	ME	BE	1951		CE	MS	2010
Majernik, John	MET	AAS	1988	Mangun, David A.	CE	BE	1973
		BSAS	1990	Manijak, Joseph	Ch.E.	BE	1985
Majernik, Leonard J.	ME	BE	1975	Mankin, Glenn E.	Ch.E.	BE	1980
Majernik, William J.	MET	AAS	1986	Mankin, Glenn E.	IE	BE	1980
Makar, Frank Ronald	ME	BE	1969	Mankin, Raymond G.	IE	BE	1963
Makara, Raymond G.	CE	BE	1980	Manna, David J.	EET	AAS	2004
		MS	1983	Manning, Donald A.	MET	AAS	1974
Makatura, Lorraine	Cmp.T.	AAS	1982	Manofsky, James C.	Cmp.T.	AAS	1983
		BSAS	1984	Manorbhai, Indravadan	ME	MSE	1972
Makki, Hassan Y.	CET	BSAS	1985	Manos, Dale N.	Ch.E.	BE	1971
Makki, Rafic Z.	EE	BE	1979	Manos, James N.	Mt.E.	BE	1983
		MS	1981	Manounis, James D.	MET	BSAS	2006
Makosky, Paul R.	CE	BE	1994	Mansager, Frederick H.	IE	BE	1955
Makosky, William R.	CE	BE	1985	Mansell, Lonnie W.	CET	AAS	1982
Makrias, John	ME	BE	1963	Mansfield, Douglas A.	EE	BE	1984
Makridis, Nikolaos G. D.	EE	BE	1979			MS	1992
		MS	1982	Mansfield, Jennifer A.	Ch.E.	BE	2002
Makris, Michael E.	Ch.E.	BE	1985	Mansfield, Robert A.	Cmp.T.	AAS	1983
Maksimowski, Ferdinand A. Jr.	Mt.E.	BE	1960	Mansky, Courtney A.	ME	BE	1998
Malallah, Mazin	MET	BSAS	1987	Mansour, Nader I.	CE	BE	1985
Malandra, Joseph A.	IE	BE	1977	Manvel, Richard	MET	AAS	1990
Malara, Philip P.	EUT	ATS	2009	Mantini, Robert J.	Ch.E.	BE	1974
Malcolm, Nelson James	ME	BE	1987	Maounis, Gust N.	Cmp.T.	AAS	1980
Malenky, Kimberly I.	IE	BE	1985	Maraczi, Michael R.	CET	AAS	1985
Maley, Brian J.	EE	BE	2005			BSAS	1989
Malie, Anthony J.	Cmp.T.	AAS	1988	Marado, Annette C.	Mat.E.	BE	1990
Malie, John Joseph	ME	BE	1965	Marado, Paul E.	Mat.E.	BE	1993

Marasovich, Gary M.	Ch.E.	BE	1983	Marsco, Jon Donald	ME	BE	1990
Marasovich, Karen A.	Cmp.T.	BSAS	1983	Marsco, Michael A.	Cmp.T.	AAS	1987
Marble, Jobie	EE	BE	2003	Marsh, Derrick A.	CE	BE	2000
Marcella, Paul L.	Cmp.T.	AAS	1973	Marsh, Gilbert L.	Mt.E.	BE	1956
		BSAS	1977	Marsh, John	Engr.	A.B.	1942
Marchak, Don A.	EE	BE	1977	Marsh, Justin J.	EUT	ATS	2010
Marchionda, Albert	IE	BE	1983	Marsh, Lannie M.	EE	BE	2007
Marchionda, Sandro J.	IE	BE	1984	Marshall, Dale	Cmp.T.	AAS	1990
Marcone, Arthur W.	IE	BE	1955	Marshall, Eugene C.	EE	BE	1974
Marcone, Thomas E.	IE	BE	1957	Marshall, Holly S.	EET	AAS	2004
Marconi, Michael J.	Cmp.T.	AAS	1974	Marshall, James R.	DDT	AAS	1993
		BSAS	1977	Marshall, Joshua Adam	BIOL	BS	2008
Marcucci, Mark A.	Ch.E.	BE	1977	Marshall, Kathryn M.	Ch.E.	BE	1991
Marefat, Reza		BE	1971	Marshall, Kelly A.	I&SE	BE	2007
Marenkovic, Gregory	DDT	AAS	1991	Marshall, Loyd L.	CE	BE	1968
Marenkovic, Gregory V.	MET	BSAS	1999	Marshall, Mike	CET	AAS	1984
Margala, Eric	Cmp.T.	AAS	1993			BSAS	1986
Margrave, Chris A.	MET	AAS	1977	Marshall, William A.	MET	BSAS	1981
		BSAS	1985	Marshall, William J.	EE	BE	1981
Margrave, Shawn G.	MET	AAS	1976	Marshman, David G.	EE	BE	1974
		BSAS	1979	Marsico, Richard A.	CE	BE	1958
Mariacher, Michelle A.	EE	BE	2008	Marsteller, Lynn L.	Cmp.T.	AAS	1982
Mariash, Stephen A.	EE	BE	1980			BSAS	1985
Marie, Hazel	ME	MS	1998	Martauz, Francis D.	EE	BE	1984
Marik, Henry Joseph	ME	BE	1952	Martello, Mark A.	Cmp.T.	AAS	1982
Marinelli, Chad A.	I&SE	MS	1999	Martin, Carol A.	Cmp.T.	AAS	1983
Marinelli, Robert A.	Cmp.T.	AAS	1986	Martin, Daniel A.	I&SE	BE	2003
		BSAS	1988	Martin, David R.	I&SE	BE	2002
Mariner, Wilbert J. Jr.	ME	BE	1949	Martin, David Royce	MATH	BS	2008
Marinis, Evangelos M.	ME	BE	1984	Martin, Ethan M.	CE	BE	2002
		MS	1985	Martin, Frank A.	CE	BE	1984
Marino, Anthony M.	EET	BSAS	1983	Martin, Frank A.	CE	MS	1996
Marino, Baptiste A.	EE	BE	1958	Martin, Frank H.	CE	BE	1971
Marino, Charles Joseph	ME	BE	2008	Martin, Gertrude L.	Cmp.T.	AAS	1982
Marino, Guy	MET	AAS	1987	Martin, Halley Jennifer	CE	BE	2008
		BSAS	1989	Martin, Harry E. II	CE	MS	1984
Marino, Orlando D.	Cmp.T.	AAS	1981	Martin, Jacob A.	MET	BSA	2009
		BSAS	1984	Martin, James M.	MET	AAS	2002
Marino, Robert Eugene	ME	BE	1961			BSAS	2003
Marino, Steven David	ME	BE	1985	Martin, James R.	Ch.E.	BE	1966
Marino, William Michael	EUT	ATS	2008	Martin, Jamie Van	CET	AAS	2008
Marinov, Allen W.	I&SE	MS	2002		CET	BSA	2009
Maritch, Robert J.	IE	BE	1973	Martin, Jeffrey	Ch.E.	BE	2003
Markasky, David L.	EE	BE	1994	Martin, John A.	IE	BE	1959
Markasky, Lawrence A.	CE	BE	1962	Martin, John C.	EE	BE	1978
Markel, Tanya M.		BE	1994	Martin, John D.	ME	BE	2006
Markle, Ronald D.	Mt.E.	BE	1972	Martin, Laryssa L.	EET	AAS	2003
Markovic, Stephen W. Jr.	MET	AAS	1981			BSAS	2005
		BSAS	1985	Martin, Matthew F.	IE	BE	1994
Markovitch, Nancy A.	IE	BE	1993	Martin, Matthew R.	ME	BE	1996
Markovitch, Thomas E.	EE	BE	1990		EE	MS	2001
Marks, Daniel William	ME	BE	1971	Martin, Melanie E.	I&SE	BE	1996
Markulin, George		BE	1981	Martin, Paul C.	CE	BE	1992
Markulin, Ivica	Cmp.T.	AAS	1976	Martin, Peter J.	EET	AAS	1977
		BSAS	1978			BSAS	1978
Markulin, Ivan	EET	AAS	1976	Martin, Robert J. Jr.	CE	BE	1980
		BSAS	1978	Martin, Roger	MET	AAS	1988
Markulin, Joseph M.	EE	BE	1977			BSAS	1992
Markusic, Michael M. Jr.	EE	BE	1963	Martin, Shawn M.	CE	BE	1993
Marnicio, Jeffrey A.	CE	BE	2001	Martin, Sonja	Cmp.T.	AAS	1993
Maroun, Jean A.	CE	BE	1996	Martin, Steve L.	EE	BE	1986
Marovich, Paul	Mat, Sci.	MS	1997	Martin, Steven P.	Cmp.T.	AAS	1983
Marovich, Paul S.	DDT	AAS	1980			BSAS	1985
	MET	BSAS	1985	Martin, Thomas J.		BE	1971
Marr, James R.	CET	BSAS	1984	Martin, Timothy T.	CE	BE	1994
Marr, Thomas R.	CET	AAS	1983	Martin, Tyler F.	EUT	ATS	2010
		BSAS	1986	Martin, William A.	ME	BE	1974
Marra, Pasqual J.	Ch.E.	BE	1959		Mat.Sci.	MS	1980
Marrangoni, James	Cmp.T.	AAS	1975	Martincic, Robert N.	ME	BE	1957
Marrangoni, Paul L.	EE	BE	1972	Martinec, John Robert	ME	BE	1956
Marriott, John T.	EET	BSAS	1996	Martinelli, Tom M.	EUT	ATS	2006
Marscaro, Daniel J.	IE	BE	1961	Martinez, Ernesto J.		BE	1982

Martinez, Gustave A.	EET	AAS	2006	Matis, Robert D.		BE	1974
	EET	BSA	2008	Matisi, John B. Jr.	ME	BE	1971
Martinez, John T.	EE	BE	1996	Matlock, Wallace M.	Mt.E.	BE	1967
Martini, David P.	EET	AAS	1983	Matovich, Stanley P.	EET	AAS	1977
Martini, Eugene K.	Mt.E.	BE	1959	Matricardi, John S.	CE	BE	1974
Martinko, Karen L.	IE	BE	1986	Matta, Christopher A.	CE	BE	1995
Martinko, Margaret A.	CE	BE	1977	Matta, Raymond M.	IE	BE	1961
Martinko, Robert S.	EE	BE	1950	Matteo, Michael J.	ME	BE	1968
Martinko, Stephen J.	EET	AAS	1981	Mattern, James C.	EE	BE	2001
		BSAS	1984	Matthews, Christopher R.	EE	BE	1993
Martinko, Thomas R.	CE	BE	1980	Matthews, Donald	EET	AAS	1994
Martof, James L.	EE	BE	1981	Matthews, Donald L.	EET	BSAS	1997
Martof, Thomas	EET	BSAS	1987	Matthews, Phillip J.	ME	BE	1972
Martone, Anthony J.	CET	BSAS	1987	Mattocks, Timothy R.	ME	BE	1988
Marttala, Norman W.	Mt.E.	BE	1960	Mattozzi, Todd A.	MET	AAS	1986
Martyna, Matthew M.	EUT	ATS	2007	Mattson, Andrew William	EE	BE	2008
Martz, Gregory A.	Ch.E.	BE	1988	Mattson, William F.	ME	BE	1963
Maruschek, James A.	EE	BE	1994	Matulek, Donald T.	Cmp.T.	AAS	1983
Maruschek, Joseph W.	EE	BE	1991			BSAS	1985
		MS	1995	Matune, Nicholas J.	ME	BE	2010
Maruschak, Joseph W.	ME	MS	1996	Matusak, Andrew M.	CE	BE	1991
Maruskin, Michael J.	Engr.	A.B.	1943	Matusak, Mary B.	Cmp.T.	AAS	1991
Marx, Michael L.	IE	BE	1982	Matuscak, Stephen J.	EET	AAS	1983
Marzo, Steven W.	ME	BE	1992			BSAS	1985
Marzula, Patricik T.	EE	BE	2002	Matuszowski, Marie E.	Cmp.T.	AAS	1976
Mascarella, Michael C.	MET	AAS	1974	Mauch, David Lee	ME	BE	1969
Mascaro, Daniel J.	IE	BE	1961	Mauck, James E.	EET	AAS	1988
Mase, Brandon Lee	EUT	ATS	2008			BSAS	1989
Masich, Michael E.	Cmp.T.	BSAS	1986	Mauck, Kenneth	EE	BE	2000
Masika, Paula K.	Cmp.T.	AAS	1979	Mauer, Victor G.	Mt.E.	BE	1972
Maslen, Neil L.	IE	BE	1966	Mauerman, Alan K.	MET	AAS	1981
Mason, Drew Lawrence	EE	BE	2008			BSAS	1982
Mason, Richard S.	EE	BE	1972	Maughan, James W.	EE	BE	1973
Mason, Ronald G.	ME	BE	1968	Maul, Gary	IE	BE	1970
Mason, Zachary John	EUT	ATS	2008	Maurer, Gregory L.	Ch.E.	BE	1996
Masone, James V.	MET	AAS	1981	Maurer, Michael J.	Ch.E.	BE	1982
Mass, Sharon A.	Cmp.T.	AAS	1986	Maurer, Patrick C.	Cmp.T.	AAS	1984
Massaro, Glenn R.	ME	BE	1964	Maust, William	EET	BSAS	1992
Masse, James M.	Ch.E.	BE	1978	Mawlawi, Samer M.	Ch.E.	BE	1995
Massie-Novotny, Cindy M.	Ch.E.	BE	1997	Maxwell, Robert D.		BE	1995
Masterlasco, Patrick II	MET	AAS	1990	May, Alan H.	EET	AAS	2004
		BSAS	1995	May, Dale H.	EE	BE	1957
Masters, Dudley J.	CE	BE	1952	May, John	EET	BSAS	1989
Masters, Martin E.	EE	BE	1975	May, Marilyn	Cmp.T.	AAS	1989
Mastoris, Michael A.	ME	BE	1996	May, Michael Robert	ME	BE	1982
Mastoros, Anthoula P.	Ch.E.	BE	1990	Mayberry, Theodore T.	Ch.E.	BE	1972
Mastoros, Dimitrios P.	ME	BE	1996	Maycher, Francis B.	ME	BE	1959
Mastramico, Christa M.	Ch.E.	BE	2007	Mayer, Dale E.	EET	AAS	1985
Mastramico, Nicholas J.	ME	BE	2005	Mayer, Gordon L.		AAS	1979
Mastren, John R.	IE	BE	1976	Mayer, George Jr.	IE	BE	1981
Mastromatteo, Carol	Cmp.T.	AAS	1975	Mayer, Martin J. Jr.	Cmp.T.	AAS	1975
Mastronarde, Roxanne M.	Ch.E.	BE	2002	Maynard, Kevin J.	CET	AAS	2004
Mastropietro, John M.	EET	AAS	1986			BSAS	2005
		BSAS	1988	Mayne, James W. Jr.	IE	BE	1961
Masud, Anwarul A.	EET	AAS	2008	Mayoras, Frank	MET	AAS	1993
Maszczak, Miros J.	Ch.E.	BE	1979		MET	BSA	1995
Maszczak, Miros J.	ME	BE	2000	Mayoras, Richard C. Jr.	EE	BE	1989
Matas, Michael E.	EET	BSAS	1980	Mays, Andrew G.	Mat,E	BE	2001
Matas, Thomas M.	EET	AAS	1974	Mays, Jason A.	CET	AAS	2003
Matasic, Jeanne F.	Cmp.T.	AAS	1985			BSAS	2005
Matasic, Richard J.	CE	BE	1962	Mays, Paula E.	Mat.E.	BE	1992
Matchak, Larry J.	MET	AAS	1972	Mays, Steven	MET	BSAS	1990
Matejka, Shane A.	CET	AAS	2007	Maysami, Masood	EE	BE	1981
Matey, Timothy J.	CET	AAS	1978	Mayzik, David J.	ME	MS	1981
		BSAS	1982	Mazraeh Keshani, Amir H.	EE	BE	1980
Mathes, Gregory M.	BE	ME	2008	Mazur, Richard J. L.	IE	BE	1964
Mathews, Donald H. III	ME	BE	1992	Mazur, Robert J.	EE	BE	1957
Mathias, Kent W.	EE	BE	1982	Mazurek, Aneta	MET	AAS	1998
Mathieson, Jason D.	EUT	ATS	2010			BSAS	2003
Mathieu, Richard L.	EE	BE	1977	Mazurek, Greg	ME	BE	2003
Mathur, Harbans B.	EE	MS	1990			MS	2006
Matis, Phillip M.	ME	BE	1966	Mazzetti, Joseph M.	ME	BE	1971

Mazzilli, Phillip V.	IE	BE	1962	McConnell, Randall L.	CET	AAS	2000
McAleer, Matthew P.	EUT	ATS	2010		CE	BSAS	2008
McAllise, Ray J.	EE	BE	1955	McConnell, Randy M.	CE	BE	1998
McAndrew, Robert L.	ME	BE	1990	McConnell, Richard	EET	AAS	1987
McAndrew, Thomas G.	EE	BE	1960	McConnell, Robert	Cmp.T.	AAS	1991
McAndrews, Raymond H. Jr.	CE	BE	1970			BSAS	1993
Mc Anlis, Michael J.	EET	AAS	1998	McConnell William E	EE	BE	1959
		BSAS	2000	McCool, Robert K.	EUT	ATS	2009
McBride, Arthur W.	CE	BE	1952	McCorkle, James L.	EET	AAS	1979
McBride, David C.	EET	BSAS	1986			BSAS	1981
McBride, Jennifer A.	MET	AAS	1998	McCormack, Douglas J.	EUT	ATS	2009
		BSAS	2000	McCormick, Richard D.	EE	BE	1962
McBride, Michael L.	ME	BE	1999	McCoy, Anthony L.	CCET	AAS	2009
				McCoy, James C.	ME	BE	2006
McBride, Robert W.	MET	AAS	1978	McCoy, Jeffrey E.	Ch.E.	BE	1995
		BSAS	1982	McCoy, Pamela B.	Ch.E.	BE	2003
Mc Bride, Ryan T.	CET	BSAS	2003	McCoy, Shella A.	Ch.E.	BE	2005
McCabe, Donald Lee	ME	BE	1969	McCoy, Wendy E.	CE	BE	2005
McCafferty, Sean J.	ME	BE	1991	Mc Cracken, David P.	EE	BE	2001
McCaffrey, Michael T.	EE	BE	1970	McCracken, George M.	EET	BSAS	1985
McCain, Andrew G.	EE	BE	2009	McCracken, Richard W.	MET	BSAS	1982
McCalla, Colin Roger	EUT	ATS	2008	McCrimmon, Brian C.	EET	AAS	2010
McCandless, John R.	ME	BE	1997	McCullough, Bradley J.	ME	BE	2009
McCandless, John T.	ME	BE	1997	McCullough, Gary S.	EET	BSAS	1987
McCann, David L.	CET	BSAS	1991	McCullough, Lori E.	Cmp.T.	AAS	1981
McCann, Dwain L.	EUT	ATS	2010	McCullough, Sterling A.	Cmp.T.	AAS	1978
McCann, Thomas	MET	BSAS	1992	McDade, Wesley B.	CE	BE	1957
McCarrier, Richard L.	CET	AAS	1984	McDermott, Loyal B.	Mt.E.	BE	1961
McCart, Michael J.	CET	AAS	1986	McDermott, Richard C.	EE	BE	1983
McCarthy, Frank J.	EET	AAS	1983	McDonagh, Lawrence P.	ME	BE	1964
		BSAS	1985	McDonald, Chris	EE	BE	1974
McCarthy, Jerry F.	ME	BE	1961	McDonald, Jay P.	EET	AAS	1982
McCarthy, John P.	Cmp.T.	AAS	1978	McDonald, Kevin R.	CET	AAS	1981
		BSAS	1979		CE	BE	1984
McCarthy, Richard A.	EET	AAS	1976	McDonald, Martin K.	CET	AAS	1993
		BSAS	1977			BSAS	1995
McCarthy, Theresa M.	Cmp.T.	AAS	1983	McDonald, Richard	CET	BSAS	1984
Mc Cartney, Jeffrey M.	ME	BE	2005	McDonald, Richard K.	CE	BE	1984
McCartney, Robert D.		BE	1956	McDonough, Brian J.	EUT	ATS	2005
McCauslin, Jeff R.	CE	BE	1975	McDonough, Mark W.	CE	BE	1998
McClain, Judith A.	Cmp.T.	AAS	1978	McDonough, Matthew J.	EE	BE	1993
McClain, Julia Alice	ME	BE	1990	McDonough, Patrick F.	EET	BSAS	1988
McClain, Mary E.	Ch.E.	BE	1984	McDonough, Shawn P.	EE	BE	1988
McClain, William C.	CE	BE	1972	Mc Dougal, Donald P.	CET	AAS	2003
McClay, Alice B.	Cmp.T.	AAS	1981	McDowall, William	DDT	AAS	1987
		BSAS	1983	McDowell, Lillie D.	Cmp.T.	AAS	1983
McClay, Scott Leroy	ME	BE	1974	McElhaney, William	EET	BSAS	1987
McCleery, Robert Y. III	EET	AAS	1973	McElroy, Douglas	DDT	AAS	1994
		BSAS	1993	McElroy, Jonathan W.	DDT	AAS	2003
McClellan, Randy J.	CE	BE	1980		CET	BSA	2005
McClelland, James T.	IE	BE	1974	McElroy, Kit C.	ME	BE	1986
McClelland, Buddy	EUT	ATS	2004	McElroy, Robert C.	ME	BE	1967
McClenden, Francesca M.	CE	BE	2004	McElroy, Steven R.	MET	AAS	1978
McClimans, Larry R.	EE	BE	1970	McElroy, Thomas D.	EE	BE	1969
McClimans, Robert L.	Cmp.T.	AAS	1986	McEver, Brenda S.	CE	BE	1998
McCliment, William J.	EET	BSA	1998	McEwan, Rodney M.	Cmp.T.	AAS	1987
McCluer, Micah	ME	BE	2003			BSAS	1993
McCluggage, Douglas R.	CET	AAS	1976	McFall, Cheryl A.	Cmp.T.	AAS	1981
		BSAS	1978	McFall, Robert Alan	ME	BE	1981
McClure, Thomas E.	MET	AAS	1996	McFarland, Amy S.	Ch.E.	BE	1991
		BSAS	1999	McFarland, John D.	CE	BE	1964
McClure, Tim	ME	BE	1993	McFarland, John D.	EE	BE	1964
McClurg, Timothy A.	Cmp.T.	AAS	1982	McFarland, Joseph J.	I&SE	BE	2007
		BSAS	1982	McFarland, Ralph H.	EE	BE	2003
McCollum, Robert	MET	BSAS	1992	McGaffic, Joseph A.	EE	BE	1958
McComb, Abram S.	EUT	ATS	2010	McGeary, John A.	MET	BSAS	1986
McComb, Ronald J.	MET	AAS	1976	McGill, Richard A.	ME	BE	1961
Mc Combs, Michael P.	ME	BE	2004	McGinley, Renee B.	Cmp.T.	BSAS	1988
McConahy, John G.	Cmp.T.	AAS	1982	McGinn, James M.	CE	BE	1968
McConnell, James C.	CE	BE	1991	McGinty, Robert P.	MET	BSAS	2001
McConnell, James J.	CE	BE	1969	McGirr, Randy N.	EET	AAS	2003
McConnell, William E.	EE	BE	1959	McGoogan, George D.	ME	BE	1958



McGowan, Charles	EET	BSAS	1987	McNeish, David J.	Mat.Sci.	BE	1983
McGowan, Charles R.	IE	BE	1958			MS	1987
McGrady, Tyler J.	CE	BE	2008	McNelis, Timothy S.	ME	BE	1993
McGranahan, Bruce E.	CET	BSAS	1977	McNicholas, David L.	CE	BE	2006
McGraw, Paul L.	MET	AAS	1981	McNinch, Michael D.	Ch.E.	BE	1991
		BSAS	1982		CE	MSE	2009
McGreal, Stephen P.	Ch.E.	BE	1986	McNorton, Shawn D.	MET	AAS	2006
McGrew, William G.	CET	BSAS	1988			BSAS	2007
McGuckin, Jan M.	Cmp.T.	AAS	1976	McPhilliamy, Scott C.	Ch.E.	BE	1965
McGuire, Bryon D.	ME	BE	2001	McQuillan, Virginia M.	Cmp.T.	AAS	1981
McGuire, Michael J.	CE	BE	1983	McSkimming, John W.	ME	BE	1951
McGuire, Michael T.	EET	AAS	1997	McVicker, Donald E.	Mt.E.	BE	1965
McGuire, Richard B.	EET	BSAS	1979	McVicker, Joseph E.	Mt.E.	BE	1963
McGuire, Thomas M.	ME	BE	1990			MS	1971
McGurgan, Gary D.	Ch.E.	BE	1988	Meade, Daniel Joseph	ME	BE	1966
McHattie, Brian	MET	BSAS	2003	Mealy, Larry E.	MET	BSAS	1981
McHenry, William P.	EE	BE	1986	Means, Steven A.	ME	BE	1968
McIe, William L.	CE	BE	2004	Means, Mark J.	EE	BE	1980
McInnis, Desiree	CET	AAS	2007	Measel, Ernest	EET	AAS	1993
McIntire, Kevin L.	MET	BSA	2009	Mechan, Deron M.	EE	BE	2003
McIntosh, Christen M	EET	AAS	2009	Mecozzi, Frank	EET	AAS	1980
McIntosh, Sandreka	EET	AAS	2006			BSAS	1988
	EET	BSA	2007	Meder, Michael J.	CE	BE	2010
McIntyre, Alfred C.	ME	BE	1950	Mediate, Anthony N.	IE	BE	1952
McIntyre, David Alan	ME	BE	1988	Mediate, Joe	ME	BE	1951
McIntyre, Kathy S.	MET	AAS	1981	Mediate, Rocco A.	ME	BE	1960
		BSAS	1983	Medrick, Lisa A.	Cmp.T.	AAS	1983
McIntyre, Mary	MET	BSAS	1989	Medvec, Daniel S.	ME	BE	1980
McKay, Dennis	MET	BSAS	1991	Medved, Tina M.	Ch.E.	BE	1990
McKay, James Daniel	ME	BE	1949	Medvitz, Robert J.	EE	BE	1975
McKee, H. Carl	CE	BE	1958	Meehan, Deron M.	EE	BE	2003
McKee, William E.	Ch.E.	BE	1993	Meek, Brian James	ME	BE	2008
McKendry, Jon T.	EE	BE	1986	Meeker, Holly A.	DDT	AAS	2002
McKenna, Michael J.	ME	MS	1988	Meelich, Steve M.	IE	BE	1969
McKenna, Peter M.	Cmp.T.	BSAS	1986	Meermans, Jan D.	CET	AAS	1977
McKenzie, Mark A.	EE	BE	1982			BSAS	1979
McKibben, Joshua H.	CET	BSAS	2004	Megla, William C.	EE	BE	1971
McKinney, Nicholas W.	EE	BE	2009	Mehle, Anthony A.	IE	BE	1962
McKinnie, Bruce C.	MET	AAS	1972	Mehler, Ralph William	ME	BE	1961
McKitrick, Michael Lee	EUT	ATS	2008	Mehra, Kewal Krishan	ME	MS	1970
McKnight, Coramarie	EET	AAS	1983	Mehta, Ashok C.	IE	BE	1969
McKnight, John F. Jr.	ME	BE	1971	Mehta, Prakash V.	ME	MS	1971
McLane, John C.	EET	AAS	1983	Mehta, Shailesh P.		BE	1971
		BSAS	1985	Meier, Thomas R.	Ch.E.	BE	1966
McLane, Robert Jr.	Mt.E.	BE	1961	Meigs, Donald E.	EE	BE	1951
McLaughlin, Dennis S.		BE	1981	Meikle, Thomas L.	ME	BE	2008
McLaughlin, Gladys V.	Ch.E.	BE	1960	Meilander, Joel M.	Cmp.T.	BSAS	1982
McLaughlin, James K.	EE	BE	1951	Melchert, Amethyst E.	ME	BE	2009
McLeod, Herbert E.	CE	BE	1953	Melder, David F.	CET	BSAS	1994
McLeod, Jason D.	CE	BE	1996	Mele, Vincent Anthony	ME	BE	1973
McLeod, Jeff T.	CE	BE	2004	Meleski, James V.	EE	BE	1968
McLure, Timothy M.	ME	BE	1993	Meleski, Matthew F. Jr.	ME	BE	1957
McMahan, Robert C.	EE	BE	1964	Melewski, Brian T.	EE	BE	2006
McMaster, Dustin J.	EET	AAS	2003	Melia, Michael A.	EET	AAS	1984
McMeans, Richard D.	ME	BE	1951	Melillo, Jerry P.	MET	AAS	1981
McMillin, Jack L.	EET	AAS	1982	Melillo, Ray T.	CE	BE	1956
		BSAS	1983	Mellott, David S.	EET	AAS	1984
McMillin, Gregory	Cmp.T.	BSAS	1993	Melnick, Alexander J.	ME	BE	1950
McMillin, Timothy E.	EET	BSAS	1982	Melnick, Christopher Michael	CE	BE	2008
McMorran, James C.	EET	AAS	1970	Melody, George W.	CE	BE	1963
McMurray, Edward M.	Mat.E	BE	1997		Cmp.T.	AAS	1986
McNally, Daniel F.	CE	BE	1977	Meloni, Robert R.	Cmp.T.	AAS	1975
		MS	1988		MET	BSAS	1977
McNally, James		AAS	1977	Meloni, Vincent J.	CE	BE	1970
		BSA	1979	Melrose, Donald C.	Ch.E.	BE	1955
McNally, Joseph E.		BE	1973	Melvin, Bryan A.	EE	BE	2005
McNally, Thomas M. Jr.	EET	AAS	1981	Menaguale, Donald P.	ME	BE	1967
		BSAS	1983	Menegos, Panagiotis D.	Ch.E.	BE	1966
McNamee, James W. Sr.	EE	BE	1966	Menexis, Michael Nick	ME	BE	1979
McNamee, Robert G.	EE	BE	1960	Menster, Edward H.	EE	BE	1951
McNeil, Arthur Paul	ME	BE	1951	Mentzer, Dawn	Cmp.T.	AAS	1991
McNeily, Leroy H.		AAS	1973	Mentzer, John W.	EET	AAS	2004

Meola, Jonathon R.	MET	BSAS	2006	Michael, Sean P.	EET	AAS	2002
Merana, Zachary J.	EE	BSAS	1986	Michaels, Joann F.	CE	BE	1980
Mercado, Ray P.	CET	BE	2010	Mickholtzick, Anthony	IE	BE	1968
		AAS	1977	Midgley, Ronald E.	CE	BE	1984
		BSAS	1988	Midland, Kenneth G.	ME	BE	1950
Mercer, Aaron R.	EUT	ATS	2010	Mielcarek, John	Cmp.T.	AAS	1990
Mercer, Albert W.	EE	BE	1952	Mientus, Bernard S.	Ch.E.	BE	1974
Mercer, Jared T.	CE	BE	2008	Mientus, Michael J.	MET	AAS	1981
Mercer, Justin M.	ME	BE	2007		ME	BE	1986
Mercer, Paul	EET	BSAS	1992	Migletz, Donald J.	CET	AAS	1971
Mercer, Ryan C.	ME	BE	2005		CE	BE	1973
Mercer, Thad R.	EUT	ATS	2005	Migletz, Gerald P.	ME	BE	1965
Merdic, Kenneth L.	EET	AAS	1981	Migliore, Mike D.	EE	BE	1987
Merdich, Brian J.	CE	BE	1978	Mihalcin, Bernard M.	CE	BE	1964
Merdich, Charles P.	ME	BE	1961	Mihalek, Heidi	CET	BSAS	2005
Merdich, Jeff J.	IE	BE	1989	Mihalich, John Jr.	ME	BE	1981
Merkel, William F.	EE	BE	1990	Mihalik, Joseph	CE	BE	1953
Merklin, Theodore L.	ME	BE	1975	Mihalik, Kenneth Allen	ME	BE	1983
Merlino, Christian	EET	BSAS	1989	Mihalik, Matt J.	EET	AAS	1985
Merola, Jeffrey D.	EE	BE	1990	Mihalik, Michael	CE	BE	1953
Merolla, Anthony S.	EE	BE	1983	Mihalko, Theodore G.	IE	BE	1973
		MS	1988	Mihalopoulos, Basilios	CE	BE	1988
Merrell, Charles D.	Cmp.T.	AAS	1972	Mihalopoulos, Gregory P.	EE	BE	1982
Merrell, Robert W.	IE	BE	1986	Mijic, Michael J.	IE	BE	1961
Merreot, David A.	EET	AAS	1981	Mika, Jillian A.	IE	BE	2006
		BSAS	1983	Mika, Stanley	EE	BE	1952
Merrill, Patrick C.	EUT	ATS	2007	Mikita, Mark A.	EET	B AAS	1980
Merrill, William H.	EE	BE	1972	Mikita, Wayne	EE	BE	1977
Merrin, Clay	CET	AAS	2007	Miklus, Michael J.	MET	AAS	1987
Mershimer, James F.	CE	BE	1962			BSAS	1991
Mershimer, Paul E.	CE	BE	1980	Miklus, Michael J.	Mat. Sci.	MS	1996
Mershimer, Robert J.	Ch.E.	BE	1973	Mikolay, Andrew S. Jr.	EE	BE	1979
Mershon, John W.	IE	BE	1950	Mikos, James	EET	BSAS	1982
Mertz, Harry C.	CE	BE	1980	Mikula, Christine L.	Cmp.T.	AAS	1985
Meser, John V.	EET	AAS	1987	Mikula, Kenneth P.	CE	BE	1985
		BSAS	1989	Mikula, Paul M.	IE	BE	1958
Meser, Karla	EET	AAS	1984	Mikulka, Mark D.	Ch.E.	BE	2003
		BSAS	1987	Milano, Sandra E.	ME	BE	1998
Mesmer, John J.	CET	AAS	1991	Mild, Edward E.	Mt.E.	BE	1968
		BSAS	1993	Milares, Janet L.	Cmp.T.	AAS	1978
Messina, Paul B.	ME	BE	1957	Milekovic, Ivan S.	EE	BE	1967
Messina, Salvatore	IE	BE	1963	Miles, Mark J.	CE	BE	1983
Messuri, Anthony P.	EE	BE	1977	Miles, Michael J.	CE	BE	1983
		MS	1979	Miles, Mollie A.	ME	BE	2005
Messuri, Dominic A.	EE	BE	1975	Miletta, David D.	MET	AAS	1981
		MS	1977	Milior, David	MET	AAS	1993
Messuri, Joseph A.	CE	BE	1980	Millard, Harry J. III	EE	BE	1961
Mesticelli, Anthony J.	DDT	AAS	1990	Miller, Adam D.	EE	BE	2004
Meszaros, Amy J.	ME	BE	1997	Miller, Aimee M.	EUT	ATS	2007
Metcalf, Michael R.	CE	BE	1998	Miller, Alex S.	Mt.E.	BE	1966
	C&E	MS	2000	Miller, Allen W.	ME	BE	1969
Metcalf, Raymond	Cmp.T.	AAS	1991	Miller, Amber M.	Ch.E.	BE	2003
Metroka, Michael P.	EE	BE	1976	Miller, Barry E.	IE	BE	1974
Mettenberger, Michael Joseph	EUT	ATS	2008	Miller, Brandon D.	AAS	MET	2008
Metz, Robert J.	MET	AAS	1982	Miller, Bruce C.	MET	AAS	2000
Metzinger, Gregory L.	MET	AAS	2006			BSAS	2002
		BSAS	2004	Miller, Charles H.	Ch.E.	BE	1971
Metzinger, Michael P.	ME	BE	1991	Miller, Charles R.	CET	AAS	1998
Metzinger, Thomas P.	CE	BE	1984	Miller, Chris D.	Ch.E.	BE	1990
Meyer, Robert J.	EE	BE	1998	Miller, Christopher R.	ME	BE	2009
Meyer, William J.	EET	AAS	2000	Miller, Connie L.	Cmp.T.	AAS	1984
Meyers, John D.	Ch.E.	BE	1988	Miller, Darla J.	Cmp.T.	BSAS	1986
Mezei, George E.	IE	BE	1968	Miller, David	MET	AAS	1992
Mezzara, Walter J.	CET	AAS	1973	Miller, David A.	EET	AAS	1986
Mica, Jillian A.	I&S	BE	2005			BSAS	1987
Micchia, Frank A. Jr.	Mt.E.	BE	1960	Miller, David E.	MET	BSAS	1996
Michael, Frederick W.	CE	BE	1964	Miller, David F.	ME	BE	1989
Michael, Jeffrey J.	ME	BE	2009	Miller, David P.		AAS	1971
Michael, Joseph G.	EUT	ATS	2009	Miller, David W.	ME	BE	1977
Michael, Patrick D.		BE	1977	Miller, Derek	Ch.E.	BE	2010
Michael, Robert W.	EET	AAS	1983	Miller Jr, Donald Dean	EE	BE	2008
		BSAS	1989	Miller, Donald J.	IE	BE	1962

Miller, Donald J.	CE	BE	1975	Minzer, Walter R.	ME	BE	1965
Miller, Edward	MET	AAS	1990	Miodrag, Milos	EE	BE	1977
		BSAS	1990	Miokovic, Nicholas R.	Cmp.T.	AAS	1976
Miller, Edward G.	ME	BE	1969	Mirage, Lewis J.	EE	BE	1960
Miller, Frank J.	EE	MS	1979	Miranda, Alberto E.	CET	AAs	2008
Miller, Garry E.	IE	BE	1973	Miranda, Guy J.	Mt.E.	BE	1972
Miller, Herschel D.	ME	BE	1963	Mirdamadi, Hossein S.	ME	MS	1977
Miller, James R.	ME	BE	1966	Mirdamadi, Massoud	ME	MS	1979
Miller, Jeffrey L.	EE	BE	1984	Mirdamadi, Mehdi Z.	Mt.E.	MS	1975
Miller, John E.	IE	BE	1972	Mirdamadi, Mohsen Z.	Mat.Sci.	MS	1977
Miller, John F. Jr.	CE	BE	1980	Mirdamadi, Mohammad R.	ME	BE	1981
Miller, Kathryn D.	IE	BE	1990	Mirich, Delores G.	Cmp.T.	AAS	1970
Miller, Kenneth C.	EE	BE	1981	Mirkovich, George	EE	BE	1950
Miller, Leslie E.	EET	AAS	1976	Mirto, Lawrence	IE	BE	1957
Miller, Mark D.	Cmp.T.	AAS	1984	Mirza, Ihsan	CE	BE	1987
		BSAS	1986	Mirza, Imran H.	CE	BE	1997
Miller, Max W.	IE	BE	1966		I&SE	MS	1999
Miller, Michael M.	EUT	ATS	2009	Mirzai-Tehrani, Hossein	Ch.E.	BE	1992
Miller, Michael S.	Cmp.T.	BSAS	1985	Mirzakhani, Gholam A.	CET	BSAS	1982
Miles, Mollie A.	ME	BE	2005	Misaghian, Hamid R.	CE	BE	1980
Miller, Nathan R.	EUT	ATS	2005			MS	1981
Miller, Norman E.	CE	BE	1964	Misevski, Robert	EE	BE	2004
Miller, Paul A.	EE	BE	1998	Misik, Anthony	EET	BSAS	1991
Miller, Richard W.	ME	BE	1954	Miskovch, Joseph J. Jr.	EET	BSAS	1976
Miller, Robert J.	EET	BSAS	1979	Mislay, Terry A.	Cmp.T.	AAS	1984
Miller, Robert R.	ME	BE	1950			BSAS	1986
Miller, Russell S.	Cmp.T.	BSAS	1983	Misoni, John E.	IE	BE	1971
Miller, Ryan T.	MET	AAS	2003	Missek-Gaffney, Lisa	ME	BE	1997
		BSAS	2003	Missos, John	Cmp.T.	AAS	1991
Miller, Samuel C.	ME	BE	1962	Mistak, John P.	EE	BE	2002
Miller, Scott C.	EE	BE	1985	Mistovich, Elizabeth	Cmp.T.	AAS	1992
Miller, Steven G.	EET	BSAS	1982	Mistovich, Stephen A.	EUT	ATS	2008
Miller, Steven J.	ME	BE	2008	Mistovich, Robert J.	EUT	ATS	2002
Miller, Terence J.	CET	AAS	1982	Mitchell, James A.	MET	AAS	1996
		BSAS	1984			BSAS	1999
Miller, Terry Wayne	ME	BE	1973	Mitchell, Richard M.	EET	AAS	1983
Miller, Thomas J.	EET	AAS	1986	Mitchell, Robert Lee		B.E	1962
Miller, Thomas J.	Cmp.T.	AAS	1976	Mitrovich, Ronald	EET	AAS	1991
		BSAS	1977	Mixer, James	MET	BSAS	1990
Miller, Vicki K.	Cmp.T.	AAS	1983	Mlynar, Robert M.	EET	BSAS	1987
		BSAS	1986	Moccia, Mark	ME	BE	2004
Miller, Walter H.	EET	BSAS	1985	Mocker, George F. III	IE	BE	1968
Millich, John R.	Cmp.T.	BSAS	1986	Modany, John A.	MET	BSAS	1980
Milligan, James E.	CE	BE	1988	Mody, Shirish N.		MS	1970
Milliron, Robert J.	DDT	AAS	1997	Moeinzadeh-Hosseiny, Manssour	ME	BE	1973
Milliron, Shawn	MET	AAS	1989			MS	1975
		BSAS	1990	Moellendick, Matthew B.	CET	BSA	1998
Mills, James Richard	ME	BE	1954	Moenich, John T.	EET	AAS	2002
Mills, James S.	CE	BE	1997	Moff, Scott Lee	ME	BE	1987
Mills, Ryan T.	EUT	ATS	2010	Moffitt, Brent A.	ME	BE	2001
Mills, Sandra L.	Cmp.T.	BSAS	1979	Moghanipour, Mohammad A.	CE	MS	1986
Milnar, Edward F.	IE	BE	1971	Mohager, Mohammad R.		BE	1980
Milne, Jeffrey Scott	ME	BE	1983	Mohammad, Wasif M.	CE	MS	1993
Milush, David J.	I&SE	MSE	2009	Mohammadi, Farzaneh		AAS	1981
Minadeo, Scott R.	I&SE	BE	2007			BSA	1983
Mincher, Derek L.	EE	BE	1989	Mohammadi, Hamid R.	CE	BE	1988
Mincher, Rachel	CE	BE	2009	Mohr, Robert K.	Ch.E.	BE	1979
Mincher, Trevor J.	EET	AAS	1973	Mohsen, Sana	CE	BE	1987
Minchin, William	Cmp.T.	AAS	1984	Molinaro, David	EET	BSAS	1990
Mindek, Gary	EET	BSAS	1989	Molish, Ronald S.	Cmp.T.	AAS	1984
Mingo, Thomas H.	EET	AAS	1980			BSAS	1986
Minkler, Robert N.	EET	AAS	1986	Moliterno, Louis J.	EE	BE	1964
		BSAS	1988	Mollenkopf, Robert L.	IE	BE	1975
Minkus, Daniel	EET	BSAS	1988	Molnar, John T. Sr.	CE	BE	1965
Minner, Donald F.	EE	BE	1963	Molnar, John A.	Ch.E.	BE	1986
Minnick, John H.	EE	BE	1979	Momin, Rajahusen		BE	1972
Minnick, Martin D.	EE	BE	1956	Monaco, Sandy E.	EE	BE	1952
Minor, Dwight	EUT	ATS	2010	Mondok, James J.	CET	AAS	1986
Minor, Jeremy E.	ME	BE	2010	Mondok, Lawrence	Cmp.T.	BSAS	1989
Minor, Lawrence M.	EE	BE	1999	Mondora, Kimberly M.	CE	BE	1990
Minton, Carl H.	ME	BE	1957	Mondora, Mark S.	CE	BE	1995
Minton, Paul Henry	ME	BE	1986	Mondora, Myron S. Jr.	CE	BE	1964

Monico, Guy J.	EE	BE	1960	Morello, Thomas G.	ME	BE	1983
Monks, Eugene S.	EE	BE	1961	Moretti, Eugene D.	IE	BE	1971
Monokandilos, Anthony	Mt.E.	BE	1969	Morgan, Colette Y.	Cmp.T.	AAS	1982
Montagna, Gary	EET	AAS	1995	Morgan, Earl Paul	ME	BE	1955
Montagna, Gary M.	EET	BSAS	2001	Morgan, Gary	MET	BSAS	1990
Montalvo, Anthony M.	Ch.E	BE	1996	Morgan, James	CCET	AAS	2009
Montazeri, Hossein	Ch.E.	BE	1985		CCET	BSA	2009
Montgomery, Eric	MET	BSAS	1989	Morgan, Lawrence A.	IE	BE	1972
Montgomery, Eric W.	EE	BE	2004	Morgan, Paul R.	Cmp.T.	AAS	1975
Montgomery, Robert A.	ME	BE	1962	Morgan, Phillip G.	Ch.E.	BE	1988
Montlick, James A.	MET	AAS	1978	Morgan, Richard D.	DDT	AAS	1979
Monus, Matthew P.	CE	BE	2004	Morgan, Ronald L.	Ch.E.	BE	1964
Moody, Donald P.	EE	BE	1976	Morgan, Russell J.	Ch.E.	BE	1974
		MS	1977	Morgan, William C.	EE	BE	1980
Mook, Joseph W.	CCET	BSA	2009	Morgan, William V.	EE	BE	1979
Mook, Robert W.	CET	BSAS	1979	Morgan, William W.	Mt.E	BE	1976
Moore, Brandon Michael	ME	BSAS	2008	Morgenstern, James R.	Cmp.T.	AAS	1974
Moore, Carol A.	Cmp.T.	AAS	1983	Moritz, Ashley E.	CET	BSA	2008
Moore, Charles C.	Cmp.T.	AAS	1982	Moritz, John	EET	AAS	1991
Moore, David A.	CET	BSAS	1985	Moritz, John Charles	ME	BE	1973
Moore, David J.	Mat.Sci.	BE	1975	Moritz, Michael J.	CET	AAS	1992
		MS	1978	Morlan, Robert M.	EE	BE	2007
Moore, David L.	Ch.E.	BE	1977	Morley, Thomas Joseph	ME	BE	1942
		BE	1977	Morocco, Frank	EET	AAS	1974
Moore, Edwin L.	EET	AAS	1987	Morris, David E.	EET	AAS	1983
	EET	BSA	2009	Morris, David E.	CE	BE	1985
Moore, Halley Marie	CHE	BE	2008	Morris, David F.	CE	BE	1991
Moore, Harold Eugene		BE	1950	Morris, Grant M.	EE	BE	1958
Moore, James H.	EE	BE	1967	Morris, Louis	EE	BE	1953
Moore, James R.	EE	BE	1978	Morris, Michael	MET	AAS	1993
Moore, John Francis	ME	BE	1957	Morris, Paula	Cmp.T.	BSAS	1990
Moore, Kimberly V.	Ch.E.	BE	1986	Morris, Robert Daniel	EE	BE	1948
Moore, Larry	MET	AAS	1990	Morris, Violet A.	EE	BE	1948
		BSAS	1993	Morrison, Courtney L.	CE	BE	2005
Moore, Laurie J.	Ch.E.	BE	1977	Morrison, Ronald D.	CET	AAS	1989
Moore, Linda M.	IE	BE	1984			BSAS	1990
Moore, Margaret	IE	BE	1956	Morrison, Vince A.	EE	BE	1987
Moore, Matthew D.	EUT	ATS	2009	Morrison, Warren H.	EE	BE	1968
Moore, Melodee	MET	AAS	1977	Morrissey, Donald R.	EE	BE	1956
		BSAS	1979	Morrone, Angel A.	EE	BE	1989
Moore, Robert F.	Cmp.T.	AAS	1983	Morrone, Chris J.	ME	BE	2001
		BSAS	1985	Morrone, Ralph C.	ME	BE	2001
Moore, Scott	MET	AAS	1992	Morrow, Andrew W.	CE	BE	2007
		BSAS	1993	Morse, David C.	CE	BE	1974
Moore, Scott D.	DDT	AAS	2003	Morse, Ernest F.	CET	AAS	1996
Moore, Timothy J.	EUT	ATS	2010		MET	BSA	1999
Moore, Travis E.	ME	BE	2005	Mortaro, Samuel	EET	AAS	1977
Moore, William Earl	ME	BE	1988	Mortazavi, Daryoush	EE	BE	1982
Moorhead, Lori A.	Cmp.T.	AAS	1981	Mortellaro, Aleisa	EET	BSAS	1995
Moosally, Arthur A.	ME	BE	1954	Mortland, Bruce L.	Cmp.T.	BSAS	1984
Mootz, Karen L. K.	Ch.E.	BE	1982	Moschella, Robert L. Jr.	Cmp.T.	AAS	1987
Mora, Daniel C.	MET	BSAS	2006	Moser, Daniel H.	ME	BE	1955
Moracco, Jeffrey	EET	AAS	2002	Moser, George W.	ME	BE	1951
		BSAS	2007	Moser, Jeffrey James	EUT	ATS	2008
Morales, Hector J.	CET	BSAS	1986	Mosher, Thomas E.	CE	BE	1963
Morales, Melissa	Cmp.T.	AAS	1991	Mosko, Edward W.	EE	BE	1984
Moran, Crispin B.	CE	BE	2007	Mosko, Matthew A.	ME	BE	2007
Moran, David Lee	ME	BE	1975	Mosley, James M.	CET	AAS	1974
Moran, Martin E.	CE	BE	1960	Moss, Edward E.	I&SE	MS	2007
Moran, Matthew Emmett	ME	BE	1985	Mossayebi, Faramarz	EE	BE	1981
Morar, George E.	CE	BE	1988			MS	1990
Mordocco, Gino D.	MET	BSAS	2004	Mossayebi, Faramarz	ME	MS	1987
Morell, Gino J.	CE	BE	1994	Mossman, Lorne C.	ME	BE	1987
Morell, Peter A.	EE	BE	1984	Mossman, Robert G.	CE	BE	1984
Morell, Thomas Neil	EUT	ATS	2008	Mostofizadeh, Janet K.	Ch.E.	BE	1987
Morella, Alan T.	Ch.E.	BE	1981	Mostofizadeh, Saeed	CE	BE	1985
Morella, Rozanne	Cmp.T.	AAS	1977	Mostrog, Gerald J.	ME	BE	1962
		BSAS	1979	Mosure, David J.	CE	BE	1983
Morella, Samuel F. Jr.	CE	BE	1983	Mosure, Thomas E.	CE	MS	1985
Morelli, Anthony J.	EE	BE	1963	Mosure, Thomas F.	CE	BE	1956
Morelli, Jerry A.	EE	BE	1997	Motakef, Ali	EE	BE	1984
Morello, John Raymond	ME	BE	1983			MS	1987

Motakef, Anoshiravan	Cmp.T.	BSAS	1993	Murphy, Dennis	Cmp.T.	AAS	1993
Mothersbaugh, Jeffrey L.	MET	BSAS	1984	Murphy, Kathleen	MET	AAS	1992
	MET	AAS	1979			BSAS	1994
Mothfer, Mohammad E.	C&E	BE	2004	Murphy, Robert D.	EE	BE	1987
	C&EE	MS	2006	Murphy, Ryan P.	CE	BE	2006
Motok, John D. Sr.	IE	BE	1956	Murphy, Thomas M.	CET	AAS	1985
Mott, Melissa A.	Ch.E	BE	2005			BSAS	1988
Mott, Thomas B.	EE	BE	1994	Murray, Daniel M.	EET	AAS	1973
Moumneh, Jihad F.	CE	BE	1986			BSAS	1976
		MS	1988	Murray, David J.		BE	1995
Mount, Jeremiah William	ME	BE	2008	Murray, Eric D.	IE	BE	1989
Moussa, Bashar E.	CE	BE	1988	Murray, James E.	CET	AAS	2006
Moutassem, Imad A.	CET	BSAS	1984	Murray, Roger Allen	ME	BE	1961
Mowry, Kurtis D.	EET	AAS	1998	Murrin, Jared Seth	EUT	ATS	2008
Mowry-Doane, Marsha J.	Cmp.T.	AAS	1983	Murry, Tyrone D.	EE	BE	2007
Moy, Kim Ping	EE	BE	1971	Muscarella, Dean	EET	AAS	1992
		MS	1973			BSAS	1992
Moy, Kin Wah	ME	BE	1970	Musgrove, Richard E.	ME	BE	1969
		MS	1972	Muskoff, Paul W.	EET	AAS	2002
Moy, Stephen S.	EE	BE	2010			BSAS	2004
Moyer, Denise L.	Ch.E.	BE	1980	Musial, John J.	MET	BSAS	1984
Moyer, Robert H.	IE	BE	1960	Musial, Mark V.	CET	BSAS	1986
Moyer, Ronald	Cmp.T.	AAS	1973	Musial, Nancy J.	Cmp.T.	AAS	1983
Moyer, William C.	Ch.E.	BE	1967			BSAS	1984
Mozina, Frank J.	Mt.E.	BE	1964	Music, Bonnie J.	Cmp.T.	AAS	1982
Mrakovich, Matthew S.	ME	BE	1997			BSAS	1983
Mrofchak, Paul	EET	BSAS	1992	Musick, Joseph A. Jr.	IE	BE	1975
Mrofchak, Todd P.	EUT	ATS	2010				
Mrosko, John M.	EUT	ATS	2010	Muskoff, Paul W.	EET	AAS	2002
Mrvelj, Joshua J.	CE	BE	2001			BSA	2004
Mucci, Richard V.	EE	BE	1976	Musmanno, Anthony	EET	AAS	1979
Muccillo, Edwin J.	CE	BE	1994			BSAS	1983
Muccillo, Edwin J.	EE	BE	1953	Musolf, Dale W.	MET	BSAS	1978
Muck, Paul S.	EET	BSA	1995	Musolino, Anthony J.	ME	BE	2007
Mudgar, Jacob J.	EE	BE	2004	Muszik, Jerard D.	Ch.E.	BE	1982
Mudryk, Bryan	Cmp.T.	AAS	1992	Muszik, Robert A.	CET	AAS	1992
Muhleman, Barry	Mt.E.	BE	1965	Mutar, Emad J.	MET	AAS	1987
Muir, Carla J.	EET	AAS	1983			BSAS	1987
		BSAS	1984	Mutch, Robert E.	IE	BE	1968
Mukherjee, Awirban B.	ME	MS	1996	Muth, Myron C.	Mt.E.	BE	1968
Mularchik, Joanna M.	Ch.E	BE	2000	Muthiah, Richard	ME	BE	1959
Mulichak, Brian M.	EE	BE	1995	Mwangi, Antony	CET	AAS	2003
Mulichak, Craig J.	CE	BE	2001			BSAS	2004
Mulidore, Christopher A.	IT	BSAS	2008	Myers, Charles F.	EET	AAS	1974
Mullen, James A. Jr.	EE	BE	1971	Myers, David A.	MET	AAS	1984
Mullett, Helena A.	MET	AAS	1998			BSAS	1985
		BSAS	2001	Myers, Frank V.	EE	BE	1984
Mullins, Paul C.	Cmp.T.	AAS	1974	Myers, George Edwin	EE	BE	1948
		BSAS	1977	Myers, James L.	MET	AAS	1977
Mullins, Paul Michael	ME	BE	1979			MS	1987
Mullner, Frederick	C&EE	MS	2002	Myers, Jason C.	EET	AAS	2001
Multari, Reynald J. Jr.	DDT	AAS	1985			BSAS	2006
	CET	BSAS	1995	Myers, Joseph R.	EE	BE	1977
Mumford, Lisa A.	IE	BE	1992	Myers, Lee Edwin	ME	BE	1966
Munguia, Wilfredo	EE	BE	2005	Myers, Richard A.	EUT	ATS	2007
Munholand, Caleb J.	ME	BE	2003	Myers, Richard L.	MET	AAS	1985
Munholand, Laura A.	Ch.E.	BE	1999	Myers, Richard S.	Cmp.T.	AAS	1984
Munholand, Luke E.	Ch.E.	BE	1997			BSAS	1990
Muniz, Benjamin Leslie	EUT	ATS	2008	Myers, Virginia M.	ME	BE	1988
Munn, William C.	CE	BE	1951	Nachin, Janice A.	Cmp.T.	AAS	1978
Munroe, Timothy R.	Mt.E.T.	AAS	1974	Nachim, Paul M.	EE	BE	1989
Muoio, Louis	EET	BSAS	1990	Nackino, Anthony J.	ME	BE	1990
Murar, Bernard J.	IE	BE	1987	Nackino, Ralph A.	ME	BE	1966
Murar, Joseph M.	CE	BE	1969	Nadasky, Thomas M.	ME	BE	1988
Murar, Linda M.	Cmp.T.	AAS	1971	Nadig, Michael E.	CET	BSAS	1985
Murberger, James S.	Mt.E.T.	AAS	1972	Nader, Edward M.	IE	BE	1959
Murcko, Frank J. Jr.	ME	BE	1989	Nadzam, Lisa M.	Cmp.T.	AAS	1987
Murdoch, Suzanne	Cmp.T.	AAS	1984	Nagaraja, Mavin V.	ME	MS	1972
Murdy, Timothy	EET	AAS	1995	Nagati, Rashed N.	Mt.E.	MS	1972
Muresan, David	CE	BE	1966	Nagel, Kenneth J.	EE	MS	1993
Murphy, Charles J.	EE	BE	1978	Nagy, Alice A.	Cmp.T.	AAS	1983
Murphy, Daniel P.	Mt.E.	BE	1961	Nagy, James M.		BE	1972

Nagy, James P.		BE	1957			BSAS	1985
Nagy, Kenneth Robert	ME	BE	1973	Neji, Karim	C&EE	MS	2003
Nagy, Michael J.	EET	AAS	1994	Neider, Jonathan J.	CET	BSA	2009
Nagy, Michael C. Jr.	Ch.E.	BE	1995	Neider, William D.	CET	AAS	1997
Nagy, Robert E.	Mt.E.	BE	1963			BSAS	2001
Nahhas, Wathek F.	CE	BE	1981	Neidhart, Douglas Alan	ME	BE	1973
Nahrawi, Kamarul B.	CE	BE	1987	Neidlinger, Robert E.	EE	BE	1996
Naji, Karim	CE	MS	2003	Neilan, John B.	EUT	ATS	2007
Nakley, Dominic	EE	BE	1980	Neill, Robert	EET	AAS	1999
Nakley, Leah M.	CHE	BE	2008			BSAS	2001
Nakley, Thomas J.	CE	BE	1958	Neiss, Brian M.	EUT	ATS	2009
Nakoneczny, William	Cmp.T.	AAS	1973	Nelson, Donald E.	IE	BE	1951
Nalbach, Pete C.	EET	AAS	1983	Nelson, John P.	Cmp.T.	AAS	1983
		BSAS	1984	Nelson, Veda R.	Cmp.T.	AAS	1987
Namesnik, Frank M.	EE	BE	1963	Nelson, William K.	CET	AAS	2004
Namish, Nicole L.	Ch.E.	BE	1999	Nelvagal, Badrinath	EE	MS	1987
Nandavisai, Chanos	EE	MS	1991	Nemcosky, Bruce A.	Cmp.T.	BSAS	1985
Nanes, George	IE	BE	1949	Nemergut, Bradley T.	Ch.E.	BE	1985
Nanowsky, John P.	EE	BE	1966	Nemergut, Daniel P.	EE	BE	2010
Naple, Thomas J.	EE	BE	1960	Nemergut, Michael T.	EUT	ATS	2007
Naples, Andrew G.	ME	BE	2006	Nemergut, Michael T.	ME	BE	2000
Naples, Karen J.	CET	AAS	2000	Nemet, Michael T.	EE	BE	1973
		BSAS	2000	Nemeth, Judith Ann	ME	BE	1981
Naples, Phillip R.	EET	AAS	1983	Nemtz, Lisa M.	EE	BE	1998
Napolitan, Carman L.	CE	MS	1976	Nentwick, Daniel R.	EUT	ATS	2010
Napolitan, Jody A.	CE	BE	1979	Nephew, Catherine A. A.		BE	1982
Napolitan, Raymond S. Jr.	CE	BE	1979	Nephew, David Seward Sr.	EE	BE	1951
Napolitano, Neil	CE	BE	2000	Nesbitt, Richard	EET	AAS	1993
Naqvi, Iqbal M.	EE	BE	1960	Nespeca, Nicholas A.	I&SE	BE	1997
Narvani, Samad	CE	BE	1976	Nesper, Robert M.	EET	AAS	1979
Naser, Mazen J.		BE	1976	Nestor, Charles R.	ME	BE	1967
Naser, Monjed J.	Cmp.T.	BSAS	1983	Nestor, James P.	EE	BE	1950
Nash, Burlyn Dean	ME	BE	1985	Nestor, Michael H.	Cmp.T.	AAS	1972
Nass, Edwin B.	EE	BE	2000	Neuant, Thomas	EET	AAS	1989
Nass, Harry H.	ME	BE	1968	Neuman, Charles J.	MET	AAS	1983
Nassar, Joseph M.	CE	MS	1989	Neveu, James C.	Ch.E.	BE	1972
Nassar, Nizar A.	BE	BE	1984	Neveu, Pamela F.		BE	1975
		MS	1987	Neville, Eric R.	EUT	ATS	2010
Nasser, Hashim M.	EE	BE	1981	Neville, Jason L.	CE	BE	2001
Nasser, Khalid	Cmp.T.	AAS	1991	Nevinsky, Michael	EE	BE	1951
Nasseri, Iraj	CET	BSAS	1989	New, Harold J.	IE	BE	1958
Nassersharifi, Hooman	ME	BE	1981	Newberry, Robert J.	Ch.E.	BE	1984
Nastase, John T.	EET	AAS	1980	Newborn, Jerry E.	CET	AAS	1973
		BSAS	1984			BSAS	1976
Nastasi, Alan C.	ME	BE	1999	Newbrough, James L.	EE	BE	1981
Nastasi, John D. Jr.	EE	BE	1978	Newell, Kevin D.	MET	AAS	2002
Nastasy, Joseph D.	ME	BE	1952			BSAS	2004
Natale, Paul C.	EET	AAS	1983	Newell, William E.	EE	BE	1953
		BSAS	1985	Newman, Robert M.	MET	BSAS	1997
Nataraj, Punyakotti	EE	MS	1988	Newman, Russell Duane	ME	BE	2008
Nation, David G.	ME	BE	1998	Newmeyer, Craig M.	ME	BE	1992
Natoli, Frank J. Jr.	IE	BE	1983	Newton, Daniel A.	EE	BE	2005
Natzic, Joseph S.	CE	BE	1964	Newtzie, Larry P.	EET	AAS	1981
Navarra, Robert F.	EE	BE	1996	Nezdoba, Jesse E.	EE	BE	2010
Navolio, David W.	ME	BE	1985	Nguyen, Chanh N.	EET	BSAS	1987
Nawaz, Shahid M.	CE	BE	1996	Nguyen, Dinh N.	EE	MS	1991
Naylor, Gary Robert	ME	BE	1975	Nguyen, Sam	Cmp.T.	AAS	1993
Naypaver, John K.	CET	BSAS	1975	Nicalek, Richard A.	EE	BE	1977
Ndaira, Raymond B.	EE	BE	1991	Nicastro, Angela M.	Ch.E.	BE	1999
Neal, Larry W.	EE	BE	1979	Nicastro, Larry J.	EET	AAS	1976
		MS	1988			BSAS	1979
Neale, Michael L.	CET	AAS	1997	Nichols, David P.	DDT	AAS	2000
Necastro, Joseph A.	CE	BE	1983		CET	BSAS	2005
Nedreberg, Eric R.	Mat.Sci.	BE	1993	Nichols, Michael	EET	BSAS	1993
Needham, Robert E.	ME	BE	1950	Nichols, Vincent P.	Mat.Sci.	MS	1994
Neely, Cheryl A.	EET	AAS	1984	Nicholson, Kimberly A.	Cmp.T.	AAS	1984
Neely, Thomas E.	EET	AAS	1986	Nicholson, William E.	IE	BE	1985
Neely, Vinton Ellinger	ME	B.S.	1950	Nick, John	Cmp.T.	AAS	1991
Neemeh, Abdelkarim H.	CE	BE	1981	Nickel, David A.	ME	BE	1991
		MS	1986	Nickerson, Kenneth N.	Mt.E.	BE	1974
Neff, Charles P.	EE	BE	1972	Nickerson, Richard A.		BE	1975
Negro, David E.	CET	AAS	1982	Nicola, Elbert J. Jr.	EE	BE	1960

Nicolau, Nick G.		BE	1955	Novak, David E.	Cmp.T.	AAS	1977
Nider, Charles	ME	BE	1963			BSAS	1981
Niemi, John M.	DDT	AAS	1996	Novak, Gary S.	EE	BE	1975
Nigro, Debra L.	Cmp.T.	AAS	1983	Novak, James P.	Ch.E.	BE	1975
		BSAS	1986	Novak, John C.	Ch.E.	BE	1959
Nigro, Joseph J.	MET	AAS	2008	Novak, Kenneth R.	EET	AAS	1986
	MET	BSA	2009	Novak, Ladislav J.	CE	BE	1961
Nigut, Thomas J.	Cmp.T.	AAS	1971	Novak, Melvin A.	ME	BE	1967
Nikmanesh, Ali	CE	BE	1982	Novak, Michael J.	EE	BE	1965
Nikpeyman, Kazen	MET	BSAS	1983	Novak, Michael R.	EE	BE	1989
	ME	MS	1985	Novak, Michael R.	EE	MS	1996
Nilsson, Vincent Nils	EE	BE	1954	Novak, Norman G.	Cmp.T.	BSAS	1978
Nimri, Majid S.	CE	BE	1967	Novak, Paul George	EE	BE	1951
Nissley, Kyle G.	EUT	ATS	2010	Novak, Russ A.	MET	BSAS	1985
Nist, David Alan	ME	BE	1971	Novak, Thomas S.	Ch.E.	BE	1970
Niswonger, Timothy	EET	AAS	1989	Novelli, Thomas	Cmp.T.	AAS	1991
Nitch, Ronald C.	IE	BE	1971	Novicky, Jill	CE	BE	2004
Nivert, Joseph J.	Ch.E.	BE	1968	Novicky, Joseph J.	Cmp.T.	AAS	1982
Njada, Mahmoud M.	ME	MS	1994			BSAS	1984
Noble, Dean L.	Ch.E.	BE	1984			BE	1994
Noble, John D.	EET	AAS	1998	Novisky, Kristen L.		BE	1978
		BSAS	1999	Novosel, David	EE	BE	2008
Noble, Kevin P.	Ch.E.	BE	1982	Novonty, Daniel J	IT	AAS	1971
Noble, Paul D.	Cmp.T.	AAS	1972	Novotny, Dennis J.	MET	AAS	1994
Noble, Richard	MET	AAS	1990	Novotny, Gregory	CE	BE	1971
Nocera, Carl D.	IE	BE	1962	Novotny, James T.	Cmp.T.	AAS	1979
Nochta, Joseph R.	EET	AAS	2000	Novotny, Jeffrey P.	Ch.E.	BE	1989
Nock, Thomas	CET	AAS	2002	Novotny, Mark	MET	BSAS	2007
		BSAS	2004	Novotny, Matthew R.	PPT	ATS	1971
Noderer, Douglas G.	EE	BE	1965	Nowroozi, Bahman S.		BE	1983
Noe, Robert W.	EE	BE	1991	Nunamaker, David A.	Ch.E.	BE	1992
Noga, John Joseph	Mt.E.	BE	1951	Nunamaker, James P.	EE	BE	2000
Nolan, Richard P.	IE	BE	1975	Nunziato, Gerald A.	CE	BE	1967
Noland, Robert K.	EET	AAS	1976	Nurkiewicz, Ken S.	IE	BE	1961
Nold, Daniel O.	EE	BE	1986	Nusief, Abbass M.	CE	BE	1989
Nold, David Andrew	ME	BE	1984	Nuss, David Allan	ME	BE	1987
Nold, Derek Z.	ME	BE	1996	Nuttall, Thomas C.	DDT	AAS	2008
Nolfi, Anthony F.	ME	BE	2005	Nutter, Joshua Stephen	EET	BS	1987
Noll, Mae F.	Cmp.T.	AAS	1979	Nutter, Keith E.	CE	BE	1976
Noll, Margaret J.	Cmp.T.	AAS	1973	Nuzzie, Lewis J.	EET	AAS	1979
		BSAS	1978			BSAS	1985
Nontanakorn, Dusit	CE	BE	1968	Nuzzo, Anthony P.	EET	BSAS	2007
Nontanakorn, Krisda		BE	1972	Nyamusevya, Leonard	EE	MS	1972
Noonan, Dolores J.	Ch.E.	BE	1963	Nybell, Douglas H.	IE	BE	1989
Noorahmadyar, Sedig M.	EET	BSAS	1986	Nyers, Elizabeth J.	CE	BE	1976
Nordquist, James A.	CE	BE	2000	Nyers, John M.	Ch.E.	BE	1975
Norge, Matthew J.	ME	BE	2010	Nyers, Judith M.		BE	1977
Norling, Samuel A.	ME	BE	1983	Nyers, Michael L.	Ch.E.	BE	1977
Norman, Judith	CE	BE	1963	Oakley, Robert R.	EE	BE	1989
Norman, Robert E.	CET	AAS	1998	Oates, Joseph	DDT	AAS	1941
		BSAS	2007	Obenauf, Frederick H.	ME	B.S.	1959
Norouzi, Mahmoud R.	Ch.E.	BE	1977	Obendorfer, John E.	ME	BE	1998
Norris, Derek W.	Ch.E.	BE	1999	Oberhouse, Kevin L.	CE	BE	1999
Norris, John S. Jr.	MET	BSAS	1987	Obhof, Frank J.	CE	BE	1978
Norris, Wayne W.	EET	AAS	1986	Oblinger, Bonnie G.	EE	BE	1988
Northness, Stephanie L.		BE	1989	Obman, James	MET	BSAS	1993
Norton, Jerald M.	EE	BE	1984	O'Brien, Daniel	EET	BSAS	1989
Norton, Michael J.	CE	BE	1979	O'Brien, Patrick	Cmp.T.	AAS	1991
Nosek, Mark G.	EET	AAS	1976			BSAS	1982
		BSAS	1977	O'Connell, Brien	EET	AAS	1986
		BE	1978			BE	1990
Noshad, Farokh	ME	MS	1983	O'Connell, Laura L.	IE	BE	1971
Nosich, Gary P.		AAS	1977	O'Connell, Patrick J.	EE	BE	1978
Notareschi, E. Vince	Cmp.T.	AAS	1970	O'Connell, Timothy G.	ME	BE	1981
Nottingham, Daniel M.	MET	BSAS	1985	O'Connell, William E.	EET	AAS	1990
Nottingham, Scot J.	MET	BSAS	1987	O'Dea, Shawn	Cmp.T.	BSAS	1972
Notzen, Randall A.	EET	AAS	1982	Odom, James L.	EET	AAS	1975
	EE	BE	1984			BSAS	1972
Nourae, Nader	ME	BE	1981	Odom, Ronald C.	EET	AAS	1971
Novacich, Gerald E.	ME	BE	1968	O'Donnell, Mark A.	IE	BE	2003
Novacich, Kenneth J.	ME	BE	1964	O'Donnell, Robert W.	CET	BS	1988
Novack, Lawrence	Cmp.T.	BSAS	1989	O'Donnell, Theodore P.	CE	BE	1983
				O'Donnell, Thomas P. IV	Cmp.T.	AAS	1983

O'Driscoll, Loretta	Cmp.T.	AAS	1988	Oravitz, Vincent	EET	BSAS	1994
Ogbonna, Antoine I.	EE	BE	2008	Orban, Kinga	I&SE	BE	2004
Ogden, Robert M.	EET	AA	1998	Orchard, Norman M.	ME	BE	1949
		BSAS	2000	Ordway, Robert C.	EE	BE	1951
Ogram, Philip M.	CE	BE	2010	Orechoneg, Robert W.	ME	BE	1988
O'Hanlon, David W.	CET	AAS	1977	O'Rell, James L.		BSA	2009
O'Hara, Bryan J.	Cmp.T.	AAS	1984	Orendi, Robert Karl	ME	BE	1980
		BSAS	1986	Organ, Richard C.	CE	BE	1950
O'Hara, Daniel M.	EE	BE	1984	Organic, Ray J.	EE	BE	1954
O'Hara, James J.	EE	BE	1974	Orinin, Sandra L.	Cmp.T.	AAS	1974
Ohle, James T.	DDT	AAS	1990	Oris, Frank D.	IE	BE	1975
Ohlin, David L.	CE	BE	1963	Orlando, Raymond D.	EE	BE	1954
Ohlin, John	Cmp.T.	AAS	1988	Orlang, Christopher D	CHEM	BS	2008
		BSAS	1990	Orlosky, Mark C.	EE	BE	1979
Ohlin, John T.	CE	BE	1962			MS	1985
Ohlin, Randall W.	DDT	AAS	1981	Orlovsky, Andrew J.	EE	BE	1994
Ohlin, Russell E.	EE	BE	1978	Ornato, Jan F.	Ch.E.	BE	1979
		MS	1981	Ornelas, David Jr.	EET	AAS	1995
Ohlin, Thomas E.	CE	BE	1967	Orning, Arnold D.	ME	BE	1970
Ohtola, Victoria Lynn	ME	BE	1982			MS	1971
Ohtola, William John	ME	BE	1979	Oros, Lanee A.	MET	BSAS	1997
O'Korn, Edward J.	IE	BE	1956	Orosz, Edward J.	EE	BE	1963
Okrucky, James A.	EE	BE	1978	Orosz, Stephen J.	CE	BE	1971
Oktoniades, Ioannis A.	CE	BE	1984	Orr, Candice	EET	AAS	1990
		MS	1985	Orr, Candice S.	EET	BSAS	1997
Okular, Richard J.	Cmp.T.	AAS	1984	Orr, Donald	Cmp.T.	BSAS	1983
		BSAS	1987	Orr, Robert L.	EET	BSAS	1982
Olbrych, Paul A.	EET	AAS	1980	Orr, Thomas Lee	CE	BE	1959
		BSAS	1984			MS	1972
Oldakowski, Stephen Z.	IE	BE	1954	Orr, Todd A.	EET	AAS	2007
O'Leary, James A. Jr.	CE	BE	1989		EET	BSA	2009
		MS	1991	Orrico, Nicholas J	EUT	ATS	2008
O'Leary, Kathleen	CE	BE	1999	Orsine, James L. Sr.	EE	BE	1967
Olejar, Michael	Ch.E.	BE	1956	Orsini, Kevin	MET	AAS	1982
Oleksa, Alan J.	Ch.E.	BE	1986			BSAS	1984
Oleksa, Joseph J.	EE	BE	1977	Ortsey, Raymond E.	Mt.E.	BE	1964
Oleksak, Carl M.	EE	BE	1983	O'Shaughnessy, Bryan T.	EET	AAS	1999
Olenick, Stephen M.	EE	BE	1972	O'Shanick, Peter	Ch.E.	BE	1951
Olesen, Bryan J.	Cmp.T.	AAS	1985	Orzechowski, Charles V. III	ME	BE	1995
Olesky, Robin L.	EE	BE	1983	Osberg, Jodi	Cmp.T.	AAS	1988
Olexa, John M.	Mt.E.	BE	1968	Osborn, Dale L.	Cmp.T.	AAS	1978
Olinger, Frederick H.	CE	BE	1964	Osborn, Darrell L.	Cmp.T.	BSAS	1983
Olinger, Frederick J.	DDT	AA	2004	Osborn, David M.	EET	BSAS	1985
Oliva, Dorothy	Cmp.T.	AAS	1991	Osborne, Gary L.	ME	BE	2004
		BSAS	1993	Osborne, Larry C.	EE	BE	1991
Oliva, Paul E.	CE	BE	1972	Osiniak, Donald E.	EE	BE	1983
Oliver, Michael	Cmp.T.	AAS	1993	Osiniak, Randall C.	MET	BSAS	1988
Olmi, Urban A.	IE	BE	1975	Oskorip, Walter E.	ME	BE	1960
O'Loughlin, John R.	ME	BE	1955	Osman, Mohammed Y.	CE	MS	1988
Olsavsky, Charles R.	Mgt.E.	BE	1979	Osoro, Daniel	Cmp.T.	BSAS	1992
Olsavsky, James L.	CE	BE	1974	Ostheimer, Jeffrey A.	Cmp.T.	AAS	1975
Olsavsky, Peter III	Cmp.T.	AAS	1981	Ostheimer, Mark	Cmp.T.	AAS	1975
Oltean, John Jr.	EE	BE	1950		Ch.E.	BE	1980
O'Malia, Frank W.	EE	BE	1967	Ostheimer, Paul	ME	BSAS	2004
O'Malley, Daniel B.	MET	AAS	1974	Ostrode, Brandon L.	MET	BSA	2009
		BSAS	1977	Ostrowski, Edward	EE	BE	1966
O'Masta, Frank J.	Cmp.T.	AAS	1977	Ostrowski, John	EET	AAS	1992
O'Masta, John T.	Cmp.T.	AAS	1981			BSAS	1992
		BSAS	1983	Ostrowski, Robert A.	ME	BE	1975
Omweg, Chris A.	EE	BE	1989	Oswald, Margaret M.	EE	MS	2003
Onderko, Joseph M.	ME	BE	1985	Oswald, Jeffrey L.	CET	BSAS	1991
Onderko, Kenneth P.	ME	BE	1984	Othman, Nur-Aishah	Ch.E.	BE	1987
Onderko, Ronald J.	ME	BE	1987	O'Toole, Shane E.	EET	AAS	1996
Ondich, Rosemary		BE	1982			BSAS	1999
O'Neil, James P.	IE	BE	1967	Otte, Jack M.	EE	BE	1986
O'Neil, Timothy J.	EE	BE	1981	Otto, Philip	EET	BSAS	1990
O'Neill, Dwight L.	EE	BE	1972	Ours, Dayne J.	EUT	ATS	2009
O'Neill, John R.	IE	BE	1951	Owen, Joseph P. Jr.	EE	BE	1979
Onesti, Troy L.	CE	BE	2009	Owen, Timothy M.	EE	BE	2003
O'Nesti, Gary G.	CET	BSAS	1982	Owens, Bradley J.	EET	BSAS	1981
Opre, Tyler E.	I&SE	BE	2003	Owens, Edward	EET	AAS	1980
Opsitnik, Andrew J.	CE	BE	2002			BSAS	1983



Owens, James G.	Mt.E.	BE	1968	Palma, Joseph M.	EE	BE	1965
Owoc, Raymond John	EE	BE	1951	Palma, Max	Cmp.T.	BSAS	1990
Owrey, Wesley R.	EET	BSAS	1987	Palmer, James M.	MET	AAS	2009
Ozanich, Steven R.	EET	AAS	1984	Palmer, Richard D.	MET	BSAS	1988
		BSAS	1985	Palmer, Todd D.	CET	BSAS	1986
Ozbeki, Mohammad A. E.	CE	BE	1978	Palmiter, Joseph O. Jr.	EE	BE	1975
Ozenghar, Arthur D.	MET	AAS	2003	Palmiter, Michael F.	CCET	AAS	2009
		BSAS	2003	Paloski, Ronald S.	Ch.E.	BE	1968
Ozimek, David Walter	ME	BE	1971	Palotsee, Michael J.	ME	BE	1996
Pacak, Michael G.	EE	BE	1975	Palumbo, Brendon L.	EUT	ATS	2010
Pacek, Mark A.	EE	BE	1981	Palumbo, Jill M.	Ch.E	BE	1997
Pacek, Matthew	ME	BE	1951	Palumbo, Richard J.	Ch.E	BE	1997
Pacek, William F.	MET	AAS	1980	Paluszak, Bernard L.	Mt.E.	BE	1953
		BSAS	1981	Pamer, Florian	EET	AAS	1983
	ME	MS	1992	Pan, Jaw-Ping	CE	MS	1981
Pacholec, Erin J.	Ch.E	BE	2001	Pan, Stephen	CE	BE	1967
Pachuta, John Melvin	ME	BE	1978	Panak, Michael J.	EE	BE	1987
Pacileo, Anthony V.	DDT	AAS	1981	Panagopoulos, Peggy	Ch.E	BE	1997
Pack, Eugene A.	EET	AAS	1983	Pancake, Frank R.	Cmp.T.	AAS	1981
		BSAS	1987			BSAS	1984
Pack, Terry L.	IE	BE	1993	Pancallo, Edward A.	Ch.E.	BE	1969
Packman, Gregory A.	EUT	ATS	2010	Pandolph, James E.	CE	BE	1963
Packman, Matthew R.	EUT	ATS	2009	Pandza, Carl M.	EE	BE	1968
Paden, Edwin F.	CE	BE	1975	Panella, David J.	EE	BE	1961
Paden, Thomas C.	EE	BE	1978	Panjawatanakul, Sompoch	ME	MS	1977
Padenich, Michael G.	ME	BE	1996	Panko, William C.	EET	AAS	1985
Padgett, Eric Richard	EUT	ATS	2008			BSAS	1987
Pagan, Ferdinand	EET	AAS	1983	Panno, Nicholas J. Jr.	EET	BSAS	1981
Pagan, Patti A.	Cmp.T.	AAS	1979	Pannunzio, Anthony	CE	BE	1999
Pagan, Richard J.		BE	1995	Panozzo, Alfred D.	Mt.E.	BE	1960
Pagano, Joseph Anthony	MET	AAS	2008	Pansino, Nancy E.	EE	MS	1994
Pagley, Joseph M.	DDT	AAS	1991	Pant, Santosh R.	CE	MS	2010
Pagnatta, Ralph M.	CE	BE	1985	Panta, Yogendra M.	ME	MS	2004
Pahanish, Richard W.	EET	AAS	1977	Pantelakis, Nancy	Ch.E.	BE	1982
	EE	BE	1977	Pantelas, George P.	EE	BE	1952
Pahon, Britney	Ch.E	BE	2004	Pantelas, Harry	IE	BE	1960
Pai, Kochikar A.	ME	MS	1977	Pantloni, Vincent D.	EE	BE	1990
Paiano, Rocco D.	EE	BE	1971	Panuccio, Gregory	Ch.E	BE	2002
Paidas, John G.	EET	AAS	1981	Panuccio, Justin M.	EE	BE	2004
Paine, Elmer G.	EE	BE	1981	Paoletta, John M.	Cmp.T.	AAS	1986
Paine, Waid Arthur	ME	BE	1983			BSAS	1987
Paini, William A.	ME	BE	1966	Paoletta, Paul H.	Cmp.T.	AAS	1986
Painter, Richard	MET	BSAS	1990			BSAS	1987
Pakkola, Oliver H.	Cmp.T.	AAS	1975	Paoletta, Richard	Cmp.T.	BSAS	1987
		BSAS	1977	Paolone, Thomas J.	IE	BE	1972
Pakulniewicz, Joseph	MET	AAS	1977	Paolucci, William T.	CET	AAS	1979
		BSAS	1981	Papa, Brandon Michael	ME	BE	2008
Pakunpanya, Sirisak	Ch.E.	BE	1980	Papacostas, Costakis	CE	BE	1969
Pakvasa, Atul Shirish	ME	MS	1972	Papacostas, George S.	EE	BE	1972
Palanivel, Somasundaram	CE	MS	1973	Papadakis, Cindy	Cmp.T.	AAS	1978
Paldino, Frank J.	EE	BE	1972			BSAS	1984
		MS	1980	Papalas, William S.	ME	BE	1958
Paldino, Matthew S.	DDT	AAS	1996	Papalios, Erifili	Cmp.T.	AAS	1982
Paletsee, Michael J.	ME	BE	1996	Papalla, Stella G.	CE	BE	1981
Paliga, Brian J.	ME	BE	1985	Papania, Ralph L.	IE	BE	1975
Paliga, Donald A.	EE	BE	1978	Papathanasopoulos, Charalambos		BE	1965
Paliga, Randall John	ME	BE	1984	Papp, Christopher M.	EE	BE	2000
Palko, George	Cmp.T.	BSAS	1991	Pappada, Ralph N.	EE	BE	1975
Palko, Leigh M.	IE	BE	1993	Pappalardo, Kenneth	EET	AAS	1994
Palkovic, William J.	EUT	ATS	2010	Pappalardo, Kenneth	EET	BSAS	1996
Pallante, Lorraine S.	Cmp.T.	AAS	1979	Pappas, John C.	Cmp.T.	AAS	1970
		BSAS	1981	Papy, Louis E.	Cmp.T.	AAS	1973
Pallente, Neil Luch	ME	BE	1950	Paranapiti, Nivat	CE	MS	1977
Pallente, Michael	EET	AAS	1984	Paraska, Harry	CE	BE	1966
		BSAS	1986	Parikh, Dinesh M.	IE	BE	1973
Pallo, Lee A.	EET	AAS	1988	Parikh, Narendra R.	Ch.E.	BE	1971
Pallo, Thomas M.	CET	BSAS	1985	Parilla, Michelle L.	CET	AAS	1981
Pallotta, Armond	Engr.	AB	1943	Parillo, Christopher J.	EE	BE	1997
Pallotta, Henry	Engr.	AB	1942	Parillo, Joseph F.	CET	BSAS	1989
Pallotta, Michael G.	IE	BE	1975	Parimuha, James M.	EET	BSAS	1987
Pallotta, Richard J.		BSA	1987	Parimuha, John P.	EE	BE	1961
Palm, William James	ME	BE	1978	Paris, Stephen D.	Cmp.T.	BSAS	1980

Parish, Bhupendra	ME	BE	1966	Patel, Maganlal F.	MS	1970	
Parish, Hal G.	Ch.E.	BE	1965	Patel, Mahendrakumar J.	BE	1974	
Parish, Randall S.	EE	BE	1978	Patel, Mahesh P.	BE	1974	
Parish, Russell A.	EET	AAS	1978	Patel, Manilal M.	MS	1970	
		BSAS	1980	Patel, Nalinkumar R.	CE	MS	1971
Parisi, Joseph P.	CE	BE	2006	Patel, Naresh B.	Ch.E.	BE	1973
Park, Amy S.	CE	BE	1994	Patel, Narsinh		MS	1970
Parkany, Jerry	Cmp.T.	BSAS	1989	Patel, Pranjivan S.	Mt.E.	BE	1966
Parkany, Kenneth J.	ME	BE	1967	Patel, Pravinbhai C.		BE	1967
Parker, Cary Alan	ME	BE	1985	Patel, Radjibhai A.	CE	BE	1971
Parker, Dana R.	Ch.E.	BE	1983	Patel, Ramesh H.	CE	BE	1971
Parker, John S.	EE	BE	1977	Patel, Rameshbhai U.	CE	MS	1971
Parker, Joseph C.	ME	BE	1989	Patel, Raojibhai A.		BE	1971
Parker, Kim A.	EE	BE	1971	Patel, Sudhir R.		BE	1971
Parker, Shannon L.	ME	BE	2008	Patel, Sunil I.	Ch.E.	BE	1980
Parkinson, Laura L.	CET	BSAS	1989	Patel, Surendra R.		BE	1972
Parnell, Katherine	Cmp.T.	AAS	1973	Patel, Suryakant C.		BE	1971
Parrilla, Vincent J.	EE	BE	1978	Patel, Vinod P.		MS	1970
Parris, Joel	ME	MS	1985	Patella, Anthony D.	Ch.E.	BE	1981
Parrish, Wendell R.	EET	BSAS	2005	Patellis, Anthony	CET	AAS	1999
Parsipour, Ali	CE	MSE	1986			BSAS	2000
Parsons, Bryan M.	ME	BE	2009	Pathomkasikul, Natthapol	EE	MS	1994
Parsons, Dennie R.	EET	AAS	1972	Patil, Suresh R.	ME	MS	2006
		BSAS	1975	Patman, Geraldine E.	CE	BE	1994
Parsons, Joseph N.	EE	BE	1977	Patrella, Pat. P.	Ch.E.	BE	1976
Parsons, Larry A.	CET	AAS	1977	Patrick, Dennis M.	CET	AAS	1973
		BSAS	1982			BSAS	1976
Parsons, Thomas J.	CE	BE	1974	Patrick, John D.	IE	BE	1976
		MS	1975	Patrick, John D.	EE	BE	1976
Partain, Robert E.	EET	AAS	1982	Patrick, Marnie B.	CET	AAS	1993
		BSAS	1984			BSAS	1995
Parthemos, Christo	CE	BE	1988	Patrinos, William	ME	BE	1948
Parthemos, George L.	CE	BE	1956	Patrizi, Robert A.	EE	BE	1972
Partika, Randall S.	CET	BSAS	1985			MS	1979
Partridge, Randy G.	EET	AAS	1983	Patterson, Charles A.	EE	BE	1973
Pascoe, Frank K.	CET	AAS	2000	Patterson, George A.	EE	BE	1957
		BSAS	2001	Patterson, Jason L.	IT	BSAS	2008
Pascute, Lucas C.	EE	BE	2001	Patterson, John J.	EE	BE	1983
	EE	MS	3002	Patterson, Kenneth	EET	BSAS	1989
Pashke, Donald P.	EET	BSAS	1983	Patterson, Larry B.	EET	BSAS	1984
Pasquale, James J.	CET	BSAS	1985	Patterson, Robert C.	CE	MS	2006
Pasquinelli, David M.	ME	BE	1974	Patterson, Robert C. Jr.	CE	MS	1995
Passell, Eugene	Ch.E.	BE	1954	Patton, James L. II	CE	BE	1991
Passella, John R.	EE	BE	1975	Patton, Russell S.	DDT	AAS	1981
		MS	1977	Patton, Sylvester D.	EE	BE	
Pastula, Richard J.	Ch.E.	BE	1964	Patton, Wayne E.	EET	AAS	1978
Patejak, Marek G.	Mt.E.	BE	1987			BSAS	1981
Patel, Ankur E.	Ch.E.	MS	2004	Patuto, Paul A.	EET	AAS	1986
Patel, Arvind	Mt.E.	MS	1970			BSAS	1987
Patel, Arvind	ME	MS	1970	Paul, Jason V.	EE	BE	2002
Patel, Arvindbhai C.	ME	MS	1973	Paul, Ryan M.	ME	BE	2005
Patel, Arvind N.	Mt.E.	MS	1972		ME	MSE	2007
Patel, Ashok B.	Cmp.T.	BSAS	1987	Pauley, Jenny L.	Cmp.T.	AAS	1983
Patel, Baldevbhai	CE	MS	1970	Pauley, Jo E.	Cmp.T.	AAS	1982
Patel, Bhailalbai R.		MS	1970	Paulik, John J.	CET	AAS	1997
Patel, Dadubhai C.		BE	1972	Paulin, Harry	Ch.E.	BE	1966
Patel, Dinbandhu K.	Ch.E.	BE	1971	Paulin, Kenneth H.	Ch.E.	BE	1967
Patel, Gamanlal B.	EE	MS	1971	Paulin, Kerry L.	EET	AAS	1982
Patel, Gautam B.	CE	MS	1970			BSAS	1987
Patel, Harishchandra S.	CE	MS	1974	Pauline, Nicholas F.	MET	AAS	2004
Patel, Indravadan M.	ME	MS	1972			BSAS	2004
Patel, Jagdishchandra M.		MS	1970	Pavelko, Douglas V.	ME	BE	1983
Patel, Jashbhai P.	ME	BE	1972	Pavelko, John	CE	BE	1951
Patel, Jaswant G.	Mt.E.	MS	1974	Pavelko, Michael Jr.	ME	BE	1959
Patel, Jayant M.	ME	MS	1971	Pavilonis, Alphonse F.	ME	BE	1958
Patel, Jayantibhai N.		BE	1973	Pavithran, Aiswarya	ME	MS	2005
Patel, Jaykrishna V.	ME	BE	1972	Pavlak, John Joseph	ME	BE	1980
Patel, Jaymin J.	I&SE	BE	2005	Pavlak, Kenneth P.	ME	BE	1991
Patel, Jehangir P.	EE	BE	1960	Pavlansky, Dennis J.	Cmp.T.	AAS	1987
Patel, Jhinabhai U.	ME	MS	1970	Pavlansky, Daniel S.	ME	BE	1966
Patel, Kantibhai C.		MS	1970	Pavlic, John J.	EET	AAS	1996
Patel, Kishorchandra I.		MS	1970			BSAS	1998

Pavlichich, Peter	EE	MSE	2000			MS	1972	
Pavlichko, William R.	ME	BE	1983	Pennell, Stephanie	ME	BE	1985	
Pavlick, John L.	Mt.E.	BE	1967	Pennington, Larry J.	Cmp.T.	BSAS	1985	
Pavlick, Matthew M.	EE	MS	2000	Pennino, Joseph C.		BE	1971	
Pavlicko, Joseph J.	ME	BE	2001	Penrose, Alexis A.	I&SE	BE	2010	
Pavlyshn, Mandy L.	Cmp.T.	AAS	1988	Pentecost, Marc W.	ME	BE	1995	
Pavliga, James S.	BE	ME	2008	Penwell, Shawn M.	EET	AAS	2010	
Pavlinic, William S.	EE	BE	1973	Penza, Marla M.	CE	BE	1991	
Pavlovich, John P.	EE	BE	1953	Peoples, Marc A.	MET	AAS	1983	
Pavone, Larry R.	Ch.E.	BE	1964			BSAS	1985	
Pavone, Terrence R.	Cmp.T.	AAS	1986	Peoples, Richard C.	ME	BE	1978	
Pawcio, Mark A.	IE	BE	1970	Peplow, George A.	EET	AAS	1973	
Pawlikowski, Lance	EET	BSAS	1987	Pepoy, Steven Jon	ME	BE	1990	
Pawlyshn, Robert G.	EET	BSAS	1982	Pera, Daniel J.	PPT	ATS	2007	
Pawlyshn, Stephen G.	EE	BE	1984	Perantoni, John C.	ME	BE	1968	
Payne, Jeremy N.	EE	BE	1981	Perdulla, Frank J.	CE	BE	1970	
Payne, Kenneth L.	ME	BE	2007	Peretti, Jason	Ch.E.	BE	2002	
Payne, Kevin	IE	BE	1991	Perez, Robert J.	MET	AAS	2008	
	MET	AAS	1993	Perfine, Michael J.	EE	BE	1997	
Payne, Thomas L.	Met	BSA	1994	Perilli, Dustin Vincenzo	IT	BSAS	2008	
	EET	AAS	1985	Perillo, David D.		BE	1972	
		BSAS	1986	Perkins, David A.	Ch.E.	BE	1986	
Payne, Thomas M.	EET	AAS	1996	Perkins, Thomas H. Jr.	CE	BE	1969	
Pazsint, Daniel A.		BE	1970	Perkkanen, Alan	EET	AAS	1981	
Pazzo, Brad V.	EE	BE	2003			BSAS	1983	
Pazzo, John M.	Ch.E.	BE	1962	Perno, Ronald J.	CET	AAS	1975	
Peairs, James L.	CE	BE	1971	Pero, Michael	EET	AAS	1990	
Peak, Mary A.	Ch.E.	BE	1990	Pero, Michael J.	PPT	ATS	2006	
Pealer, Rex A.	MET	AAS	1974	Perilli, Dustin Vincenzo	IT	BS	2008	
		BSAS	1986	Perline, Michael J.	EE	BE	1997	
Pearce, Justin P.	I&SE	BE	2007	Pernice, David L.	EET	AAS	2004	
Pearse, Donald E.	EE	BE	1965			EET	BSA	2004
Pearson, Duane A.	EE	BE	1981			AAS	1975	
Pearson, Esther M.	EET	BSAS	1982	Perno, Ronald J.		ATS	2006	
Pearson, Jo J.	Cmp.T.	BSAS	1990	Pero, Michael J.	EUT	BE	1969	
Pearson, Thomas S.	EET	BSAS	1986	Perri, Kenneth C.	IE	BE	1972	
Pease, Brian G.	CET	BSA	1995	Perrine, Harry S. Jr.	ME	BE	1982	
Pecchio, James C.	Ch.E.	BE	1973	Perrine, Nancy J.		BE	1982	
Pechatsko, Brian J.	ME	BE	1996	Perrine, William G.	Mt.E.	BE	1975	
Peck, Richard J.	EET	AAS	1985	Perrotta, Nick L.	CE	BE	1983	
Pedaline, Gary T.	EET	AAS	1985	Perrotta, Paul J.	Mt.E.	BE	1976	
Pekkanen, Alan L.	EET	AAS	1981			BE	1976	
		BSAS	1983	Perruzzi, Dante J. Jr.	EET	AAS	1978	
Pekkola, Oliver H.		AAS	1975			BSAS	1980	
		BSA	1977	Perry, Charles P.	EE	BE	1987	
Pelanda, Lawrence G.	Mt.E.T.	AAS	1978	Perry, Michael G.	Cmp.T.	AAS	1986	
	Mat.Sci.	BE	1982	Persohn, John R.	EE	BE	1978	
		MS	1993	Persson, Thomas S.	ME	BE	1995	
Pelco, Lee H.	MET	BSAS	1986	Persson, Thomas S.	ME	MS	1996	
Pell, Raymond Scott	ME	MS	1977	Perticarini, Enrico A.	EUT	ATS	2010	
Pelletier, Jeffrey S.	CET	AAS	1987	Perunko, Maureen D.	Cmp.T.	AAS	1983	
		BSAS	1989	Pesa, John P.	IE	BE	1989	
Pelletier, Robert R.	ME	BE	1983	Pesa, Richard S.	Cmp.T.	AAS	1986	
Pellitt, Joseph L.	IE	BE	1971	Pesa, Robert J.	EE	BE	1965	
Pelto, Richard E.	Mt.E.	BE	1962	Pesa, William A.	ME	BE	1959	
Pelton, Paul W.	EE	BE	1994	Pescitiani, James J.	EE	BE	1972	
Peluso, Annette L.	Cmp.T.	AAS	1975	Petak, Adam R.	EUT	ATS	2010	
Peluso, Ernest D.	Ch.E.	BE	1996	Petela, Arthur Edward	ME	BE	1984	
Peluso, Michael S. Jr.	EE	BE	1972	Peteritis, Christopher	EET	BSAS	1991	
Peluso, Nicholas P.	CE	BE	1995	Peters, Mark W.	DDT	AAS	1979	
Pemberton, Nicholas E.	EET	AAS	1999	Peters, Thomas F.	Ch.E.	BE	1972	
Pemise, David L.	EET	AAS	2004	Peters, Thomas F. Jr.	EE	BE	1994	
		BSAS	2004	Peterson, Barbara A.	DDT	AAS	1980	
Pence, Adam L.	CE	BE	2009	Peterson, David	ME	BE	1968	
Pence, David E.	EET	AAS	2007	Peterson, Gregory D.	MET	AAS	2002	
Peng, Kuo-Yuan	ME	MS	1986	Peterson, Jeffrey S.	EE	BE	1987	
Pengelly, Michael A.	EE	BE	1978	Peterson, John C.	EE	BE	1972	
Penick, Brian L.	MET	AAS	1985	Peterson, Joseph J.	IE	BE	1958	
Penick, Lance A.	ME	BE	1997	Peterson, P.E.D	ME	BE	1968	
Penjamin, Deborah L.	Cmp.T.	AAS	1978	Peterson, Richard A.	IE	BE	1966	
		BSAS	1982	Peterson, Robert L.	Cmp.T.	BSAS	1987	
Pennell, Earl Robert	ME	BE	1964	Peterson, Robert L.	EET	BSAS	1983	
				Peterson, Timothy	CE	BE	1990	
				Peterson, Thomas L.				

Peterson, Thomas	EET	BSAS	1977	Phillips, James E.	IE	BE	1984
Pethtel, Zachary A.	EE	BE	2010	Phillips, Joann F.	CE	BE	1980
Petiya, Shawn D.	ME	MS	2008	Phillips, John S.	MET	AAS	1996
Petransky, William E.	ME	BE	1960	Phillips, Lawrence J. Jr.	Cmp.T.	BSAS	1979
Petrarca, Anthony A.	CE	BE	1965	Phillips, Michael D.	EET	AAS	2006
Petrarca, Joseph Jr.	Ch.E.	BE	1971			BSAS	2006
Petras, John A.	Mt.E.	BE	1967	Phillips, Michelle G.	ME	BE	2004
		MS	1970	Phillips, Nicholas J.	Ch.E.	BE	1985
Petras, Raymond J.	Ch.E.	BE	1972	Phillips, Paul G.	EET	AAS	1975
Petrek, Frank P.	CE	BE	1979			BSAS	1977
Petrek, Robert Joseph	ME	BE	1975	Phillips, Richard A.	ME	BE	1960
Petrella, Frank R.	IE	BE	1973	Phillips, Richard J.	EE	BE	1958
Petrella, James S.	CE	BE	1953	Phillips, Richard J.	EE	BE	1971
Petrella, Joann	Cmp.T.	AAS	1974	Phillips, Roger A.	EE	BE	1978
		BSAS	1976	Phillips, Shawn	EET	BSAS	1991
Petrella, Pat P.	Ch.E.	BE	1976	Phillips, Todd A.	CET	AAS	1990
Petrella, Pat P.	CE	MS	1997			BSAS	1992
Petrella, Vincent M.	ME	BE	1988	Phillips, Vincent	EET	AAS	1993
Petretich, Francis S.	IE	BE	1973	Phillips, Vincent R.	EET	BSAS	1997
Petretich, Cynthia M.	C&EE	MS	2005	Phillips, William E. Jr.	Ch.E.	BE	1989
Petrich, Richard P.	Ch.E.	BE	1986	Phillips, William R.	EE	BE	1957
Petrick, David	EET	BSAS	1994	Phillips, William T. Jr.	EE	BE	1980
Petrilla, Timothy P.	CET	BSAS	2006			MS	1990
Petrinjak, Emerick J.	ME	BE	1963	Phillis, Janet L.	Cmp.T.	AAS	1982
Petrinjak, Mark D.	CET	BS	1997			BSAS	1986
Petrinjak, Stephen	EET	AAS	1985	Phimphilai, Charan	CE	BE	1973
Petro, Bernard G.	CE	BE	1977			MS	1977
Petro, David J.	EE	BE	1983	Phiniotis, Chrysis D.	EE	BE	1981
Petro, David W.	IE	BE	1981	Phipps, Albert H.	Cmp.T.	AAS	1984
Petro, Dawn L.	Ch.E.	BE	1999	Photikoe, Wanchai	CE	MS	1976
Petro, Dennis George	ME	BE	1972	Phucharoen, Woraphat	Mat.Sci.	MS	1983
Petro, John D.	ME	BE	1967	Phuphatana, Anutr	CE	BE	1973
Petro, Joseph J.	MET	AAS	1975	Picard, Robert J.	MET	BSAS	1984
Petro, Michael	ME	BE	1958	Picino, Thomas J.	CET	AAS	1972
Petro, Robert E.	EE	BE	1961	Pickens, Donald L.	ME	BE	1957
Petro, William M.	IE	BE	1966	Pickens, Larry A.	ME	BE	1985
Petrony, Frank L.	IE	BE	1961	Pickering, Aaron J.	CE	BE	2000
Petropulos, George	Mt.E.	BE	1969	Pickup, Carter H.	ME	BS	1943
Petroski, Ronald J.	ME	BE	1967	Picuri, John P.	CE	BE	1997
Petrosky, Debbie R.	Cmp.T.	AAS	1983	Pielech, Derek P.	CE	BE	2001
Petrosky, Eugene R.	IE	BE	1961	Pierce, Gary D.	IE	BE	1975
Petrosky, Terry F.	EET	BSAS	1985	Pierce, Joel D.	EET	AAS	1997
Petrunia, Brian	EUT	ATS	2007	Pierce, Raymond L.	Mt.E.	BE	1958
Petrunia, James A.	PPT	ATS	2007	Pierko, Gary S.	ME	BE	1987
Petrunia, Thomas J.	EUT	ATS	2009	Pierko, John P.	CE	MS	1988
Petrus, Ronald J.	ME	MS	1994	Pierog, B. John	IE	BE	1966
Petruska, Gary	EET	AAS	1989	Pierog, Stephen G.	IE	BE	1982
Petruska, Louis A.	CE	BE	1957	Pierson, John Allen	EUT	ATS	2008
Petrusko, George J.	MET	AAS	1981	Pierson, Kristopher C.	ME	BE	2010
		BSAS	1984	Pietrangelli, Anna G.	Cmp.T.	AAS	1983
Petrusko, Michael C.	EE	BE	2005	Pietro, Marc D.	EET	AAS	2002
Petrusky, Charles A.	CE	BE	1965	Pietromonaco, Joseph A.	ME	BE	2009
Peyko, Christopher S.	Cmp.T.	AAS	1981	Pike, Walter E.	EET	AAS	1977
		BSAS	1983			BSAS	1978
Pezzano, Michael J.	Cmp.T.	AAS	1983	Pikos, Anthony A.	Mat.Sci.	BE	1994
Pfahles, Thomas	CE	BE	1952	Pilak, Olga	Ch.E.	BE	1973
Pfeffer, Gregory J.	ME	BE	1990	Pilarcik, Thomas D.	Ch.E.	BE	1965
Pfeifruk, Joseph E.	Mt.E.T.	AAS	1974	Pilch, Thomas C.	EET	AAS	1983
Pfingsten, William A.	IE	BE	1972	Pilipovich, Stephen C.		BE	1973
Pflugh, John E.	CE	BE	1977	Pillot, Jeffrey W.	EET	AAS	1974
Phanumphai, Rintra	Ch.E.	BE	1998			BSAS	1978
Phelan, Brian J.	CET	BSA	2008	Pilolli, Edmond A.	ME	BE	1986
Phelan, Carl J. II	Cmp.T.	AAS	1984	Piltz, Edward R.	EE	BE	1970
		BSAS	1987	Pilutti, Michael B.	CE	BE	1993
Phelan, Reid Glenn	ME	BE	1981	Pilz, Leonard Joseph	ME	BE	1969
Phelps, John S.	EET	AAS	1977	Pimpinella, Alexander	MET	AAS	1990
Phifer, Catherine L.	IE	BE	1984			BSAS	1991
Philips, Joseph M.	CE	BE	1967	Pinchot, Robert J.	EUT	ATS	2005
Phillian, Kenneth S.	ME	BE	1989	Pinion, Scott A.	EUT	ATS	2010
Phillian, Mark E.	CE	BE	1983	Pinizotto, Nick A.	ME	BE	1974
Phillips, Andrew	EET	AAS	1992	Pinkerton, Matthew J.	CET	AAS	2003
Phillips, Carl Arthur	ME	BE	1991			BSAS	2005

Pinkowski, Thomas R.	Mt.E	BE	1962	Poldeman, George G.	EE	BE	1964
Pinney, Eugene Elmer	ME	BE	1950	Polehonki, Ralph J.	Mt.E.	BE	1981
Pintar, Robert T.	EE	BE	1954			MS	1991
Pipala, Edward J.	EE	BE	1985	Polen, Albert	MET	BSAS	1992
Piper, Jennifer L.		BE	1990	Polen, Stephen B.	CE	BE	1985
Piriak, Andrew D.	Cmp.T.	AAS	1973		CE	MS	1999
Piriak, Christine N.	Ch.E	BE	2004	Polenick, Richard J.	Mt.E.	BE	1984
Piriak, Robert L.	CET	AAS	1997	Polis, William J.	EUT	ATS	2006
		BSAS	2003	Politano, Guido	EE	BE	1965
Pirigyi, Richard J.	ME	BE	1956	Polivka, Andrew B.	CE	BE	1986
Pirigyi, Tiffnay M.	ME	BE	2004	Polkabla, Lawrence J.	EE	BE	1982
Pirko, Dennis Lee	ME	BE	1986	Pollack, Joseph M.	EE	BE	1964
Pirko, Steve	EET	BSAS	1989	Pollifrone, Joseph F.	EET	AAS	1981
Pirko, Thomas A.	EE	BE	1983	Pollio, Frank	EET	AAS	1990
Pirlo, Dennis J.	Cmp.T.	AAS	1971	Pollock, Nicholas F.	Cmp.T.	AAS	1985
Pisani, Edward L.	EE	BE	1987	Polochak, Michael Jr.	IE	BE	1959
Pisani, James J.	EE	BE	1975	Poma, James P.	IE	BE	1978
Pisani, Victor F.	Ch.E.	BE	1972	Pompeo, Albert	CET	BSAS	1978
Pisano, Ralph S.	IE	BE	1959	Pond, David O.	Ch.E.	BE	1963
Piscitani, Joseph	EE	BE	1975	Pondillo, James J.	I&SE	BE	2005
Pisciuneri, Patrick H.	ME	BE	2006	Ponikvar, Harry E.	IE	BE	1952
Pishko, Robert	IE	BE	1966	Ponikvar, Philip E.	Ch.E.	BE	1980
Pishotti, Nick J.	IE	BE	1963	Ponikwia, Edward F.	ME	BE	1984
Pitcairn, Dianne K.	Cmp.T.	AAS	1983	Pontuti, Brent A.	EET	AAS	1988
Pitcovich, George M.	EE	BE	1963		EE	BE	1992
Pitini, Linda F.	Cmp.T.	AAS	1978	Poole, David Ellwood	ME	BE	1948
Pitko, Joseph M.	CE	BE	1981	Poor, Barry J.	ME	BE	1965
Pitko, Sharon L.	IE	BE	1989	Poorman, Larry E.	ME	BE	1961
Pitoscia, William Joseph	CE	BE	2008	Pop, Stephen L.	EE	BE	1950
Pitsch, Matthew A.	CE	BE	2010	Popa, Charles J. Jr.	EET	AAS	1974
Pitt, Daniel C.	CET	AAS	2000		EE	BE	1979
Pitts, Marilyn A.	Cmp.T.	AAS	1975	Pope, James D.	EET	AAS	1984
		BSAS	1977	Pope, James William	ME	BE	1976
Pitts, Thomas	MET	AAS	1994	Popescu, Victor		BE	1969
Pitts, Thomas M.	MET	BSAS	1996	Poplava, Edward E.	IE	BE	1956
Pitucklimskul, Suravit	CE	MS	1973	Popovich, Andrew M.	EE	BE	2008
Pitzo, John	ME	BE	1957	Popovich, Charles T.	CE	BE	1980
Pivrotto, Leo M.	EUT	ATS	2007	Popovich, John	MET	AAS	1992
Pizanias, Charles P.	Ch.E	BE	1998			BSAS	1993
Pizzulo, Anthony L. III	Cmp.T.	BSAS	1985	Popovich, Marko	EET	BSAS	1999
Pizzuti, Thomas M.	ME	BE	1980	Popovich, Mike S.	MET	AAS	1985
Plakosh, Daniel	EET	BSAS	1985			BSAS	1987
Plant, Charles M.	EE	BE	1985	Popp, Genevieve L.	Cmp.T.	AAS	1982
Platt, Robert G. Jr.	Cmp.T.	AAS	1979	Porea, John R.	CE	BE	1964
		BSAS	1981	Porfilio, David Lee	EE	BE	1951
Platton, Michael E.	DDT	AAS	2003	Porfilio, Ralph	EET	AAS	1989
Plecnik, Joe M.	CE	BE	1969			BSAS	1990
Pleso, Donald W.	MET	AAS	1988	Porinchak, William J.	MET	AAS	1986
		BSAS	1994			BSAS	1988
Pletcher, Lori A.	Cmp.T.	AAS	1981	Porter, Amy B.	CET	BSAS	1983
Plevniak, George A.	ME	BE	1952	Porter, Dana H.	IE	BE	1964
Pliszka, Douglas	EET	BSAS	1993	Porter, David W.	CE	BE	1980
Plonka, Frank J. Jr.	EET	AAS	1983	Porter, Erik M.	CET	BSAS	2002
Ploskodniak, John	EET	AAS	1971	Porter, L. A.	C&EE	MS	1998
	EE	BE	1977	Porter, L. A.		BE	1995
Plott, Cassie M.	CET	AAS	2005	Porto, Robert J.	EET	BSAS	2000
	CET	BS	2008	Porter, Robert W.	IE	BE	1954
Plott, Clinton T.	MET	AA	2000	Porvaznik, Michael R.	Mgt.E.	BE	1977
Plummer, Virgil C. Jr.	ME	BE	1960	Porzucek, Chester	Ch.E.	BE	1981
Plunkard, Mark	MET	AAS	1988	Posey, Suzanne	ME	BE	1988
Plunkett, Daniel A.	EET	BSAS	1988	Pospisil, Mark E.	EE	BE	1987
Pluth, Richard A.	MET	AAS	1975	Possage, Lynn D.	EUT	ATS	2009
Plyler, Robert G.	ME	BE	1969	Potesta, Mark A.	EE	BE	1985
Pochiro, Anthony M.	Ch.E.	BE	1992			MS	1994
Poffenbarger, Thomas K. Jr.	CE	BE	1995	Potetz, William J.	Cmp.T.	AAS	1987
Pogacnik, Jim A.	CET	BSAS	1991	Potkay, Larissa C.	Ch.E	BE	2000
Pohlod, James	EET	AAS	1994	Potter, George B.	Ch.E.	BE	1984
Pohmurski, Joseph C.	EE	BE	1951	Potter, Robert W.	IE	BE	1954
Polak, Michael J.	EET	AAS	2001	Potvin, Raoul J.	ME	BE	1967
Poland, Keith M.	EET	BSAS	1987	Potz, Tomas	EET	AAS	1985
Polanichka, Michael	Cmp.T.	BSAS	1993			BSAS	1986
Polcha, William J.		AAS	1978	Poudel, Amulya	C&EE	MS	2006

Pourmehraban, Iraj	ME	BE	1979	Protain, James L. Jr.	CE	BE	1994
		MS	1982	Prout, William C.	ME	BE	1966
Powell, Gary	Cmp.T.	AAS	1975	Prox, Bernard A.	EET	BSAS	1975
Powell, George	EE	BE	1982	Prox, David J.	CE	BE	1964
Powell, James	EET	AAS	1990	Prox, Kenneth A.	EE	BE	1990
		BSAS	1992	Psaras, Thomas Steve	ME	BE	1975
Powell, Jeffrey	EE	BE	2003	Ptichkin, Andrily	EE	BE	2008
Powell, Jeffrey D.	CE	BE	2001	Pucak, John L.	EE	BE	1975
Powell, Kathleen	Cmp.T.	AAS	1987	Puccini, Joseph A.	EET	AAS	1996
Powell, Larry C.	EE	BE	1971			BSAS	2003
Powell, Mark D.	CE	BE	2000	Pudik, Michael T.	MET	BSAS	1983
Powell, Patricia S.	Cmp.T.	AAS	1985	Pugel, John T.	EE	BE	1974
Powell, Raymond L.		BE	1974	Pugh, Dallas D.	EUT	ATS	2009
Powell, Richard G.	EE	BE	1975	Pugh, John Gibson	ME	BE	1950
Powell, Steve B.	EE	BE	1982	Puhak, Mark J.	Ch.E.	BE	1976
Powell, Thomas L.	EET	AAS	1973	Puhak, William	EET	AAS	1992
Powers, Jeffrey W.	CE	BE	1998	Puhala, Francis G.	Ch.E.	BE	1967
Powers, William J.	Ch.E.	BE	1979	Puhalla, Brian S.	Cmp.T.	AAS	1985
Pownell, Gregory J.	EE	BE	1992	Puhalla, Craig J.	ME	BE	1991
Pozniko, John M.	ME	BE	1973	Puhalla, John J.	Cmp.T.	AAS	1985
Prachick, Charles E.	ME	BE	1992			BSAS	1988
Prachick, Thomas P.	EET	AAS	1978	Puhalla, Michael	MET	BSAS	1989
		BSAS	1980	Puhalla, Ronald E.	Cmp.T.	AAS	1973
Prall, Robert E.	Ch.E.	BE	1960			BSAS	1983
Pratt, Al William	EE	BE	1953	Puhl, Lisa	Cmp.T.	AAS	1992
Pratt, Andrew W.	EE	BE	2003	Pullar, Robert B.	IE	BE	1963
Pratt, Jennifer L.	EE	BE	2002	Pumphrey, Jeffrey E.	EET	AAS	1986
Pratt, Roy J. III	EE	BE	1990			BSAS	1987
Prattipati, Praveen L.	Ch.E.	MS	2006	Pupillo, Daniel J.	EE	BE	1990
Precopi, Christopher M.	EE	BE	2002	Purfey, Kenneth J.		BE	1970
Pregibon, Daryl J.	EET	AAS	1972	Purnell, William J.	ME	BE	2009
Pregibon, Jennifer N.	I&SE	BE	2005	Pusevich, Kimberly A.	Ch.E.	BE	1999
Pregibon, Nicholas J.	EET	AAS	1978	Pushak, Theodore	MET	AAS	1987
		BSAS	1981			BSAS	1990
Prejs, Henry Andrew	ME	BE	1950	Puskar, Cheryl L.	IE	BE	1988
Preksta, John N.	EE	BE	1965	Puskar, John Richard	ME	BE	1981
Prelee, Daniel Michael	ME	BE	1974	Puskarcik, Brandon M.	EET	AAS	2006
Presby, Thomas J. II		BE	1995			BSA	2008
Presnar, Christopher A.	EE	BE	2006	Puskarcik, Russell P.	EET	AAS	1973
Prest, Raymond	EET	AAS	1986	Pustelnyk, Michael	ME	BE	1950
		BSAS	1988	Pustinger, Alexander P.	CE	BE	1957
Preston, Eugene D.	ME	BE	1960	Pyles, Scott A.	DDT	AAS	1993
Preston, Yvonne		BE	1988	Qadar, Khalil O.	ME	BE	2004
Prezioso, Rocky N.	DDT	AAS	1994	Qazi, Atif I.	C&EE	MS	1998
Price, Clarence D.	IE	BE	1964	Qazi, Zafar I.	ME	MS	1996
Price, Edward T.	ME	BE	1952	Quad, Jamal Y.		BE	1980
Price, Kenneth A.	CET	AAS	1994	Quaintance, Richard P.	ME	BE	1983
Price, Perin	Ch.E.	B.E	1974	Quaranta, Edward A.	EE	BE	1988
Price, Richard H.	ME	BE	1959	Quaranta, Sheryl A.	Cmp.T.	AAS	1986
Price, Richard T.	Ch.E.	BE	1974	Quaranta, John Dante	ME	BE	1984
Price, William G.	Ch.E.	BE	1952		CE	BE	1988
Principi, Dave A.	CE	BE	1991	Quaranta, Joseph E.	EE	BE	1974
Prince, Jason P.	EET	AAS	2005			MS	1976
		BSAS	2006	Quaranta, Joseph S.	IE	BE	1983
Prine, George R.	EET	AAS	1981	Quaranta, Valerio W.	IE	BE	1959
Prislipsky, George	EE	BE	1988	Quarterson, Eugene A.	EE	BE	1961
Pritchard, Edward J.	IE	BE	1960	Quartini, Patricia	Cmp.T.	AAS	1989
Pritchard, Kenneth D.	CE	BE	2010	Quatrano, Raymond L.	EE	BE	1949
Pritchard, Tracey B.	IE	BE	1977	Quattro, Christopher G.	Mat.E	BE	1997
Proch, Gary W.	EET	AAS	1980	Quetot, Michael K.	EE	BE	1994
		BSAS	1982	Quigley, John D.	ME	BE	1972
Proch, Jeffrey Lee	ME	BE	1978	Quigley, Mark W.	Mt.E.	BE	1974
Proch, Ronne D.	Ch.E.	BE	1980	Quillin, Christopher E.	ME	BE	2006
Prochak, Mark D.	CE	BE	1983	Quillin, David R.	EET	BSAS	2005
Proctor, Ronald	Cmp.T.	AAS	1992	Quinlan, Stefanie M.	Ch.E.	BE	1989
Prodesky, Edward J.	Ch.E.	BE	1970	Quinn, Charles	Cmp.T.	BSAS	1985
Prokop, Michael D.	EE	BE	1989	Quiring, Christopher A.	ME	BE	2006
Prokopyk, William N.	CET	AAS	1979	Quiring, Kyle G.	Ch.E.	BE	2005
Prokupek, Dennis A.	MET	AAS	1972	Quirk, Edward Hershall	ME	BE	1949
Prosenjak, James J.	Cmp.T.	AAS	1977	Qureshi, Abdul F.		BE	1984
		BSAS	1980	Qureshi, Abdul S.	Ch.E.	BE	1984
Prosenjak, Stephen J.	IE	BE	1973	Qureshi, Ayyaz A.	EE	MS	1993

Outail, Adnan A.	EE	BE	1991	Ranno, Samuel J.	CE	BE	1982
Rabi, Ahmad A.	CE	BE	1982	Rantilla, Roy R.	EET	AAS	1976
Rabon, James C.	Ch.E.	BE	1972	Ranucci, Rudolph L.	ME	BE	1973
Rabosky, Darren R.	CE	BE	2002	Rao, Giri Sopan	ME	MS	1982
Racco, Antonette	EET	AAS	1993	Rao, Yedavalli B.	ME	MS	1971
Raco, Roland J.	ME	BE	1960	Rapone, Fred D.	EE	BE	1964
Racz, Ronald R.	ME	BE	1972	Rapp, Trevor A.	DDT	AAS	2009
Rader, Charles W.	Ch.E.	BE	1979	Rappach, Christopher R.	ME	BE	2001
Radovick, Michael	ME	BE	1963	Rarick, Susan	Cmp.T.	AAS	1992
Raffoul, Farid H.	Ch.E	BE	1998	Raschilla, Curtis J.	MET	AAS	1982
Rafii, Ron	I&SE	MS	1999	Rashidi, Majid	CE	BE	1981
Rafizadeh Amireslami, Seyed M.	CE	BE	1980	Rassman, Joseph T. Jr.	ME	BE	1986
Rafizadeh, Vahid	EE	BE	1985	Rasul, Amjad S.	Ch.E.	BE	1993
Rafoth, John	EET	AAS	1987	Ratliff, Richard R.	IE	BE	1968
Ragalyi, Steve P.	ME	BE	1993	Ratvasky, Brian J.	MET	AAS	1999
Ragan, John A. Jr.	CET	AAS	1975			BSAS	2000
Ragan, Matthew J.	EE	BE	2005	Raub, Paul E.	EE	BE	1997
Raghunathan, Shyamala	EE	BE	1994	Raub, Jeffrey B.	Ch.E.	BE	1982
Rahim, Masuda		BSA	1981	Raub, Raymond W. Jr.	Cmp.T.	AAS	1980
Rahman, Hamza	EE	BE	2009			BSAS	1982
Raib, Ersam R.	EE	MS	1994	Raub, Walter W.	ME	BE	1984
Raiger, William	IE	BE	1965	Raupach, Robert M.	ME	BE	1989
Raikundalia, Arvin K.	ME	BE	1979	Rawlings, Loyal D. II	EE	BE	1976
Rainer, Paul A.	ME	BE	1987	Rawson, Phillip J.	CET	AAS	1996
Rainer, Valerie L.	I&SE	BE	2002			BSAS	1998
Rajabi, Bahram S.	ME	MS	1981	Ray, David J.	CE	BE	1986
Rajabi, Bijam S.		BE	1978	Ray, Robert M.	EE	BE	1951
Rajagopal, Chitra	EE	MS	1993	Raymond, Joyce E.	Cmp.T.	AAS	1978
Rajkotia, Dineshchandra	Ch.E.	BE	1972	Razavi, Fereidoon	Ch.E.	BE	1976
Rak, Raymond M.	EE	BE	1970	Razavi, Mohammed	Ch.E.	BE	1976
Rakocy, Michael E. Jr.	CE	BE	1980	Razo, Eli J.	CE	BE	1988
Rakocy, Terry J.	IE	BE	1972	Rea, Brian D.	ME	BE	2007
Rakytka, Ronald	MET	BSAS	1989	Rea, John D.	CE	BE	1980
Ralph, John T.		BSA	1981	Rea, Kevin Matthew	EUT	ATS	2008
Ramahi, Majdi F.	ME	BE	1985	Rea, Michael A.	IE	BE	1992
Ramahi, Nasser	Cmp.T.	BSAS	1989	Readshaw, Richard L.	Ch.E.	BE	1967
Ramalingan, Kanapathy	ME	MS	1985	Reagan, Edward T.	MET	AAS	1975
Rambo, Dale E.	ME	BE	1988	Reagan, Robert P.	Mt.E.	BE	1968
Rambo, Renee	DDT	AAS	1995	Reams, Justin A.	DDT	AAS	2007
Rambo, Renee L.	MET	BSAS	1997	Rearick, Donald L.	EE	BE	1961
	I&SE	MS	1999	Reash, Cathy	Cmp.T.	AAS	1977
Ramdin, Sivanand A.	IE	BE	1985	Reba, Ronald M.	ME	BE	1970
Ramezani, Majid	EE	BE	1980	Rebeiz, Michel M.	CE	BE	1987
Ramezani, Mitra	IE	BE	1993			MS	1989
Ramezani, Sholeh	EE	BE	1980	Reber, Daniel L.	EE	BE	2003
	EE	MS	1982	Reckart, Harry E.	MET	BSAS	1982
				Reedy, Bhaskar	ISE	BE	2009
Ramhoff, Robert R.	ME	BE	1969	Redmond, Richard D.	ME	BE	1974
		MS	1972	Redondo, Gary	EET	BSAS	1988
Ramirez, Rose M.		BE	1995	Redwanly, Gaby S.	CE	BE	1986
Ramirez, Russell L. Jr.	EE	BE	1981			MS	1987
Ramprasad, H. V.	EE	MS	1988	Reebel, Daniel	EET	BSAS	1993
Ramp, Robert L.	EET	AAS	1985	Reed, Andrew J.	ME	BE	2007
		BSAS	1987	Reed, Charles	EET	AAS	1977
Ramps, Frank T.	CE	BE	1979	Reed, Douglas W.	EET	AAS	1986
Ramps, Joseph G.	EET	AAS	1979			BSAS	1988
Ramsey, Keith M.	Cmp.T.	AAS	1984	Reed, John David	ME	BE	1986
		BSAS	1990	Reed, Leonard F.	Mat.Sci.	BE	1991
Ramsey, James L.	EUT	ATS	2009	Reed, Thomas E.	ME	BE	1969
Ramsey, James R.	EE	BE	1985	Reed, Timothy M.	EE	BE	1999
Ramsey, John D.	MET	AAS	1980	Reedy, Patrick J.	ME	BE	1984
		BSAS	1982	Reedy, Robert W.	IE	BE	1966
Ramunno, Anthony J.	EET	AAS	1982	Reedy, William J.	CE	BE	1984
		BSAS	1984	Reents, Gary R.	EE	BE	1978
Ramunno, David A.	ME	BE	1987	Rees, Richard J. II	MET	AAS	1984
Ranck, William H.	EE	BE	1971	Rees, Richard T.	Cmp.T.	AAS	1985
Randolph, Edward V.	ME	BE	1973			BSAS	1989
Randolph, George B.	EE	BE	1967	Reese, Anthony	Cmp.T.	BSAS	1988
Randolph, Randy T.	CE	BE	1973	Reese, Darlene F.	Cmp.T.	AAS	1979
Randolph, Timothy A.	CE	BE	1980	Reese, Terry L.	Cmp.T.	AAS	1983
Randolph, Zachary R.	EUT	ATS	2010	Reesman, Brad	EET	BSAS	1988
Rankin, Errol R.	EE	BE	1965	Reeve, James	EET	BSAS	1991

Reeves, Craig R.	EE	BE	1984	Rezaie, Mahmood	ME	BE	1982
Reeves, David M.		BE	1981	Rezayat, Shabdz	IE	BE	1976
Reeves, Kenneth W.		BE	1981	Rezek, Michael C.	EE	BE	1989
Reichard, Duane E.	ME	BE	2003	Rezek, Richard T.	IE	BE	1983
Reichard, James E.	ME	BE	1971	Rhattigan, Sean D.	ME	BE	1999
Reichard, Keith A.	ME	BE	1996	Rhee, Song J.	EE	BE	1998
Reid, Ronald D.	CE	BE	1972	Rhinehart, Richard D. Jr.	Cmp.T.	AAS	1980
Reid, Thomas D	CE	BE	2010	Rhoades, Douglas M.		BE	1995
Reihanian, Mostafa	EE	BE	1982	Rhodes, Bruce E. Sr.	CE	BE	1960
Reimers, Scott A.	EUT	ATS	2004	Rhodes, Dennis A.	EE	BE	1994
Rein, Richard H.	Mt.E.	BE	1956	Rhodes, Kevin F.	CET	AAS	1993
Reinard, Curtis E.	Cmp.T.	BSAS	1980	Rhodes, Megan R.	CE	BE	1995
Reiner, William D.	EE	BE	1953	Ricchiuti, Anthony P.	EET	AAS	1986
Reinert, Jason M.	EE	BE	2003			BSAS	1992
	Mgt.E	MS	2007	Ricciardi, Mario A.	ME	BE	1990
Reinke, Michael J.	EE	BE	1988	Ricciuti, Charisse	CE	BE	2000
Reiter, Lynn J.	EET	AAS	1973	Ricciuti, Richard G.	EE	BE	1982
Rejae, Hamid R.	ME	BE	1979	Ricciuti, Todd M.	MET	AAS	1996
		MS	1981	Rice, David A.	Cmp.T.	BSAS	1984
Rek, Bradley R.	ME	BE	1988	Rice, John M.	EE	BE	1979
Rekstis, Michael C.	CE	BE	1995	Rice, Kevin A.	CET	BSAS	1981
Rekstis, Michael C.	C&EE	MS	1998	Rice, Richard E.	EET	AAS	1974
Remick, James S.	ME	BE	1961			BSAS	1977
Ren, Xiaomei	EE	MS	1999	Rice, Steven D.	MET	BSAS	1980
Renczewicz, Emily	Ch.E	BE	2009	Rice, Thomas L.	EET	AAS	1970
Rendinell, J. Scott	Ch.E.	BE	1974			BSAS	1975
Renftle, Edward P.	MET	AAS	1980	Rice, William D.	EE	BE	1958
		BSAS	1980	Rich, Craig W.	Cmp.T.	BSAS	1983
Renstrom, Randall A.	EET	AAS	1986	Rich, Ralph E.	EE	BE	1978
		BSAS	1989	Rich, William N.	MET	AAS	2001
Renzler, Jeff L.	EUT	ATS	2010	Richards, Jeffrey L.	Cmp.T	BSAS	1980
Repas, Mark	EET	AAS	1994	Richards, David W.	Ch.E.	BE	1968
Repasky, Gregory	Cmp.T.	AAS	1981	Richards, Francis A.	EE	BE	1974
		BSAS	1984	Richards, Holland W.	ME	BE	1958
Repasky, Kevin S.	ME	BE	1987	Richards, Jeffrey L.	MET	AAS	1981
Repasky, Martin R.	Mat.Sci.	BE	1974	Richards, Kurt A.	CET	BSAS	1994
		MS	1980	Richards, Paul D.	ME	MS	1986
Repasky, Matthew W.	CE	BE	1993	Richards, Steven T.	EET	AAS	2000
Repasky, Michael W.	CE	BE	1964	Richardson, Edwin F. II	EE	BE	1972
Repasky, Philomena M.	Cmp.T.	AAS	1979	Richardson, John P.	EE	BE	1994
Repasky, Randall J.	MET	BSAS	1988	Richardson, John P.	EE	MS	1997
Repasky, William J.	CE	BE	1971	Richardson, Richard A.	Cmp.T.	AAS	1979
Repko, Paul V.	IE	BE	1974	Richeal, David L.	Cmp.T.	AAS	1983
Repko, Raymond M.	CE	BE	1977			BSAS	1985
		MS	1982	Richman, Dennis		BE	1980
Replogle, Timothy	CET	BSAS	1999	Richley, J. Phillip	CE	BE	1954
Repp, Michael R.		BE	1975	Richley, J.P.	Ce	BE	1971
Rescek, Gerald E.	Ch.E.	BE	1977	Richley, Victor A.	EE	BE	1956
				Richter, Charles E. Jr.	EE	BE	1965
Ress, Robert A. Jr.	ME	BE	1976	Rick, Bertram R.	MET	AAS	1972
		MS	1982	Ricker, Robert B.	Cmp.T.	AAS	1977
Restino, Anthony	Cmp.T.	BSAS	1993			BSAS	1983
Restaino, Vito Jr.	Cmp.T.	BSAS	1988	Rickert, Robert L.	ME	BE	1962
Restaino, Frank J.	ME	BE	1983	Ricottilli, Carmelma M.	Cmp.T.	AAS	1984
Restivo, Lawrence R.	Cmp.T.	AAS	1984	Ricottilli, Liborio B. Jr.	MET	BSAS	1988
		BSAS	1987	Ricottilli, Paolo J.	MET	BSAS	1984
Restivo, Vincent J.	M.E	BE	1953	Riddell, Robert A.	ME	BE	1981
Reszegi, Robert A.	IE	BE	1963	Riddle, Randy L.	MET	BSAS	1981
Retort, Richard C.	ME	BE	1996	Ridendur, Patricia A.	Cmp.T.	AAS	1984
Rettos, Emmanuel N.	ME	BE	2006	Rider, Frederick H. Jr.	ME	BE	1976
Rettos, Nicholas	MET	BSAS	2000			MS	1986
Rettura, Guy	CE	BE	1972	Rider, James A.	MET	AAS	1983
Revella, Michael	Cmp.T.	AAS	1992			BSAS	1984
Reves, David M.	CE	BE	1981	Ridgley, Andrew R.	EET	AAS	2001
Revitsky, Benjamin D.	CE	BE	2007			BSAS	2002
Rex, Jared A.	EUT	ATS	2010	Ridzon, Matthew C.	ME	BE	2009
Reyes, Heriberto Jr.	Cmp.T.	AAS	1987	Riebe, Christine M.	CE	BE	1992
		BSAS	1989	Riebe, Gary C.	ME	BE	1979
Reyes, Wilfredo	DDT	AAS	1999	Rieck, Marianne E.	Cmp.T.	AAS	1983
Rezaian, Khalil	EE	BE	1977			BSAS	1985
Rezaie, Ahmad	CE	BE	1981	Rife, Trixie L.	CE	MS	2010
		MS	1983	Riffer, David B.	Ch.E.	BE	1986



Riffle, Jason V.	CET	BSAS	1996	Robinson, Amy M.	CE	BE	2005
Riffle, Kyle	CE	BE	2009	Robinson, Candace	Ch.E	BE	1983
Riffle, Robert L.	EE	BE	1960	Robinson, John E.	Mt.E.	BE	1960
Rigby, Erik A.	ME	BE	2005	Robinson, John W.	CET	AAS	1995
Rigby, Kenneth D.	MET	AAS	1996	Robinson, John W.	CET	BSAS	2003
		BSAS	1997	Robinson, Linda R.	Cmp.T.	AAS	1977
Rigelsky, Joseph R.	EET	AAS	1983	Robinson, Mary Jo		BE	1980
Rigopoulos, Konstandinos	CET	BSAS	1990	Robinson, Peter T.	EE	BE	1994
Riley, Forest L.	ME	BE	1951	Robison, Donald K.	Cmp.T.	BSAS	1986
Riley, John D.	ME	BE	1964	Robison, Glenn Edwin	ME	BE	1983
Riley, Michael R.	Ch.E.	BE	1991	Roccaforte, Peter L.	EET	AAS	1978
Riley, Thomas J.	CET	AAS	1976			BSAS	1980
Rimko, Robert W.	CE	BE	1976	Rocco, Arthur R.	ME	BE	1956
		MS	1977	Roch, Thomas J.	CE	BE	1978
Rinaldo, Michael S.	ME	BE	1960	Rock, David A.	EE	BE	1991
Rinda, Sanford C.	EET	AAS	2000	Rockney, James L.	CET	AAS	1973
Rini, Guy T.	EE	BE	1970			BSAS	1975
Rinkes, Harry J.	EUT	ATS	2009	Rockney, Jerry A.	CE	BE	1979
Rinko Jr, Frank Michael	EUT	ATS	2008	Rodecker, Keith A.	CE	BE	1977
Riodan, Michael	EE	BE	1973	Rodecker, Richard D.	Cmp.T.	AAS	1974
Riordan, Michael J.	EE	BE	1973			BSAS	1980
Riordan, Patrick T.	EE	BE	1970	Rodenhausen, John M.	EET	BSAS	1980
Rios, Ariel	EET	AAS	1982	Rodgers, William D.	EE	BE	1966
Ripple, Debra L.	Ch.E.	BE	1995	Rodi, Kathleen L.	CE	BE	1991
Ripple, Paul R.	ME	BE	1989	Rodney, John A.	CE	BE	1991
Risavi, Michael	EET	AAS	1995	Rodrick, Thomas J.	MET	AAS	1985
Risavi, Michael C.	EET	BSAS	1996			BSAS	1988
Rising, Robert L.	ME	BE	1968	Rodrigues, Jorge	EET	AAS	1988
Risley, Russell H.	EE	BE	1996	Rodriguez, Daniel R.	CE	BE	2003
Ritchey, Linda C.	Cmp.T.	AAS	1972	Rodriguez, Enrique	CE	BE	2005
Ritchie, Charles	EE	BE	1965	Rodriguez, Justin Robert	EUT	ATS	2008
Ritchie, John S.	IE	BE	1959	Rodriguez, Pedro J.	EE	BE	2003
Ritchie, Michael G.	IE	BE	1968	Rodriquez, Rodney	EET	BSAS	1994
Ritter, David J.	CE	BE	1989	Rodway, Charles P.	ME	BE	1973
Ritter, John F.	CE	BE	1962	Roe, Linda J.	Cmp.T.	AAS	1986
Ritz, Dale	DDT	AAS	1988	Roemer, James L. IV	EE	BE	1983
Ritz, John A.	CET	AAS	1983	Roemer, Jeffrey L.	Cmp.T.	BSAS	1984
		BSAS	1986	Roessler, David T.	ME	BE	1974
Rivalsky, Albert A.	MET	BSAS	2003	Roessler, Rodney D.	EE	BE	1974
Rivalsky, Anthony J.	IE	BE	1982	Rogalski, Michael C.		BE	1993
Rivalsky, John M.	EE	BE	1969	Rogan, James Edward	ME	BE	1959
Rivalsky, Mary A.	Mat.Sci.	BE	1994	Rogenski, James	Cmp.T.	AAS	1993
Rivello, Duana T.	Cmp.T.	AAS	1982	Rogenski, Mark T.	EE	BE	1994
		BSAS	1986		EE	MS	2002
Rivera, Benjamin	CE	BE	1994	Rogenski, Russell B.	Mat.Sci.	BE	1993
Rizer, Zachary J.	EE	BE	2004	Rogers, Keith L.	CE	BE	2004
Rizzi, Richard F.	IE	BE	1973	Rogers, Kevin J.	Ch.E.	BE	1980
Rizzi, Sam	CET	BSAS	1990	Rogers, James	EET	BSAS	1991
Rizzo, Ronald A.	CE	BE	1972	Rogers, Steven E.	EE	BE	1986
		MS	1974	Rogerson, Michael A.	EE	BE	1958
Roach, Mark	Ch.E.	BE	1979	Rohan, Kenneth T.	EET	BSAS	1985
Robakiewicz, Stanley	EET	BSAS	1993	Rohan, Michael T.	Cmp.T.	AAS	1987
Robek, Ronald C.	EE	BE	1965	Rohan, Raymond J.	Ch.E.	BE	1966
Rober, Jeffrey T.	CE	BE	1982	Rohovsky, Dianne	Cmp.T.	AAS	1973
Roberts, Collin S.	EET	AAS	1983	Rohovsky, Joseph E. Jr.	ME	BE	1962
		BSAS	1985	Rohovsky, Patricia	Cmp.T.	AAS	1981
		BE	1963			BSAS	1984
Roberts, John G.	ME	BE	1963	Rohr, Timothy P.	Ch.E.	BE	1980
Roberts, Michael K.	Ch.E.	BE	1987	Rohrbaugh, Fred W.	Cmp.T.	AAS	1979
Roberts, Paul A.	Ch.E.	BE	1981			BSAS	1983
Roberts, Ray	MET	BSAS	1992	Rohrbough, John P.	EE	BE	1980
Roberts, Robert A.	EET	AAS	1977	Rohrdanz, John E.	CET	AAS	1996
Roberts, Ronald J.	ME	BE	1985	Roland, Larry A.	ME	BE	1993
Roberts, Samuel W.	EET	AAS	1977	Roland, Latonia	Cmp.T.	AAS	1989
		BSAS	1979			BSAS	1993
Roberts, Trista A.	Ch.E.	BE	2008	Rolfe, John E.	EE	BE	1986
Roberts, Vince N.	CE	BE	1994	Rolland, Brian L.	EET	AAS	2000
Robertshaw, Michael A.	CET	AAS	2008	Roller, Heather L.		BE	1982
Robertson, Gary D.	ME	BE	1962	Rollo, Glenn E.	EE	BE	1983
Robertson, John D.		AAS	1977	Rollo, Ron	EET	BSAS	1991
Robertson, Kevin L.	CET	BSA	2010	Romack, Paul N.	CE	BE	1957
Robertson, Michael P.	EE	BE	2006	Romandetti, Marcella A.	Ch.E.	BE	1989
Robertson, Robert T.	ME	BE	1953				

Romanick, John P. Jr.	EE	BE	1962	Rossi, Marc A.	EE	BE	1981
Romano, Brian J.	Cmp.T.	AAS	1985	Rossi, Paul L.	CET	AAS	1995
Romansik, Robert L.	Ch.E.	BE	1985	Rossi, Robert J.	CE	BE	1974
Romeo, James M.	Cmp.T.	AAS	1983	Rosler, Carl W.	EE	BE	2007
		BSAS	1989	Rossman, Thomas M.	CE	BE	1986
Romeo, Mark A.	Cmp.T.	BSAS	1986	Rostan, Benjamin E.	EET	AAS	2003
Romeo, Patsy A.	ME	BE	1971			BSAS	2003
Rominger, James P.	Ch.E.	BE	1982	Rotar, Dan R.	ME	BE	1951
Romito, Bryan J.	EUT	ATS	2010	Rotar, David J.	CET	AAS	1980
Romito, Lisa A.	EET	AAS	1997			BSAS	1981
Romito, Gregory	Cmp.T.	BSAS	1988	Roth, Daniel M.	MET	BSAS	1983
Roncaglione, Dan R.	EET	AAS	1975	Roth, Ernie L.	PSYCH	BS	2008
Ronccone, Anthony M.	Cmp.T.	AAS	1985	Roth, Michael A.	EE	BE	1964
		BSAS	1987	Roth, Paul	EET	AAS	1976
Rongaus, Marc E.	Ch.E.	BE	1991			BSAS	1977
Ronshausen, Rebecca L.	ME	BE	1997	Rothermel, Joseph E.	MET	AAS	1993
Ronyak, David A.	EET	AAS	1996		MET	BSAS	1996
Rook, David A.	EET	AAS	1976	Rotoloni, John F.	ME	BE	1993
Rook, Richard J.	ME	BE	1974	Rottenborn, Arthur A.	ME	BE	1966
Roongdanai, Udom	ME	MS	1980	Rouan, Scott M.	Ch.E.	BE	2010
Roos, Edward	EET	BSAS	1991	Rougeux, Lawrence W. Jr.	EE	BE	1979
Root, Brian R.	EE	BE	1993	Roussel, Pamela J.	ME	BE	2006
Root, Thomas I.	EET	AAS	1982	Routh, Gregory D.	Mgt.E.	BE	1979
		BSAS	1983	Rovder, George S. Jr.	CE	BE	1972
Roper, Richard S.	EE	BE	1965	Rovder, John S. Jr.	Mt.E.	BE	1973
Roper, Stephen J.	ME	BE	1959	Rovnak, Thomas	EET	AAS	1985
Rosa, Brendan C.	ME	BE	2000			BSAS	1995
Rosati, Gerald A.	DDT	AAS	1988	Rowan, James D. II	Ch.E.	BE	1962
		BSAS	1990	Rowbotham, Karl A.	IE	BE	1970
Rosati, Paul N.	DDT	AAS	1983	Rowe, David William	ME	BE	1971
	MET	BSAS	1985	Rowe, William L.	IE	BE	1974
Roscoe, Alan R.	MET	AAS	1982	Rowland, James B.	ME	BE	1969
		BSAS	1986	Rowlands, Paul R. Jr.	IE	BE	1966
Roscoe, Danial	EET	BSAS	1989	Rowlands, Robert D.	EET	BSAS	1988
Roscoe, Michael A.	EE	BE	1986	Rowles, Brian A.	Ch.E.	BE	1986
Rose, Derek J.	MET	AAS	1985	Royal, Pamela J.	Ch.E.	BE	1983
		BSAS	1987	Royer, Simon J.	Cmp.T.	BSAS	1983
Rose, Dwayne A.	EET	BSAS	2000	Royer, William	EET	BSAS	1988
Rose, Kenneth E.		BE	1972	Rozman, Glenn E.	EE	BE	1977
Rose, Kristopher C.	EE	BE	2010	Rozzi, Carmen	CE	BE	1983
Rose, Paul A.	EET	AAS	1983	Rubbo, Richard A.	CE	BE	1979
		BSAS	1985	Rubenstein, George L.	EE	BE	1972
Rose, Robert A.	ME	BE	1966	Rubesich, Adam J.	EUT	ATS	2010
Rose, Terry	EE	BE	1994	Rubicky, Robert J.	IE	BE	1980
Rosen, Richard D.	EE	BE	1950	Rubin, Marc B.	EE	BE	1968
Rosen, Robert R.	CET	AAS	1982	Rubino, Anthony J.	ME	BE	1983
		BSAS	1986	Rubino, George A.	CE	BE	1969
Rosensteel, Dale R.	EE	BE	2008	Rubino, Robert D.	EE	BE	1989
Roshala, John	ME	BE	1950	Ruby, Gerald	IE	BE	1968
Roshitsh, Jeffrey C.	ME	BE	1983	Rucci, Sebastian J.	CET	BSAS	1984
Ross, Cheryl L.	EET	AAS	1995	Rucker, Lee T.	MET	AAS	1999
	EET	BSA	1999	Rudd, Brian	MET	AAS	2004
Ross, Denis A.	CE	BE	1967	Rudd, Donna J.	I&SE	BE	1997
Ross, Donald F.		BE	1970	Rudiak, Jerry A.	EE	BE	1992
Ross, Edwin H.	MET	AAS	1975	Rudibaugh, Gerald L.	EE	BE	1967
Ross, Gerald	Mt.E.	BE	1965	Rudibaugh, John F.	EE	BE	1967
Ross, Jeffrey	EET	AAS	1988	Rudick, Leonard T.	CE	BE	1986
		BSAS	1989	Rudinec, Joseph P.	ME	BE	1970
Ross, Joseph	EET	AAS	1993			MS	1973
Ross, Joseph L.	ME	BE	1949	Rudinsky, William J.	Ch.E.	BE	1973
Ross, Joseph R.	EE	BE	1978	Rudnicki, Robert S.	CE	BE	1980
Ross, Kevin	MET	BSAS	1993	Rudolph, Pamela D.	Ch.E.	BE	1994
Ross, Lorrie J.	DDT	AAS	1988	Rudolph, Timothy W.	ME	BE	1982
Ross, Nicholas V. Jr.	EE	BE	1948	Rudy, Carl W.	Cmp.T.	AAS	1982
Ross, Ralph J.	CET	AAS	1993	Rudy, Thomas M.	ME	BE	1971
		BSAS	1995	Rudzik, Rebecca A.	EE	BE	1993
Rossetti, James	DDT	AAS	1993	Rudzik, Rebecca A.	EE	MS	1997
Rossi, Dennis P.	ME	BE	1969	Rueberger, Alexander J.	EE	BE	2000
Rossi, Erin L.	CE	BE	1996	Rufener, Melinda S.	Ch.E.	BE	1983
Rossi, Glenn C.	CE	BE	1995	Rufener, Michael S.	EE	BE	1986
Rossi, Herman J.	CE	BE	1996	Ruffner, Christie	CE	BE	2006
Rossi, Joseph A.	Ch.E.	BE	1984	Rufh, Chester R.	EET	AAS	1977

Rufh, Matthew J.	Cmp.T.	BSAS	1978	Ryhal, James W.	CE	BE	2010
Ruggles, Gregory J.	EET	BSAS	1983	Rymer, Randal E.	Ch.E.	BE	1986
Ruggles, Lori	ME	BE	1987	Ryser, Thomas P.	CE	BE	1996
	C&EE	MS	2002	Ryzner, David F.	ME	BE	1992
Ruggles, William E.	CE	BE	2005	Rzeszotarski, Richard M.	ME	BE	1974
	C&EE	MS	2000	Rzicznek, Michael F.	CE	BE	1979
Ruhl, Stephen W.	DDT	AAS	2005	Saari, David W.	IE	BE	1990
Rukovena, Frank Jr.	Ch.E.	BE	2010	Sabatino, Anthony M.	CET	AAS	1993
Rule, Robert W.	DDT	AAS	1964	Sabatino, David M.	Ch.E.	BE	1981
		BSAS	2003	Sabatino, Phillip J.	EE	BE	1999
Ruminski, Frank M.	I&SE	BE	2003	Sabbagh, Michael N.	ME	BE	1973
Ruminski, Thomas W.	CE	BE	2004	Sabeh, Stanley A.	EE	BE	1964
Runcan, Earl E.	IE	BE	2004	Sabo, Brian R.	EET	AAS	1986
Rupert, Jack Neal	ME	BE	1970			BSAS	1990
Rupert, Michael K.	EET	AAS	1964		Mat.Sci.	MS	1993
Rupnik, Kimberly D.	CE	BE	1975	Sabo, Daniel T.	ME	BE	1982
Rupp, Jeffrey M.	MET	BSAS	1975	Sabo, Donald M.	Cmp.T.	AAS	1979
Rupp, Richard C.	IE	BE	1998	Sabo, Eric Robert	MET	AAS	2008
Rupp, William W.	CET	AAS	1986		MET	BSA	2010
		BSAS	1990		Cmp.T.	AAS	1976
Ruscak, Michael J.	Ch.E.	BE	2005	Sabo, Joseph A.	EE	BE	1964
Ruschman, James L. Jr.	EET	AAS	1979	Sabo, Robert L.	EE	BE	1985
		BSAS	1985	Sabo, Steve J.	EE	BE	1985
Ruscitti, Angelo M.	CE	BE	1986	Sabo, William P.	EE	BE	1990
Ruscitti, Nello M.	CET	BSAS	1986	Sabol, John P.	MET	AAS	1978
Rush, Brittany R.	CET	AAS	1980			BSAS	1980
Rush, John E. Jr.	CE	BE	1983	Sabol, Melvin F.	EE	BE	1965
Rushen, Mary H.		BE	2009	Sabol, Michael J.	Ch.E.	BE	1970
Rushchman, James Jr.	EET	AAS	1983	Sacchini, Joseph J.	EE	BE	1984
Rushin, William	MET	BSAS	1987	Sacco, Joseph J.	CE	BE	2000
Rusnak, Janet R.	MET	AAS	1986	Sacco, Vincent	DDT	AAS	1984
Russ, Brian K.	EET	AAS	1988		Cmp.T.	BSAS	1989
		BSAS	1985	Sadeghifard, Hamid	CE	MS	1981
		BE	1984	Sadeghifard, Massoud	CE	BE	1982
Russ, Charles E.	IE	BE	1986	Sadeghinia, Shahab	IE	BE	1982
Russ, Thomas E.	Ch.E.	BE	1958	Sadjadi, Kazem		BE	1971
Russell, Douglas M.	EE	BE	1962	Saeed, Mohammad C.	CE	MS	1996
Russell, Edward K.	ME	BE	1962	Saedi, Ataollah	EE	BE	1976
Russell, John E.	ME	BE	1964			MS	1978
Russell, W. Patrick	Cmp.T.	BSAS	1959	Sae Kho, Thamrong	ME	BE	1983
Russell, Robert D.	EE	BE	1992	Safkow, Leslie J.	CE	BE	2000
Russick, Edward M.	DDT	AAS	1988	Saguansin, Kamchai		BE	1975
Russo, Carrie A.	MET	BE	1982	Saguansin, Prayoom	ME	BE	1971
Russo, Craig A.	CET	BSAS	1982	Sagy, Judith A.	Cmp.T.	AAS	1982
Russo, Paul F.	ME	BE	1982			BSAS	1990
		MS	1990	Saiedi, Farhad	CE	BE	1982
Russo, Robert J.	Mat.Sci.	BE	1990	Sainato, Dominick	Cmp.T.	AAS	1991
Russo, William Lee	IE	BE	1990	Sainato, Michael J.	ME	BE	1990
Rust, Lawrence J.	EET	BSAS	1959	Sainsbury, Trevor	EE	BE	1945
Rust, Paul M.	Ch.E.	BE	2005	Sakas, John T.	Cmp.T.	AAS	1980
Ruth, Pamela J.	Cmp.T.	AAS	2002			BSAS	1982
Rutkay, Thomas R.	ME	BE	1981	Saker, Nizar E.	CE	BE	1987
Rutledge, Brett A.	Cmp.T.	AAS	1950	Saker, Joseph E.	CET	AAS	1996
		BSAS	1980	Sakonyi, Stephen S.	Cmp.T.	AAS	1975
		MS	1982			BSAS	1980
Ruttanaporn, Kosol	CE	MS	1971	Salaka, Kathleen	Cmp.T.	AAS	1991
Rutterman, John W.		BE	1971	Salameh, Ahmad A. F.	Cmp.T.	AAS	1971
Rutushin, John A. Jr.	EET	AAS	1958	Salasky, John M.	Mat.Sci.	BE	1973
Ruz, Stan J.		BE	1980			MS	1976
Ruzich, John J.	CE	BE	1987				
Ryan, Charles P.	EET	AAS	1982	Salata, Edmund J.	CE	BE	1957
Ryan, Daniel J.	EE	BE	1987	Salata, Edmund J. Jr.	CE	BE	1982
Ryan, Edward Carl	ME	BE	1990	Salata, James M.	Ch.E.	BE	1985
Ryan, Edward J.	ME	BE	1972	Salata, Michael	EE	BE	1996
Ryan, Francis Leo	ME	BE	1952	Salata-Gasior, Karen M.		BE	1988
Ryan, John Dennis	ME	BE	1952	Salcone, Michael D.	EE	BE	1980
Ryan, Patrick J.	EE	BE	1964	Saleh, Ahmed M. R.	ME	BE	1989
Ryan, Robert W. Sr.	ME	BE	1981	Saleh, Jawad M.	Cmp.T.	AAS	1987
Ryan, Sean Patrick	ME	BE	1959			BSAS	1989
		MS	1988			BE	1979
		BE	1989	Saleh, Mohammad R. H.	CE	BE	1979
Ryan, Thomas E.	EE	BE	1957	Salehpour, Abolfazl	ME	MS	1978
Rydarowicz, Thomas M.	DDT	AAS	1957	Salehpour, Ahmad		BE	1974
Ryder, Randy L.	EET	BSAS	1987	Salehpour, Amir	ME	BE	1983
		BSAS	1985				

Salerno, Jack F.	CE	MS	1985	Santisi, Anthony P.	EE	BE	1974
Salerno, John A.	MET	BE	1984	Santon, Daniel	EE	BE	1985
Saliba, Elie	ME	AAS	1982	Santon, Germaine T.	Cmp.T.	AAS	1981
Salicetti, Humberto J.	CE	BSAS	1983	Santone, Michael D.	EE	BE	1973
Salinas, Julie A.	Ch.E.	BE	1984	Santucci, William R.	CE	BE	1973
Saline, Allan E.		BE	1977	Sapienza, Ross K.	DDT	AAS	2005
Sallach, Martin	EET	BSAS	1989	Sappati, Padmaja V.	ME	MS	2004
Salmen, Richard A.	EE	BE	1961	Sarafzadeh, Reza	EE	BE	1971
Salmen, Richard M.	EET	AAS	1987	Sarantopoulos, Athanasios	EE	BE	1986
Salmen, Walter J.	ME	BSAS	1989			MS	1988
Salmon, William	CET	BE	1953	Sarich, William J. Jr.	EE	BE	1975
Salomone, Dominic J.	CET	BSAS	1987	Sarisky, John M.	Ch.E.	BE	1984
		AAS	1981	Sarkar, Debrop	I&SE	MS	2007
		BSAS	1983	Sarko, Matthew J.	CET	AAS	1992
Salomone, Jesse J.	EET	BSAS	1986			BSAS	1993
Salomone, Mary P.	CE	BE	1982	Sarna, Lawrence J.	ME	BE	1972
Saloom, Thomas J.	Ch.E.	BE	1984	Sarno, Neil V.		BE	1995
Salpietra, Thomas G.	ME	BE	1973	Sarteschi, Brenda M.	EE	BE	1985
Saluke, John E.	EE	BE	1979	Sarver, Larry W.	Ch.E.	MS	1974
Sambandham, Raja R.	ME	BE	2000	Sass, Howard W.	ME	BE	1952
		MS	2002	Sassone, Brian J.	EE	BE	1988
Sammarco, Louis A.	IE	BE	1991	Satmare, Jarrod	CET	AAS	2009
Samora, Jason D.	EUT	ATS	2010	Sattarujawong, Krittaya	I&SE	MS	1998
Sampathkumar, Covilur B.	Mt.E.	MS	1972	Sattarian, Ahmad	Ch.E.	BE	1984
Sampson, Edward L.	EE	BE	1972	Sauer, Frederick R.	ME	BE	1966
Sampson, Logan M. II	MET	AAS	1975	Sauline, Edward B.	MET	AAS	1982
Sampson, Richard A.	EE	BE	1960	Saulino, Dominic F.	CET	AAS	1978
Samsa, Brad W.	IE	BE	2009			BSAS	1979
Samuels, James A.	ME	BE	1986	Saulpaugh, William A.	Cmp.T.	AAS	1987
Samuels, Richard A.	ME	BE	1968	Saunders, Andrew T.	EET	AAS	1980
Sanchez, Marce L.	CE	BE	1976	Saunders, Jay W.	EE	BE	1976
Sanchez, Richard A.	EE	BE	1977	Saunders, John E.	ME	BE	1951
Sanchzez, Richard L.	EE	BE	1954	Saunders, John E.	EET	AAS	1976
Sandberg, Carl N.	ME	BE	1968	Saunders, Richard J. Jr.	MET	AAS	1985
Sandberg, Dennis Lee	ME	BE	1972			BSAS	1987
Sanders, Mark A.	MET	AAS	2004	Saunders, Robert C.	ME	BE	1961
		BSAS	2005	Saunders, Ronald J.	CE	BE	1957
Sanders, Ralph T.	EE	BE	1965	Savage, Elizabeth A.	CE	BE	2001
Sanders, Ulysses	Cmp.T.	AAS	1974	Savage, Steven M.	C&EE	MS	2003
		BSAS	1977	Savanyu, Steven M.	EET	BSAS	1977
Sandinski, Robert L.	MET	AAS	1981	Savich, Gary	EET	AAS	1994
		BSAS	1983	Savich, Sandra A.	Ch.E.	BE	1982
Sandor, Diane		BE	1980	Savich, Stephen M.	CE	BE	1995
Sandor, George R.	Ch.E.	BE	1986		CE	MS	2003
Sandor, John W.	EE	BE	1974	Savikas, Charles P.	IE	BE	1971
Sandor, Richard J.	EE	BE	1974	Savko, Cheryl	Cmp.T.	AAS	1988
Sandrella, William R.	EE	BE	1985	Savko, Michael J.	MET	BSA	2009
Sands, Kyle Porter	ME	BE	2008	Savon, Ronald W.	Cmp.T.	AAS	1985
Sands, William	Cmp.T.	AAS	1992			BSAS	1990
Sandy, Robert J.	ME	BE	1993	Sawayda, David J.	EE	BE	1980
Sanford, Nicholas A.	CE	BE	2008	Sawayda, Michael A. Jr.	EE	BE	1980
Saniji, Hossein M.	Mat.Sci.	BE		Sawicki, Richard R.	ME	BE	1995
		MS	1989	Sawyer, Robert	Cmp.T.	AAS	1991
Sankari, Fawaz F.	CE	MS	1987	Saykes, Lawrence J.	Cmp.T.	BSAS	1986
Sankey, Brian R.	ME	BE	1987	Saylor, David J.	ME	BE	1978
Sankey, Robert E.	ME	BE	1958	Scahill, John W.	Ch.E.	BE	1974
Sanor, John W.	ME	BE	1974	Scala, Thomas C.	ME	BE	1986
Sanoski, Kenneth A.	CE	BE	2009	Scanlon, Brian W.	EE	BE	1993
Sanson, Joseph S.	CE	BE	1993	Scanlon, Cynthia M.	Cmp.T.	AAS	1981
Santagata, Frank	CE	BE	1966	Scanlon, Thomas P.	ME	BE	1963
Santangelo, Chrisellen	EET	BSAS	1990	Scarmuzzi, Laurie L.	CE	BE	1997
Santangelo, James J.	Cmp.T.	AAS	1984		I&SE	MS	2000
		BSAS	1988	Scarnecchia, James V.	Cmp.T.	AAS	1983
Santaputra, Chiravut	CE	MS	1978	Scarpine, Allan J.	CE	BE	1979
Santarelli, Philip B.	EET	AAS	1986	Scarpine, Victor E.	EE	BE	1979
		BSAS	1988	Scarsella, Donald A.	EET	BSAS	1987
Santelli, Daniel E.	Ch.E.	BE	1980	Scattino, Frank A.	EET	AAS	1985
Santiago, Oscar	EET	AAS	1982			BSAS	1993
Santiko, Ridwan L.	EE	MS	1987	Schaade, Gretchen L.		BE	1990
	ME	MS	1989	Schaade, Jeffrey B.	Ch.E.	BE	1988
				Schaade, John H.	EE	BE	1964
				Schadt, Wilfred J.	EE	BE	1971

Schaefer, Glen A.	ME	BE	1975	Schoenfeld, William J.	EUT	ATS	2009
Schaefer, Jack	ME	BE	1941	Scholes, Justin M.	ME	BE	2006
Schaeffer, James E.	EE	BE	1976	Schott, Aaron L.	EE	BE	2007
Schaeffer, John D.	EE	BE	1993	Schott, Lester E.	EE	BE	1956
Schaeffer, John E.	EE	BE	1976	Schrader, Raymond E.	Ch.E.	BE	1969
Schaeffer, Tammy	Cmp.T.	AAS	1989	Schrader, Robert J. Jr.	CET	AAS	1982
Schaffer, Robert J.	Ch.E.	BE	1967			BSAS	1985
Schaper, William Joseph	EUT	ATS	2008	Schragal, John P.	ME	BE	1967
Scharrer, Gregg A.	IE	BE	1989	Schragel, William	EET	AAS	1990
Scharsu, Douglas G.	CET	BSAS	1983	Schrecengost, Randall	ME	BE	1971
Schartner, Joseph R.	IE	BE	1982	Schreffler, Kenneth T.	Cmp.T.	BSAS	1987
Schebler, James H.	ME	BE	1965	Schrieber, Gary J.	Cmp.T.	AAS	1983
Scheckelhoff, Tom J.	DDT	AAS	1981			BSAS	1986
Scheel, Clifford Edward	EUT	ATS	2008	Schreiber, Jon A.	IE	BE	1969
Scheel, Mark A.	Ch.E.	BE	1982	Schueller, Robert J.	ME	BE	1968
Scheetz, David K.	MET	AAS	1976	Schuerer, Eberhard L.	Mt.E.	BE	1953
		BSAS	1978	Schuerer, Paul H.	Mt.E.	BE	1956
Scheetz, Henry A.	EE	BE	1969	Schuetz, Eric R.	I&SE	BE	1997
Scherich, James E.	EUT	ATS	2010	Schukert, Richard	Cmp.T.	AAS	1991
Scherl, Cecelia A.	IE	BE	1979	Schukert, Walter G.	ME	BE	1969
Schertler, Robert P.		AAS	1977	Schulay, Joseph S.	ME	BE	1965
Schesler, Michael J.	CET	AAS	2007	Schuler, David P.	EE	BE	1988
	CET	BSA	2009	Schuler, Herbert F.	IE	BE	1963
Schiavi, Jennifer C.	Cmp.T.	AAS	1986	Schuler, Paul Thomas	EUT	ATS	2008
		BSAS	1988	Schuler, William J.	ME	BE	1980
Schiavone, David J.	ME	BE	1995	Schules, William P.	Ch.E.	BE	2000
Schiavone, Guy A.	EE	BE	1989	Schuller, Erich	Cmp.T.	AAS	1977
Schiavone, Joseph F.	CE	BE	1965	Schuller, Robert J.	ME	BE	1968
Schiavone, Michael J.	CET	BSAS	1990	Schuller, Susan L.	Cmp.T.	AAS	1986
Schick, David P.	EE	BE	1986			BSAS	1992
Schick, John M.	CET	BSAS	1987	Schulman, Micah J.	I&SE	BE	2000
Schick, Kathleen J.	EET	AAS	1981	Schultz, David E.	IE	BE	1989
Schiedel, Matthew M.	CET	BSA	2008	Schultz, John D.		BE	1972
	CET	AAS	2006	Schultz, Richard D.	CE	BE	2005
Schiffer, Patricia M.	Cmp.T.	AAS	1983	Schur, Dennis A.	ME	BE	1967
Schill, Amy L.	EET	AAS	2002	Schurko, Steve M.	IE	BE	1985
		BSAS	2004	Schuster, Frederick C.	Mat.Sci.	BE	1994
Schill, Lorenz M.	Cmp.T.	AAS	1976	Schuster, Lawrence T.	IE	BE	1972
Schimp, Michael J.	Ch.E.	BE	1999	Schuster, Raymond J.	EE	BE	1969
Schindler, Dana E.	CIS	BS	2008	Schuster, Richard	Cmp.T.	BSAS	1984
Schirck, Phillip M.	Ch.E.	BE	1982	Schwager, William J.	IE	BE	1958
Schkurko, Nathan W.	CCET	AAS	2010	Schwartz, Kim	MET	AAS	1990
Schlabough, Larry L.	ME	BE	1989	Schweikart, David E.	Ch.E.	BE	1998
Schlais, Rudolph A. Jr.	EE	BE	1963	Schweikert, Ronald J.	EET	AAS	1980
Schleiden, Raymond F.	Mat.Sci.	MS	1989	Schweiss, Chas L.	IE	BE	1963
Schlosser, Frank	EET	BSAS	1995	Scialdone, Dominic N.	ME	BE	1966
Schluchter, James C.	EE	MS	1978	Sciarra, Michael P.	ME	BE	1997
Schmid, Robert E.	Cmp.T.	AAS	1982	Scibelli, Timothy M.	Ch.E.	BE	1999
		BSAS	1987	Sciortino, Joseph R.	DDT	AAS	1984
Schmid, William R.	Ch.E.	BE	1984	Scobbie, Timothy A.	ME	BE	2005
Schmidt, Craig Andrew	EUT	ATS	2008	Scofield, Christopher R.	EET	AAS	2000
Schmidt, Eric J.	CE	BE	2010			BSAS	2002
Schmidt, John L.	ME	BE	1988	Scott, Brian L.	MET	BSAS	1985
Schmidt, Thomas E.	EET	AAS	1982	Scott, Dean E.	EE	BE	1958
		BSAS	1983	Scott, Douglas J.	EE	BE	1986
Schmied, Matthew J.	Ch.E.	BE	1997	Scott, James W.	ME	BE	1966
Schmitt, Anita M.	Cmp.T.	AAS	1983	Scott, Jeffrey A.	Ch.E.	BE	1984
		BSAS	1987	Scott, John Allan	ME	BE	1971
Schmitt, Thomas E.	EE	MS	1994	Scott, Joseph L.	EE	BE	1959
Schmuzzi, Laurie L.	I&SE	MS	2000	Scott, LeRoy D.	CE	BE	1979
Schmy, Michael S>	EE	BE	1963	Scott, Mike	Mt.E.	BE	1984
Schnabl, Jason R.	I&SE	MS	2001	Scott, Michael E.	EE	BE	1996
Schneider, Daniel Joseph	EE	BE	2008	Scott, Michael W.	CE	BE	1996
Schneider, Donald R.	EE	BE	1988	Scott, Patrick M.	Ch.E.	BE	1985
Schneider, John D.	MET	AAS	1996	Scott, Richard E.	EET	AAS	1979
		BSAS	1997			BSAS	1980
Schneider, Kathleen C.	ME	BE	2008	Scott, Richard J.	Mgt.E.	BE	1977
Schneider, Matthew L.	CE	BE	1982	Scott, Susan E.	CE	MS	1987
Schneider, Thomas J.	EE	BE	1967	Scott, Thomas E.	CE	BE	1962
Schneider, Wilbur G.	EE	BE	1954	Scrip, John R.	Ch.E.	BE	1973
Schnitgen, William E.	IE	BE	1952	Scrocco, Sylvester M.	ME	BE	1950
Schoborg, Thomas F.	CE	BE	1976	Scullin, Judy A.	Ch.E.	BE	1985

Scullin, Terrence H.	ME	BE	1986	Senk, Joseph M.	ME	BE	1976
Sdregas, Nomikos A.	CE	BE	1992	Senne, Douglas L.	ME	BE	1975
Sealy, Kimberly R.	Cmp.T.	BSAS	1985		EE	BE	1981
Searcy, Donald	Cmp.T.	BSAS	1990	Senne, Richard	Cmp.T.	AAS	1988
Sebak, Edward C.	ME	BE	1962	Sensesak, Charles	CET	AAS	1985
Sebastian, Patrick Joel	EE	BE	1989	Sentivany, David L.	IE	BE	1973
Sebastian, Timothy J.	IE	BE	1987	Senvisky, James	MET	BSAS	1993
Sebrell, John A.	EET	BSAS	1980	Senzarin, Kelly L.	Mat.E.	BE	1992
Sebrell, Ricky L.	EET	AAS	2003	Serafino, Nancy C.	Cmp.T.	AAS	1986
		BSAS	2006			BSAS	1988
Sechrist, Michael A.	CET	AAS	1982	Serbic, Jeffrey T.	MET	BSAS	1987
		BSAS	1983	Serbin, Bruce J.	ME	BE	1974
Secich, Thomas J.	Ch.E.	BE	1979	Serbin, John P.	IE	BE	1973
Secora, Christopher M.	EE	BE	1991	Serenko, Eugene A.		AAS	1976
Secora, Michael M.	ME	BE	1969			BSA	1979
Sedall, Rocco	Cmp.T.	AAS	1985	Serenko, Jeffrey S.	CE	AAS	2008
Seddon, Jess T.	EET	BSAS	1978	Serenko, Joseph S.	EET	AAS	1986
Sederland, Craig A.	EE	BE	1981			BSAS	1987
Sedlacko, Kenneth M.	EUT	ATS	2010	Serenko, Robert J.	CET	BSAS	1986
Sedlak, John M.	ME	BE	1956	Serian, George L.	IE	BE	1962
Sedlock, Robert	IE	BE	1965	Serich, Robert D.	IE	BE	1957
Sedmak, Michael G.	EET	BSAS	1987	Serjak, William A.	EE	BE	1961
Sedmak, William M.	EE	BE	1993	Serpico, Randall P.	MET	BSAS	1978
Seel, John R. Jr.	EE	BE	1986	Servenack, Patrick J.	Mat.Sci.	BE	1994
Seelbaugh, Lisa S.		BE	1984	Servenak, Patrice L.	Mat.S	MS	1996
Seeley, Ronald R.	Mt.E.	MS	1974	Servic, Robert	Cmp.T.	AAS	1991
Seery, David C.	Mt.E.	BE	1969	Serzynski, John M.	Cmp.T.	AAS	1981
Seese, Thomas A.	ME	BE	1988	Sescourka, Edward T. Jr.	Ch.E.	BE	1988
Seetharam, Sunku S.	CE	MS	1981	Setterberg, Kevin R.	EE	BE	2000
Sefcik, Carol A.		BE	1981	Setterberg, Roy H.	EE	BE	1960
Sefcik, Christine L.	Cmp.T.	AAS	1984	Setzer, Susan V.	EET	BSAS	1996
Sefcik, David P.	ME	BE	1985	Sevachko, Mark D.	EE	BE	1973
Segesto, Andrea M.	Cmp.T.	AAS	1987	Sevenich, Paul R.	ME	BE	1961
		BSAS	1990	Severa, Aaron M.	EE	BE	2009
Seghi, Edward D.	MET	AAS	1976	Severa, John A.	Mt.E.	BE	1971
Seginak, Cynthia R.	Cmp.T.	AAS	1985	Severn, Steven D.	EET	AAS	1978
Seginak, Dale A.	EE	BE	2007		EET	BSA	1980
Segro, Brian S.	EET	BSAS	1988	Sevi, Ryan	EE	BE	2006
Seidita, Carl J.	Cmp.T.	AAS	1987	Sewall, Kimberly A.	Cmp.T.	AAS	1982
		BSAS	1990	Sewall, Paul J.	EE	BE	1963
Seidler, Kurt O.	C&EE	MS	1998	Sexton, James M.	ME	BE	1969
	CE	BE	1990	Seyrekogul, Uner	CE	BE	1965
Seidler, Robert J.	EET	AAS	1987	Sfara, William E. Jr.	CE	BE	1976
		BSAS	1990	Sferra, Debbie R.	Cmp.T.	AAS	1984
Seidner, Bruce A.	IE	BE	1980	Sferra, Marilyn J.		BE	1982
Seifert, Gary	MET	AAS	1993	Sgambati, James D.	Cmp.T.	AAS	1974
Seifert, Kurt P.	EE	MS	1994	Shade, Robert P.	ME	BE	2002
Seifert, William H.	ME	BE	1958	Shafer, Edward A.	ME	AAS	1980
Seitz, Fred	EET	AAS	1990	Shafer, Erik W.	MET	BSAS	2002
Seitz, Rose M.	Cmp.T.	AAS	1983	Shafer, Richard C.	IE	BE	1950
Sekela, William D.	ME	BE	1985	Shaffer, Alexander G.	Ch.E	BE	2010
Sekol, Chris P.	CE	BE	1994	Shaffer, Bryan D.	Ch.E.	BE	1986
Selak, August J.	Mt.E.T.	AAS	1975	Shaffer, Douglas N.	EET	AAS	1983
	Mt.E.	MS	1979	Shaffer, Gary W.	CE	BE	1996
Selby, Richard A.	ME	BE	1987	Shaffer, Glenn H.	CET	AAS	1989
Sell, Mark S.	EET	AAS	1981			BSAS	1990
		BSAS	1983	Shaffer, Grant L.	EE	BE	1953
Sell, Mathew Earl	EUT	ATS	2008	Shaffer, James Olin	ME	BE	1950
Seltzer, Ralph D.	CE	BE	1960	Shaffer, John W.	EE	BE	1985
Seman, Allen J.	CET	AAS	1972	Shaffer, Stephen G.	EE	BE	1985
		BSAS	1976	Shaffo, Samuel J.	CET	AAS	2009
Seman, John R.	CE	BE	1972	Shafiq, Muhammad K.	Mat.Sci.	MS	1993
Semancik, Joseph M.	ME	BE	1982	Shah, Arunkumar R.	CE	MS	1970
Semick, Edward J.	ME	BE	1951	Shah, Bharat J.	Ch.E.	BE	1971
Senary, May K.		BE	1980	Shah, Chittaranjan S.	ME	MS	1970
Senedak, Marc E.	EUT	ATS	2009	Shah, Dinesh Himatlal	ME	MS	1973
Senedak, Paul	EET	BSAS	1993	Shah, Dipak G.	Ch.E.	BE	1970
Senediak, Michael J.	ME	BE	1991	Shah, Gautam	EE	MS	1971
Senich, Robert L.	EET	AAS	1976	Shah, Girish	ME	MS	1981
		BSAS	1978	Shah, Hasmukh N.	CE	MS	1971
Senk, Henry F.	EET	AAS	1980	Shah, Jitendra O.		BE	1972
		BSAS	1987	Shah, Kanaiyalal S.	ME	MS	1971

Shah, Kinner K.		BE	1971	Sheppard, Donald F.	EET	AAS	2010	
Shah, Kiran J.	Ch.E.	BE	1974	Sherbourne, George E.	ME	BE	1961	
Shah, Kiritkumar H.	ME	MS	1972	Sherhag, Carlie M.	Ch.E.	BE	2006	
Shah, Sureshchandra K.		BE	1972	Sheridan, David W.	Cmp.T.	BSAS	1985	
Shahidi Marnani, Mohammad-H		BE	1980	Sheridan, Thomas J.	CET	BSAS	1990	
Shahshahani, Hosain N.		BE	1980	Sherman, Mark H.	EET	AAS	1981	
Shaikh, Saeed	MET	BSAS	1989			BSAS	1983	
Shaker, Francis J.	ME	BE	1959	Sherman, Robert W.	Cmp.T.	AAS	1976	
Shakeri, Ghasem	CET	BSAS	1982	Sherman, Steven E.	EET	AAS	1988	
Shalchi, Muhanad D.	CE	BE	1987			BSAS	1990	
Shallenberger, David L.	Ch.E.	BE	1979	Sherretts, John C. Jr.	MET	BSAS	1985	
Shambaugh, Matt B.	EE	BE	2009	Sherrod, Scott Andrew	ME	BE	2008	
Shami, Phontel T.	BE	BE	1992	Sherry, Benjamin J.	MET	BSAS	2005	
Shank, John	CE	BE	1966			ATS	2009	
Shannon, Calvin	EET	BSAS	1991	Sherwood, Philip B.	ME	B.S.	1948	
Shannon, Terry C.	Ch.E.	BE	1975	Sheth, Ajit R.		BE	1970	
Shannon, Thomas P.	MET	BSAS	1985	Sheth, Ashwin V.	Ch.E.	BE	1975	
Shanton, John L. III	EET	AAS	1983	Shevetz, Lauren M.	CE	BE	2006	
Shao, Kai-Hong	ME	MS	1994	Shi, Lei	EE	MS	1996	
Shapiro, Murray R.	EE	BE	1962	Shial, Ramesh Dhanji	ME	MS	1971	
Shapona, Brian K.	EET	BSAS	2002	Shibani, Ibrahim M.		BE	1981	
Shapona, Mark G.	Ch.E.	BE	1974	Shickley, Charles D.	ME	BE	1957	
Shariatpanahi, Sharareh	EE	BE	1983	Shieh, Crown-Sen	EE	MS	1986	
		MS	1986	Shields, Brian	EET	AAS	1995	
Shariatpanahi, Sholeh	EE	BE	1980	Shields, Brian T.	EET	BSAS	1997	
		MS	1982	Shields, Bryan R.	CET	AAS	1997	
Sharifi-Niknafs, Behrooz	ME	BE	1985	Shields, David O.	CET	AAS	2003	
Sharifi-Niknafs, Hassan	ME	MS	1979			BSAS	2004	
Sharshan, Robert S.	Ch.E.	BE	1975	Shields, Elvin B.	ME	BE	1974	
Shasho, Charles T.	CET	BSAS	1996	Shifflet, Kevin M.	CE	BE	2005	
Shasho, Lori J.	Cmp.T.	AAS	1985	Shiley, Jeff A.	MET	AAS	1981	
Shasho, Terri A.	Cmp.T.	AAS	1986			BSAS	1986	
Shasteen, Mark A.	IE	BE	1979	Shiller, Paul J.	Ch.E.	BE	1980	
Shattuck, David E.	EE	BE	1976	Shilling, John C.	ME	BE	1999	
Shaughnessy, Michael B.	EE	BE	2006	Shilling, Richard L.	ME	BE	1980	
Shaw, Chris E.	EET	AAS	1988	Shimer, Larry G.	EET	BSAS	1986	
Shaw, David L.	CET	AAS	1984	Shina, Robert M.	Cmp.T.	AAS	1983	
Shaw, Matthew L.	CE	BE	2004	Shina, Toni L.	Ch.E.	BE	1995	
Shaw, Michael F.	EET	AAS	1980	Shinaberry, Dennis P.	Cmp.T.	AAS	1986	
Shaw, Philip A.	ME	BE	1984			BSAS	1987	
Shaw, Wendal A.	EET	BSAS	1978	Shingledecker, John	MET	AAS	1994	
	EE	BE	1986	Shiow, Liushien	ME	MS	1985	
		MS	1989	Shirilla, Gerald D.	IE	BE	1971	
Shaw, Wendy L.	CE	BE	1998	Shirilla, Michael A.	IE	BE	1971	
Shay, George John	ME	BE	1975	Shirilla, Nicholas J.	EET	AAS	1987	
Shearer, Michelle L.		BE	1993			BSAS	1992	
Shearman, Joshua M.	EUT	ATS	2009	Shivak, Paul E.	MET	AAS	1978	
Sheeler, Lloyd	EET	BSAS	1982			BSAS	1985	
Sheely, Michael	ME	BE	1994	Shives, Steven C.	CET	BSAS	1995	
Sheerer, Brent M.	MET	AAS	1982	Shivley, Jon R.	CET	AAS	2000	
		BSAS	1986			MET	BSAS	2000
Sheerer, Timothy A.	EET	AAS	1984	Shoaff, Robert J.	Ch.E.	BE	1961	
		BSAS	1987	Shockey, Victor A.	IE	BE	1987	
Sheets, Carl R. Jr.	EET	AAS	1974	Shockey, William D.	EET	AAS	1988	
		BSAS	1976	Shojaee, Hamid R.	CE	BE	1980	
Sheffar, Lisa J.	Cmp.T.	AAS	1983			MS	1982	
		BSAS	1986	Shojaee, Shohre	EE	BE	1983	
Sheffield, Michael C.	EUT	ATS	2006	Shokrollahi, Mohammad R.	CE	BE	1978	
Sheffield, Scott H.	MET	AAS	1997	Sholtis, Michael P.	EET	AAS	2007	
Shehab, Muhammad E.	CE	BE	1984	Shomo, Cyril Jr.	MET	BSAS	1994	
Shellito, David M.	Mt.E.	BE	1965	Shone, Martin R.		BE	1986	
Shellogg, Robert G.	CE	BE	1962	Shook, Kendra LeeAnn	CHE	BE	2008	
Shemancik, Thomas E.	CET	BSAS	1981	Shook, Richard L.	Ch.E.	BE	1978	
Shen, Dengke	ME	MS	1995	Shope, William W.	EE	BE	1971	
Shen, How Frank	ME	BE	1975			MS	1974	
Sheng, Hui Hsu	ME	MS	1980	Shorokry, Christine L.	Ch.E.	BE	2002	
Sheoran, Vikas S.	EE	BE	2000	Shorts, Jeffrey A.	Cmp.T.	AAS	1978	
Shepard, Clark D.	Ch.E.	BE	1985	Shoup, Donald L.	IE	BE	1964	
Sheppa, Howard	EET	BSAS	1983	Showen, Earl J.	Cmp.T.	AAS	1977	
Sheppa, Mark	Cmp.T.	AAS	1978			BSAS	1980	
		BSAS	1980	Shrader, Daniel R.		BE	1975	
Sheppa, Tim A.	Cmp.T.	BSAS	1986	Shrader, Helen W.		BE	1975	

Shramo, Andrew J.	Cmp.T.	AAS	1982	Singh, Devendra M.		BE	1971
		BSAS	1988	Singh, Kulvir	C&EE	MS	2002
Shreve, Charles R.	IE	BE	1978	Singh, Vikramjit	EE	BE	2004
Shriver, Jeff L.	EE	BE	1984	Singh, Vinay	ME	MS	1979
Shuck, Donald Keith	ME	BE	1950	Singh, Yesh Pal	ME	MS	1974
Shufran, Stephen C.	ME	BE	1974	Sinkovic, Donna M.	Cmp.T.	AAS	1976
Shuluga, Allan W.	Ch.E.	BE	1972	Sinn, Clifford F.	Cmp.T.	AAS	1987
Shumiloff, Alex Jr.	IE	BE	1990	Sinn, Harold E.		BE	1960
Shuntich, Karen A.	Cmp.T.	AAS	1985	Sinopoli, Anthony T.	ME	BE	1992
Shura, Laura M.		BE	1990	Sinopoli, Thomas F.	EE	BE	1966
Shura, Robert J.	EE	BE	1962	Sioukiourogrou, Christine	Cmp.T.	AAS	1987
				Sipler, Kenneth D.	ME	BSAS	1997
Shurell, James M.	CET	AAS	1988				
		BSAS	1989	Sirak, John J. Jr.	CE	BE	1962
Shushereba, John J. Jr.		BE	1978	Sirawan, Hisham M. K.	EE	MS	1977
Shuster, James L.	ME	BE	2007	Sirbu, Thomas A.	CE	BE	1998
	ME	MS	2010	Siriaksorn, Amnuayporn	CE	MS	1974
Shuster, Jerad R.	I&SE	BE	2000	Sirisrisornchai, Chamsri	Cmp.T.	AAS	1973
Shutey, Nicholas	EET	BSAS	1988	Sirko, Jeffrey J.	Ch.E.	BE	2010
Shuttleworth, Edward C.	EET	BSAS	2002	Sisk, Michael R.	EET	AAS	1980
Shuty, James M.	CET	AAS	1996			BSAS	1982
Shvach, William C.	EET	BSAS	1983	Siverling, Arthur W.	ME	BE	1974
Sickafuse, Terry	EET	BSAS	1988	Sivy, Jennifer L.	Ch.E.	BE	1990
Sickle, Rachel A.	Ch.E.	BE	2000	Siwiecki, David A.	Ch.E.	BE	1963
Siddeque, Yasir	PPT	AAS	2007	Siwiecki, Karl J.	ME	BE	1961
Siefert, William H.	ME	BE	1962	Siwiecki, Robert J.	Ch.E.	BE	1961
Siekkinen, Bruce T.	MET	AAS	1981	Skaggs, Matthew R.	EE	BE	2010
		BSAS	1984	Skaggs, Steven D.	EET	BSAS	1979
		BE	1948	Skaleris, Celeste M.	Cmp.T.	AAS	1982
Siglow, Thaddeus A.	ME	BE	1948			BSAS	1984
Sikora, Joseph E.	EET	AAS	1970	Skebo, Patricis A.	Cmp.T.	AAS	1987
		BSAS	1980	Skiba, Andrew	EET	BSAS	1991
Sikora, Stanley J.	ME	BE	2000	Skiba, Fred M.	EET	AAS	1987
Sikra, John Francis	ME	BE	1959			BSAS	1988
Silvernail, Marshall C. Jr.	EET	AAS	1987	Skibo, Michael R.	CE	BE	1989
Silvers, Bradley R.	ME	BE	1993	Skidmore, Eric	EET	BSAS	1993
Silvers, Brian	MET	BSAS	1990	Skinnell, Robert C.	MET	AAS	1983
Silvers, Paul	EET	AAS	1988			BSAS	1985
Simari, Joseph R.	EE	BE	1977	Sklarsky, Joseph L.	EUT	ATS	2009
Simcox, Jason P.	EUT	ATS	2009	Skocik, Amanda C.	CE	BE	2002
Simeck, Boody J.	EET	BSAS	1999	Skocik, Michael J.	CE	BE	2001
Simerlink, John P.	ME	BE	1960	Skornicka, Eric L.	PPT	AAS	2005
Simeone, Frank J.	Ch.E.	BE	1978	Skruck, Chris A.	ME	BE	1989
Simko, Lawrence M.	EE	BE	1973	Skubick, George	Mt.E.	BE	1971
Simmons, Lester C.	CE	BE	1968	Skulratana, Choosak	CE	BE	1968
Simms, Michael G.	EE	MS	1996	Skurich, Michael S.	ME	BE	1997
Simms, Virgil S.	EET	AAS	1982			MS	2006
		BSAS	1983	Skuta, Douglas A.	DDT	AAS	1990
Simock, Bobby J.	EET	BSA	1999	Skvarka, Michael S.	ME	BE	1994
Simon, David T.	EET	AAS	1985	Slabe, Bradley	Cmp.T.	AAS	1992
		BSAS	1987	Slabe, Charles F.	Ch.E.	BE	1982
Simon, Donald L.	EE	BE	1987	Slack, Steve E.	Cmp.T.	BSAS	1982
Simon, John R.	CE	BE	2007	Slagle, David C.	Cmp.T.	AAS	1986
Simon, Joseph A.	EE	BE	1983	Slanco, Michael	EET	BSAS	1983
Simon, Michele	EET	BSAS	1985	Slanina, Adrienne N.	CE	BE	2005
Simon, Susan	Cmp.T.	AAS	1988	Slanina, Donald R.	EE	BE	1967
Simon, Shon J.	MET	BSAS	1997	Slanina, John B.	ME	BE	2000
Simon, William P.	EE	BE	1960	Slanina, Maxwell J.	ME	BE	2004
Simoni, David R.	ME	MS	1997	Slaovan, Bernard	EET	BSAS	1983
Simonoff, George G.		BE	1995	Slater, Bruce R.	CET	AAS	1972
Simonson, Samuel J.	Ch.E.	BE	1992			BSAS	1975
Simoudis, John C.	Mt.E.	BE	1967	Slater, Clayton	MET	BSAS	1991
Simpson, James C.	CET	AAS	2000	Slater, Daniel J.	EET	AAS	1979
Simpson, Robert G.	Cmp.T.	AAS	1979	Slater, Gary A.	EET	AAS	1996
		BSAS	1982	Slater, Keith	Cmp.T.	AAS	1992
		BE	1959	Slater, Richard J.	MET	AAS	1979
Simun, Robert R.		BE	1959	Slater, Roger H.	EE	BE	1967
Simunic, Denise M.	Cmp.T.	AAS	1984	Slattery, Tahme	Cmp.T.	AAS	1989
		BSAS	1988			BSAS	1991
Simunic, Richard	EE	BE	1969	Slaven, David J.	ME	BE	1988
Sinakalai, Suppayah	EE	BE	1992	Slaven, Gary S.	CE	BE	1975
Sinclair, Charles	EET	AAS	1987	Slaven, Harry S.	ME	BE	1993
Sines, Robert G. III	CE	BE	1984				
Sines, Ronald A.	CE	BE	1984				



Slaven, Harry S.	ME	MS	1999	Smith, John Riley	ME	BE	1952
Slaven, Leon	EE	BE	1987	Smith, Joseph J.	MET	AAS	1980
Slaven, Terri L.	Ch.E.	BE	1991			BSAS	1983
Slavens, Robert M.	CE	BE	1978	Smith, Joseph R.	I&SE	BE	1999
Slavic, Thomas A.	EE	BE	1971			MS	2001
Slifka, Joseph P. Jr.	CE	BE	1993	Smith, Kenneth E.	ME	BE	1954
Slinde, Benjamin S.	ME	BE	1999	Smith, Kevin A.	Ch.E.	BE	1999
Slivanya, Bernard J.	CET	AAS	2000	Smith, Kevin S.	CE	BE	1994
Sliwinski, Michael J.	CE	BE	1995	Smith, Kevin L.	ME	BE	1984
Sloan, Donald I.	E.E	BE	1976	Smith, Laura A.	Ch.E.	BE	1988
Sloan, E. Burt	IE	BE	1983	Smith, Mack D. Jr.	IE	BE	1983
Sloan, Frederick W.	EET	AAS	2010	Smith, Mark	MET	AAS	1990
Sloan, Jonathan R.		BE	1995	Smith, Mark A.	CE	BE	1992
Sloan, Joshua	EET	AAS	2005	Smith, Mark W.	ME	BE	1984
Slosnerick, Stephen	Ch.E.	BE	1983	Smith, McKinley	Cmp.T.	AAS	1978
Slovan, Bernard J.	EE	BE	1983	Smith, Michael A.	EE	BE	1975
Slovan, James M.	ME	BE	1985	Smith, Michael A.	ME	BE	1992
Slovasky, Mark S.	ME	BE	1985	Smith, Michael G.	ME	BE	2001
Slovisky, Timothy J.	EE	BE	1986	Smith, Michael S.	EET	BSAS	2003
Slutz, Richard C.	Cmp.T.	AAS	1985	Smith, Michael T.	MET	BSAS	1988
Sly, Diana L.	EE	BE	1992	Smith, Myles	CET	AAS	1973
Smail, Josepe P.	EE	BE	1950	Smith, Paul A.	EE	BE	1968
Smail, Michael D.	ME	BE	1995	Smith, Paul L.	IE	BE	1963
Smaldino, Gary D.	Ch.E.	BE	1981	Smith, Philip E.	EE	BE	1979
Small, Elmer S.	EET	BSAS	1997	Smith, Rae L.	Cmp.T.	BSAS	1988
	EET	AAS	1995	Smith, Randal L.	MET	AAS	1978
Small, William L.	EE	BE	1984			BSAS	1981
Smallwood, Michael A.	MET	BSA	2009	Smith, Randy L.	CE	BE	1992
Smaltz, Dianna	Cmp.T.	AAS	1990	Smith, Raymond M.	EE	BE	1964
Smaltz, Robert P.	Cmp.T.	BSAS	1983	Smith, Richard C.	ME	BE	1958
Smerchansky, James H.	EE	BE	1985	Smith, Richard J.	EE	BE	1964
Smerek, William J.	EE	BE	1984	Smith, Richard J.		BE	1963
Smidt, Kimberly S.	IE	BE	1980	Smith, Richard M.	EE	BE	1963
Smigel, Robert W.	EE	BE	1963	Smith, Robert W.	MET	AAS	1988
Smiley, Don J.	EET	AAS	1973			BSAS	1989
		BSAS	1982	Smith, Robert A.	Cmp.T.	AAS	1971
Smiley, James E.	Ch.E.	BE	2000	Smith, Robert H.	MET	AAS	1986
Smith, Alan	EET	AAS	1991	Smith, Robert J.	CE	BE	1968
Smith, Alfred J. II	IE	BE	1973	Smith, Roger H.	MET	BSA	2010
Smith, Alfred M.	IE	BE	1959	Smith, Russell A.	MET	AAS	1986
Smith, Barbara J.	Cmp.T.	AAS	1984	Smith, Stanley M.	Cmp.T.	AAS	1971
Smith, Bradley F.	EUT	ATS	2004	Smith, Stephen S.	CET	AAS	1973
Smith, Brent E.	EUT	ATS	2005	Smith, Thomas H.	EE	BE	1968
Smith, Brian W.	EE	BE	1980	Smith, Thomas P.	EET	AAS	1983
Smith, Brian K.	EE	BE	1992			BSAS	1986
Smith, Chad M.	EET	BSAS	2003	Smith, Vernon C. Jr.	IE	BE	1958
Smith, Daniel A.	EE	MS	1999	Smith, Walter S.	MET	AAS	1984
	EE	BE	1990			BSAS	1987
Smith, Daniel J.	EET	AAS	1996	Smith, William J.	CET	AAS	1987
Smith, Dave L.	EE	BE	1996	Smith, William J.	EET	AAS	2000
Smith, David	Cmp.T.	AAS	1990			BSAS	2002
Smith, David A.	EE	BE	2002	Smogor, Craig Vincent	EUT	ATS	2008
Smith, David J.	ME	BE	1965	Smrek, Albert R.	IE	BE	1959
Smith, Daniel A.	EE	BE	1990	Smrek, Randall G.	ME	BE	1986
Smith, Dewayne	IE	BE	1969			MS	1990
Smith, Diane	EET	AAS	1983	Smrek, William G.	ME	BE	1987
		BSAS	1984	Smuke, Edward P.	CE	BE	1980
Smith, Duane E.	Mt.E.	BE	1956	Smyers, William L.	CE	BE	1981
Smith, Emmett Lee	CE	BE	1953			MS	1987
Smith, Frank M.	Ch.E.	BE	1989	Smyth, Michael James	EUT	ATS	2008
Smith, Frank P.	IE	BE	1970	Snider, Craig E.	ME	BE	1998
Smith, Gerald C.	Cmp.T.	AAS	1977	Snizek, Daniel E.	EE	BE	1979
Smith, Howard W.	CE	BE	1960	Snovak, James M.	CET	AAS	1972
Smith, Jack T.	EE	MS	1996	Snow, David M.	EE	BE	1972
Smith, James G.	Ch.E.	BE	1972	Snow, John Charles	EE	BE	1960
Smith, James S.	ME	BE	1972	Snow, Samuel J.	EET	AAS	1987
Smith, Jamie L.	Mat.Sci.	BE	1994	Snow, Stephen B.	Ch.E.	BE	1976
Smith, Janet K.		BE	1987	Snyder, Christopher	EUT	ATS	2010
Smith, Jeffrey	Cmp.T.	AAS	1979	Snyder, Clayton D.	CET	AAS	2010
Smith, Jeffrey S.	CE	BE	1994	Snyder, Hugh E.	DDT	AAS	1990
Smith, John E.	EE	BE	1998	Snyder, James M.	Cmp.T.	AAS	1986
Smith, John M.	Mt.E.	BE	1987	Snyder, James R.		AAS	1973

Snyder, Jason P.	EUT	ATS	2009	Sostarich, Anthomy	EE	BE	1953
Snyder, John B.	EET	AAS	1973	Sotack, George D.	Cmp.T.	AAS	1984
		BSAS	1975			BSAS	1986
Snyder, John Raymond	ME	BE	1966	Sotak, John A.	MET	AAS	1986
Snyder, Lincoln L.	CE	BE	1960			BSAS	1987
Snyder, Matthew A.	DDT	AAS	2000	Sotkovsky, Russell A.	EE	BE	1967
Snyder, Nancy	MET	BSAS	1992	Sotlar, Kathryn D.	I&SE	BE	2003
Snyder, Patrick V.	Cmp.T.	AAS	1974	Sotus, Peter	CET	BSAS	1984
		BSAS	1981	Souraty, Mario J.	EE	BE	1982
Snyder, Peter J.	Cmp.T.	BSAS	1982	Sourges, James G.	EE	BE	1985
Snyder, Ray Cooper	ME	BE	1958	Sovak, Ronald W.	EE	BE	1974
Snyder, Robert E.	ME	MS	1980	Sovesky, Robert J.	Ch.E	BE	2009
Snyder, Robert J.	CE	BE	1970	Sowards, Samuel J.	CE	BE	1978
Snyder, Ronald W.	EET	AAS	1977	Sowers, Ann	Cmp.T.	AAS	1992
		BSAS	1978	Sowers, Brian D.	CET	AAS	1990
		AAS	1974			BSAS	1992
Snyder, Thomas H.	EET	AAS	1974	Sowers, Lynn C.	CET	BSAS	1990
Sobnosky, Brian F.	CE	BE	1984	Spacek, Michael D.	EET	AAS	1982
Soccorsy, William D.	EE	BE	1966			BSAS	1987
Socha, Christine S.	Ch.E.	BE	1992			BE	1991
Socha, Theodore L.	Ch.E.	BE	1986	Spackman, Brad E.	CE	BE	1998
Sodha, Chandrakant V.	CE	MS	1974	Spackman, Scott C.	ME	BE	1986
Sohrawardy, Nazia	C&EE	MS	2002	Spadafora, George	MET	BSAS	1986
Sokie, James B.	IE	BE	1967	Spade, Steven D.	EUT	ATS	2010
Sokol, David K.	EET	AAS	1983	Spadone, John	EET	AAS	1989
Sokol, William B.	EE	BE	1960			BSAS	1990
Soldan, John S. Jr.	Cmp.T.	AAS	1974	Spain, Samuel D.	Ch.E	BE	1998
Solic, Anthony J.	EE	BE	2006			MS	2001
Solich, James T.	EET	AAS	1988	Spaine, Charles A.	EUT	ATS	2010
		BSAS	1991	Spalding, Phillip J.	EUT	ATS	2010
Solinsky, Andrew L.	ME	MS	2004	Spalla, John	Cmp.T.	BSAS	1980
Soldo, Jeffrey J.	ME	BE	1986	Spanitz, John F.	Mt.E	BE	1965
Soleimanpour, Saeed	CE	BE	1979	Spatara, Timothy P.	MET	BSAS	1981
		MS	1982	Spaulding, Edgar M. III	EE	BE	1983
Solich, Matthew J.	ME	BE	1963	Spay, David J.	CET	BSAS	2001
Sollitto, Raymond G.	EET	AAS	1986	Spayd, Randall A.	Ch.E.	BE	1991
Solmen, Michael J.	IE	BE	1989	Speaker, Lindsay Danielle	EET	BSA	2008
Solomon, John S.	CET	AAS	1982		EET	AAS	2007
		BSAS	1984	Spear, Donald R.	ME	BE	1980
Solomon, Joseph J.	ME	BE	1989	Speece, William M.	CE	BE	1977
Solomon, Michael	CE	BE	1957	Speero, Arthur R.	MET	BSAS	1988
Soloveiko, Daniel	Ch.E.	BE	1958	Speicher, Charles B.	CE	BE	1963
Solowal, Brian G.	MET	AAS	2000	Speis, George J.	EE	BE	1973
		SAS	2000			MS	1975
Soltis, Joseph P.	EET	AAS	1987	Spencer, Charles G.	CET	BSAS	1978
		BSAS	1990	Spencer, Jill	Cmp.T.	AAS	1989
Soltis, Kevin J.	ME	BE	1986	Spencer, Todd J.	ME	BE	1993
Solvesky, Jeffrey M.	CET	AAS	2002			MS	1995
		BSAS	2003	Sphatt, William C.	ME	BE	1997
Somasundar, S. N.	ME	MS	1972	Spicher, Donald L.	MET	AAS	1988
Somich, Robert T.	Ch.E.	BE	1954	Spicker, Roswitha G.	Cmp.T.	BSAS	1984
Sommers, Brian L.	EE	BE	1995	Spiker, Darrell D.	EE	BE	1974
Somple, George L.	IE	BE	1958	Spiker, Darrell D.	ME	BE	1965
Sondles, Richard T.	ME	BE	1991	Spiker, Dyrke L.	ME	BE	1965
Songer, Thomas E.	ME	BE	1957	Spiker, James E.	EET	AAS	1983
Sonntag, David N.	MET	AAS	1973			BSAS	1985
Sood, Devendra K.	ME	BE	1973	Spindler, Robert G.	ME	BE	1966
Soos, Noel Lee	EE	BE	1961	Spisak, Andrew M.	EE	BE	1976
Sopko, Donald J.	Ch.E.	BE	1970	Spivey, Hattie N.	EET	AAS	1981
Sopkovich, John J.	EE	BE	1985	Spon, Hope E.	Ch.E.	BE	1984
Soria, Juan C.	Ch.E.	BE	1980	Sponaule, Scott D.	MET	BSAS	2000
Soriano, Christine M.	Cmp.T.	AAS	1987	Sposato, John	EET	AAS	1979
		BSAS	1989	Sprague, Michael J.	Ch.E.	BE	1988
Soriano, Margaret	EET	BSAS	1989	Sprague, Philip S.	ME	BE	1968
Soroka, Daniel P.	ME	BE	1971	Sprankle, Deborah J.	Cmp.T.	BSAS	1986
Soroka, John A.	EE	BE	1981	Sprankle, Richard L. Jr.	EET	AAS	1983
Soroka, Susan M.	Cmp.T.	AAS	1985			BSAS	1985
Sorokach, Lisa E.	IE	BE	1985	Sprinkle, Larry A.	EET	AAS	1972
Sorokach, Robert J.	ME	BE	1961			BSAS	1975
Sorvillo, Tracie N.	Ch.E.	BE	1996	Sprungle, Raymond J.	EE	BE	1997
				Spryn, Joseph W.	ME	BE	1993
Sosnowski, James J.	Cmp.T.	AAS	1985	Spyko, Anthony	EET	AAS	1974
		BSAS	1986			BSAS	1976

Squives, Robert	EE	MS	1979	Stassin, Jeffrey L. Sr.	Ch.E.	BE	1980
Sribakulapu, Uprenda	Cmp.T.	AAS	1973	Stassinios, Elias	Ch.E.	BE	1982
Srisang, Bongkot	EE	MS	2005	Statler, Amy J.	EE	BE	1990
Sritalapat, Poonsak	EE	MS	1994	Staub, Justin A.	ME	BE	2005
Sroka, Celia F.	CE	MS	1980			MS	2007
Sroka, Joseph T.	Ch.E.	BE	1986	Staudacher, Daniel W.	EE	BE	1985
Stabile, Denise	EE	BE	1974	Staudacher, Paul A.	EE	BE	1981
	CET	AAS	1982	Stauffer, Charles E.	CE	BE	1967
		BSAS	1984	Stauffer, Ronald	MET	BSAS	1989
Stabile, Richard J.	EE	BE	1990	Stavana, Edward J.	EE	BE	1977
Stack, Kevin	EET	BSAS	1989	Stavlas, Gerald J.	CE	BE	1979
Stacks, Cynthia	Cmp.T.	AAS	1984	Stavrides, Alexandros	CE	BE	1980
Stacy, Hugh E. Jr.	ME	BE	1956			MS	1982
Stadler, William S.	I&SE	MS	2008	Stavrou, Georgia	Cmp.T.	AAS	1976
Stadnik, Theodore J.	EE	BE	2005	Stebner, Dean F.	MET	AAS	1978
Stafford, J. Darrell	MET	AAS	1982			BSAS	1978
		BSAS	1984	Stecker, Todd W.	ME	BE	1995
Stafford, Joseph D.	CE	BE	1974	Steel, Joshua	EE	BE	2004
Stahara, Ronald J.	EE	BE	1965	Steel, Matthew J.	CET	BSAS	1997
Stahara, Theodore J.	ME	BE	1972	Steele, Tara L.	CET	AAS	2004
Stahura, Daniel W.	EE	BE	1971			BSAS	2005
Stambaugh, Clayton E.	EE	BE	1951	Steele, Robert E.	EE	BE	1971
Stambaugh, William R.	ME	BE	1948	Steepleton, Patricia J.	Cmp.T.	AAS	1985
Stamm, Del Call	ME	BE	1984			BSAS	1987
Stamm, John H. III	MET	AAS	1981	Steepleton, Richard W.	EET	AAS	1988
		BSAS	1984	Steer, Joseph M.	MET	AAS	1981
Stamm, Julia K.		BE	1981	Stefanak, James A.	EE	BE	1972
Stan, Jason W.	EE	BE	2009	Stefano, Daniel A.	MET	BSAS	1985
Stanbolia, James M.	ME	BE	1996	Stefanovic, Dusan D.	EE	BE	2006
Stanchin, John W.	EET	AAS	1996	Stefanowicz, Randy L.	CET	AAS	1975
Stancin, John P. Jr.	EE	BE	1963	Steffey, Robert D.	ME	BE	1981
Stanek, Susan L.	Cmp.T.	AAS	1982	Steffy, Brian K.	CE	BE	1991
Stanislav, Stephen J.	EE	BE	1979	Stefko, David R.		BE	1985
Stanislaw, Chrysa A.	CE	BE	1999	Stefo, Mike A.	EE	BE	1985
Stanislaw, Joseph M.	MET	BSAS	1981	Stefurak, Andrew D.	MET	BSA	2009
Stanislaw, Nathan T.	CE	BE	1999	Steh, Stephen L.	EET	AAS	1976
Staniszewski, Norbert	EE	MS	1979			BSAS	1979
Stankewitz, Roy	DDT	AAS	1989	Steib, David D.	EET	BSAS	1978
	MET	BSAS	1993	Steibly, Robert L.	ME	BE	1970
Stankich, Joseph M.	EET	AAS	1983	Steinbaugh, Gary D.	EE	BE	1975
		BSAS	1986	Steinbeck, Laura L.	Cmp.T.	BSAS	1984
Stanko, Mark A.	Cmp.T.	AAS	1985	Steiner, Matthew	EET	BSAS	1992
		BSAS	1989	Steinke, Carol J.	Cmp.T.	AAS	1984
Stanley, Billy R.	ME	BE	1962	Steinke, Edward P.		AAS	1977
Stanley, Delmar O.	Mt.E.	BE	1962	Steller, William R.	EET	AAS	1978
Stanley, Gail R.	EET	BSAS	1997	Stellmar, Kevin	MET	BSAS	1994
Stanley, John S.	MET	AAS	1984	Stellmar, James A.	DDT	AAS	1984
		BSAS	1987		MET	BSAS	1987
Stanoikovich, Milan J.	IE	BE	1960	Stellmar, Michele A.	IE	BE	1988
Stansbury, Adam W.	EET	AAS	2006	Stemple, Jerry Lee	ME	BE	1963
Stanton, David M.	MET	AAS	1977	Sten, Carl B.	EE	BE	1967
Stanton, Jasun L.	CE	BE	1995	Sten, Robert L.	MET	AAS	1983
Stanton, Neil	Ch.E.	BE	1984	Stenger, Charles L.	EE	BE	1961
Stanton, Terry R.	CET	BSAS	1984	Stepan, Andrew M.	MET	AAS	1998
	CE	MS	1986			BSAS	2000
Stanton, Thomas R.	Ch.E.	BE	1977	Stepanchak, George		BE	1984
Stanton, William P.	Mt.E.	BE	1961	Stephens, Terry	MET	BSAS	1990
Stanton, William T.	EE	BE	1997	Stephenson, Paul-Anthony	MET	BSAS	2001
Staraitis, Gretchen L.	Mat.Sci.	BE	1990	Stephenson, Susanna M.	Cmp.T.	AAS	1985
Stare, Scott	Cmp.T.	AAS	1989			BSAS	1987
		BSAS	1990	Stepuk, Paul	EE	BE	1960
Stare, Stephen E.	Cmp.T.	AAS	1981	Stere, Boyd L.	EET	AAS	1971
		BSAS	1982	Sternagle, David A.	Mt.E.	BE	1982
Stark, Charles E.	ME	BE	1964		ME	MS	1985
Stark, Paul R.	EET	AAS	1986	Sternagle, Richard H.	EET	AAS	1978
Stark, Warren E.	EE	BE	1955		EE	BE	1981
Starling, David A.	Mat.Sci.	BE	1992	Stetts, John S.	Cmp.T.	AAS	1972
Starnes, Paul G. Jr.	EET	BSAS	1986			BSAS	1977
Starnes, John C.	MET	BSAS	1988	Steven, Kristina J.	Ch.E	BE	2004
Starr, Brian	EET	AAS	1988	Stevens, Brandon S.	EUT	ATS	2009
Starr, Edward J.	IE	BE	1972	Stevens, Jeffrey A.	Cmp.T.	BSAS	1980
Starr, William J.	CE	BE	1969	Stevens, Joel T.	Cmp.T.	AAS	1972

Stevens, Kenneth C.	EET	BSAS	1980			MS	1984
Stevens, Lloyd E.	ME	BE	1958	Stotler, Vicki L.	CET	AAS	1980
Stevens, Randy S.	Mt.E.	BE	1982	Stouffer, David	Cmp.T.	AAS	1992
Stevens, Robert C.	Mt.E.	BE	1949	Stover, David E.	CET	AAS	1999
Stevens, Rodney W.	ME	BE	1989	Stover, Jana L.	EET	AAS	1999
Stevens, Steve	EE	BE	1960	Stoyanoff, Robert	IE	BE	1952
Stevens, Vernon	MET	BSAS	1988	Stoyer, Roy Donald	ME	BE	1976
Stevenson, Gary J.	EE	BE	1992			MS	1978
Stevenson, Michael J.	EET	BSAS	2003	Straight, Keith R.	CE	BE	2005
Stevenson, Robert V.	EE	BE	1956	Stran, Christopher J.	ME	BE	1995
Stevenson, Verle	Cmp.T.	BSAS	1989	Stran, Jeffrey J.	ME	BE	1992
Stevey, Jordan M.	EUT	ATS	2010	Stran, Jeffrey J.	ME	MS	1997
Stewart, Charles R.	ME	BE	1959				
Stewart, David M.	Cmp.T.	AAS	1981	Strang, William G.	ME	BE	1986
		BSAS	1985			MS	1988
Stewart, James M.	EET	AAS	1984	Stratton, Michele A.	IE	BE	1991
Stewart, Jeffrey A.	EE	BE	2006	Straub, Edward A.	ME	BE	1972
Stewart, Jimmy D.	MET	BSAS	1982	Straughn, Edward E.	Mt.E.	BE	1962
Stewart, Nancy M.	Cmp.T.	AAS	1983	Straus, Robert J.	IE	BE	1983
Stewart, Shane M.	CE	BE	1997	Strauser, Ronald K.	CET	BSAS	2004
Stewart, Theodore C.	CE	BE	1956	Strawderman, Debra L.	Cmp.T.	AAS	1983
Stewart, Wendall	EET	AAS	1991			BSAS	1984
		BSAS	1992	Strawinski, Ben	MET	AAS	1978
Stickel, Scott E.	EE	BE	1980			BSAS	1993
Stiffler, Ted K.	EE	BE	1984	Stredney, William E. Jr.	Cmp.T.	AAS	1972
Stigliano, Frank J.	EE	BE	1951	Street, Richard H.	Ch.E.	BE	1981
Stigliano, Seth	MET	BSA	2009	Strickland, Buddy	EET	AAS	1991
Stille, John F.	EET	AAS	1988	Stricklin, Mark	Cmp.T.	AAS	1985
		BSAS	1992			BSAS	1991
Stillwagon, Brittany L.	EE	BE	2010	Strines, Anthony B.	Mt.E.	BE	1961
Stillwagon, Ronald W.	EE	BE	1991	Strines, Theresa A.	Cmp.T.	AAS	1984
Stinard, Eric M.	EUT	ATS	2008	Strock, Thomas R.	CE	BE	1976
Stine, Frederick J.	ME	BE	1983	Strohecker, Dale R.	MET	AAS	1971
Stinellis, William J.	EET	AAS	1985			BSAS	1984
		BSAS	1989	Strohecker, John D.	EET	AAS	1981
Stiner, Gary L.	CE	BE	1998	Strohmeyer, Dorothy E.	Cmp.T.	AAS	1982
Stipanovich, David T.	Cmp.T.	AAS	1987	Strollo, Lawrence M.	EE	BE	1981
Stipetich, Michael M.	CE	BE	1983	Strom, Kenneth W.	EE	BE	1965
Stirling, Brian J.	Cmp.T.	AAS	1986	Stroney, Steve J.	MET	BSAS	2005
Stitt, Brett A.	EE	BE	2007	Strong, Michael S.	MET	AAS	1999
Stitt, Theodore J.	CE	BE	1968	Strong, Richard D.	Ch.E.	BE	1991
Stiver, Alan W.	EE	BE	1986	Strosser, Robert F.	ME	BE	1964
St.John, Charles E.	EE	BE	1977	Stroud, David A.	CE	BE	1978
St.John, Rodney D.	IE	BE	1990	Stroup, Robert T.	ME	BE	1971
Stobinski, David A.	EET	AAS	1971	Stryffeler, Adam C.	ME	BE	2003
Stock, Joseph F. Jr.	CE	MS	1992	Stryffeler, David A.	EE	BE	1983
Stockham, James R.	EE	BE	1950	Stryker, William	MET	BSAS	1992
Stockman, John	EET	BSAS	1988	Stuart, David A.	EE	BE	1987
Stocz, Jim T.	CET	AAS	1979	Studer, Bryan E.	CE	AAS	1992
Stodolak, Stanley J.	CE	BE	1988			BSAS	1994
Stoerber, Eric J.	Ch.E.	BE	1984	Stull, Russell A.	DDT	AAS	1985
Stofan, Scott A.	EET	AAS	2005	Stulock, Edward M.	EE	BE	1991
		BSAS	2006	Stumpff, Paul F.	MET	BSAS	1984
Stoides, John G.	EE	BE	1961	Sturdevant, Dale W.	Cmp.T.	AAS	1986
Stojanovic, Alexander	EE	BE	1997			BSAS	1991
		MS	1998	Sturges, Timothy R.	CE	BE	2007
Stojanovic, Milan D.	MET	BSAS	2000	Styduhar, Mark S.	EE	BE	1988
Stoklosa, Robert J.	CET	AAS	1981	Styer, James P.	EET	AAS	1983
		BSAS	1984			BSAS	1984
Stolic, Kimberli	Cmp.T.	AAS	1991	Styers, Lester R.	CE	BE	1971
Stoll, Daniel J.	IE	BE	1967	Stym, Derrick	EET	AAS	1988
Stoll, John R.	IE	BE	1971	Styn, Mary A.	Cmp.T.	BSAS	1985
Stoll, John S.	MET	BSAS	2004	Styranec, Thomas J.	Ch.E.	BE	1998
Stolmack, David R.	IE	BE	1958	Styranec, Timothy M.	Ch.E.	BE	2000
Stone, Bradley F.	CE	BE	2009	Suarez, Luis F.	Ch.E.	BE	1968
Stone, David G.	CET	BSAS	1980	Subasic, Richard T.	CE	BE	1974
Stone, James W.	Mgt.E.	BE	1977	Sublett, Daniel	CET	AAS	2006
Stork, James J.	Mt.E.	BE	1952			BSAS	2007
Stormer, Jeffrey A.	Cmp.T.	AAS	1985	Subramaniam, Rajesh	I&SE	MS	2005
		BSAS	1987	Suchanek, Robert A.	Ch.E.	BE	1983
Stosik, Timothy G.	MET	BSAS	1977	Suchora, Daniel H.	ME	BE	1968
Stosky, Robert S.	Mat.Sci.	BE	1975			MS	1970

Suchora, Donald J.	CE	BE	1967	Swearingen, Bruce L.	EE	BE	1969
Suchora, Mitchell C.	IE	BE	1971	Swearingen, William E.	Ch.E.	BE	1968
Suchora, Richard	IE	BE	1961	Swedenborg, Randall W.	DDT	AAS	1986
Suchora, Steven J.	ME	BE	1962	Sweder, Michael S.	CE	BE	1995
Suchy, Thaddeus J.	Cmp.T.	AAS	1986	Swedik, Thomas E.	EUT	ATS	2009
Sudol, Shaun D.	EE	BE	2007	Sweeley, David W.	ME	BE	1955
Sudol, Robert	CE	BE	1984	Sweeley, Gary K.	Mt.E.	BE	1962
Sudol, Robert L.	CET	BSAS	1984	Sweeney, Edward L.	Cmp.T.	AAS	1973
Suen, Janq-Fang	EE	MS	1987	Sweeney, Maureen A.	Ch.E.	BE	1985
Sufzer, Drew T.	CET	AAS	2006	Sweeney, Phillip E.	EET	AAS	1986
Suhar, Richard A.	Mt.E.T.	AAS	1974			BSAS	1989
	IE	BE	1983	Sweetko, Joseph D.	MET	AAS	1986
Suhey, Brian P.	Ch.E.	BE	1982	Sweetko, Ronald	MET	BSAS	1991
Suhey, Dina L.		BE	1986	Sweetman, Richard F.	EET	AAS	1985
Suhich, Carol L.	IE	BE	1981	Sweitzer, Richard C.	ME	BE	1972
Sujjapunroj, Surasit	CE	MS	1977	Sweny, Dennis J.		BE	1980
Sujka, Michael	Ch.E.	BE	1966	Swetel, Lester F.	CET	AAS	1992
Sulecki, Richard P.	ME	BE	1961	Swogger, Evan G. Sr.	IE	BE	1962
Sulek, Michael W.	EET	AAS	1984	Swogger, Justin R.	EUT	ATS	2009
		BSAS	1985	Swym, Derrick J.	EET	AAS	1988
Sulenski, Leigh A.	Cmp.T.	AAS	1986			BSAS	1989
		BSAS	1987	Syed, Altaf	EE	BE	1995
Sullivan, Kenneth	Cmp.T.	AAS	1991	Syed, Altaf	EE	MS	2008
Sullivan, Kenneth E.	CE	BE	1968	Syed, Asif	EE	BE	1995
Sullivan, Michael	EET	BSAS	1995	Syed, Masud A.	C&EE	MS	1999
Sullivan, Paul	MET	AAS	1984	Sykes, David W.	EET	AAS	1982
Sullivan, Richard W.	IE	BE	1971			BSAS	1985
Sullivan, Robert W.	CET	BSA	2010	Sylvester, Wade L.	ME	BE	1976
Sullivan, Terrence J.	MET	BSAS	1985	Symbolik, William S.		BE	1959
Sulzbach, Robert F.	IE	BE	1970	Symons, Maitland E. Jr.	EE	BE	1968
Summers, Ronald D.	EE	BE	1979	Sympson, Frank F.	MET	BSAS	1985
Summers, Ronald D.	Mt.E	BE	1965	Sympson, James	MET	BSAS	1985
Sunderlin, James M.	ME	BE	1976	Sympson, Kenneth	MET	BSAS	1990
Sundin, Larry L.	Ch.E.	BE	1972	Syms, Robert M.	ME	BE	1983
Sundstrom, John R.	ME	BE	1971	Sypert, Linda K.	Cmp.T.	AAS	1978
Superak, Peter J.	MET	AAS	2000	Syrakis, Thomas A.	ME	BE	1961
		BSAS	2001	Syrianoudis, Thomas	EET	AAS	1979
Suriyayothin, Nongluck	Mat.Sci.	MS	1979			BSAS	1982
Susa, Margarito Q.	EE	BE	1988	Syvanych, John A.	EUT	ATS	2009
		MS	1994	Sywarungsymun, Chet		BE	1972
Susak, Thomas	ME	BE	1989	Szabo, Alan A.	Cmp.T.	AAS	1984
Susich, Nick Jr.	CE	BE	1988	Szakacs, Michael A.	ME	BE	1985
Suthrin, Thomas W.	Cmp.T.	AAS	1971	Szalay, Frank Z.	ME	BE	1984
Sutherland, David C.	ME	BE	1983	Szanny, Roy G.	ME	BE	1972
Sutikant, Sanpope	CE	MS	1977			MS	1977
Sutphin, Edward R.	EE	BE	2007	Szczurek, Michael J.	EET	AAS	1978
Suttiwichet, Vanchai	CE	MS	1971			BSAS	1979
Sutula, Rebecca A.	Cmp.T.	AAS	1982	Szczurek, Richard J.	EET	AAS	1983
Suvanatap, Vorakij	ME	MS	1972			BSAS	1992
Svetlak, George J. II	Ch.E.	BE	1991	Szczyglowski, Philip	IE	BE	1975
Swab, Laura	CET	BSAS	1989	Szepietowski, Drew R.	EUT	ATS	2007
Swabek, Carl G.	IE	BE	1980	Szmaj, Casimir	ME	BE	1961
Swager, William C.	ME	BE	1966	Szmaj, Michael S.	EE	BE	1963
Swagger, Lori A.	Cmp.T.	AAS	1985	Szmar, Thomas J.	EET	AAS	1976
Swain, Tony D.	I&SE	BE	2001	Sztary, Matthew E.	EET	BSAS	2006
Swallie, Adam Earl	EUT	ATS	2008	Szura, Jeffrey P.	EET	BSAS	2004
Swan, David R.	Ch.E.	BE	1985	Szush, Thomas D.	CE	BE	1957
Swan, Kawonza K.	MET	BSAS	2000	Ta, Hung D.	EE	BE	1991
Swaneck, Anthony J. Jr.	ME	BE	1954			MS	1992
Swank, Daniel J.	MET	AAS	1979	Tabak, David G.	CE	BE	1976
Swaney, Donald A.	Ch.E.	BE	1959	Tabaka, Chester E.	CE	BE	1980
Swansiger, Albert E.	EET	AAS	1979	Tabatabai, Zhila		BE	1980
Swanson, Gary D.	ME	BE	1962	Tabbara, Zouhair R.	CE	BE	1967
Swanson, James N.	EET	AAS	1983	Tabbouche, Marouane	CEEGR	MS	2008
Swanson, Nora	EET	BSAS	1990	Tabet, Maroun A.	Cmp.T.	AAS	1975
Swanson, William P. II	CE	BE	1995			BSAS	1977
Swantek, Gregory J.	EE	BE	2002	Tach, John D.	EET	AAS	1979
Swantek, Brian Douglas	MET	AAS	2008	Tackett, Keith M.	Ch.E.	BE	1976
Swartz, Howard	EET	BSAS	1989	Tackett, Timothy N.	ME	BE	1980
Swartz, Joseph F. Jr.	ME	BE	1953			MS	1986
Swauger, Maryjo	MET	AAS	1976	Tackett, Wendell D.	ME	BE	1984
		BSAS	1985	Tacsik, Ernest G.	EE	BE	1981

Tacsik, Nathan A.	ME	BE	2010	Taylor, Kimberly	Cmp.T.	AAS	1992
Tadayon, Mohamade T.	EE	BE	1972	Taylor, Mark V.	Cmp.T.	BSAS	1987
Taft, Jeffrey D.	EE	BE	1977	Taylor, Michael J.	Ch.E.	BE	1970
		MS	1978	Taylor, Richard G.	EET	BSAS	1986
Tagle, Mario C.	DDT	AAS	1989	Taylor, Rhoda A.	NET	BSAS	1998
Taher, Tamer A.	EE	MS	2006	Taylor, Roy D.	IE	BE	1961
Takach, Robert M.	CET	AAS	1985	Taylor, Scott	EET	AAS	1995
Takacs, Janet R.	CE	BE	1981	Taylor, Scott S.	EET	BSAS	1997
Taki, Basel A.	MET	AAS	1986	Taylor, William Allen	ME	BE	1952
		BSAS	1987	Taylor, William D.	MET	AAS	1978
Taliani, Craig	EET	BSAS	1992			BSAS	1980
Talkowski, John P.	ME	BE	1949	Teaberry, Lawrence A.	EE	BE	1951
Talwar, Jagdeep	Ch.E.	BE	1987	Teague, Janet E.	Cmp.T.	AAS	1981
		MS	1990			BSAS	1983
Tamayo, Michelle C.	MET	BSA	2009	Teague, Le'Tayia	I&SE	BE	1999
Tambakis, Nicholas C.	ME	BE	1984	Tedeschi, Frank P.	EE	BE	1961
Taneri, Gary R.	CE	BE	1984	Teel, Sheldon C.		BE	1975
Taneri, William J.	CE	AAS	1993	Teeters, Karl W.	Cmp.T.	BSAS	1987
		BSAS	1994	Teeters, Kimberly A.	Ch.E.	BE	1986
Taneyhill, Timothy G.	Cmp.T.	AAS	1983	Teets, Michael W.	ME	BE	1979
		BSAS	1986	Teilbet, Darwin L.	CE	BE	1962
Tanferno, Richard P.	CET	AAS	1980	Tejani, Kaushik M.		BE	1972
Tang, Tong-Dar	ME	MS	1985	Telesz, David A.	EET	AAS	1973
Tanguay, Pierre L.		BE	1984	Telesz, Francis J.	EE	BE	1950
Tanin, James J.	EE	BE	1972	Telesz, John Paul	ME	BE	1974
Taninecz, Demetro	ME	BE	1961	Telesz, Robert W.	Ch.E.	BE	1970
Tanko, Gabe	MET	AAS	1975	Tempesta, David Lee	ME	BE	1957
Tansukasem, Terratham	CE	MS	1992	Templeton, Mark A.	CE	BE	2007
Tantayanondgul, Bunchird	ME	BE	1970	Tenney, Christopher A.	EUT	ATS	2010
Tantayanondkul, Prasert	CE	MS	1972	Tenney, Ronald L.	MET	AAS	1986
Tappayuthpijarn, Chaipant	EE	MS	1990	Tenney, Thomas	MET	AAS	1990
Tarantine, Frank J.	ME	BE	1957			BSAS	1992
Tarantine, James H.	EET	AAS	1983	Tensek, Anthony M.	EE	BE	1973
		BSAS	1984	Teolis, Michael	CET	BSAS	2006
Tarantine, John R.	ME	BE	1975	Teolis, Michael J.	MET	AAS	1987
Taranto, Nicholas J.	ME	BE	1962			BSAS	1990
Tareshawty, Anthony B.	EE	BE	1950	Tepsic, Charles W.	EET	AAS	2007
Tareshawty, Eliseo	EE	BE	1952			BS	2008
Tareshawty, Eugene F.	EE	BE	1953	Tereba, Donald E.	CET	BSAS	1991
Tarka, Robert	EET	AAS	1985	Terek, Robert J.	EE	BE	1969
		BSA	1988	Terlecki, Daniel N.	CET	AAS	1980
Tarka, Steven C.	EET	AAS	1987	Terlecki, John S.	ME	BE	1973
		BSAS	1989	Terlecki, Richard Lee	ME	BE	1971
Tarka, William J.	EET	AAS	1982	Terlecky, Thomas M.	IE	BE	1968
		BSAS	1985	Terpak, Lauren E.	CE	BE	2002
Tarleton, Craig	EET	AAS	1991	Terracina, Nicholas A.	I&SE	BE	2006
Tarnaski, Raymond E.	CET	AAS	1972	Terray, David E.	EE	BE	1962
		BSAS	1975	Terrell, Linda L.	Cmp.T.	AAS	1986
Tarnovich, Charles N.	EUT	ATS	2008	Terreri, Daniel J.	CET	AAS	1980
Taschler, David R.	Ch.E.	MS	1979	Terreri, Kyle J.	DDT	AAS	2006
Tasker, Donald Jr.	MET	BSAS	1994		CET	BSA	2010
Tatari, Mohammad	ME	MS	1985	Terrill, Michael R.	Cmp.T.	AAS	1985
Tatarka, Christopher D.	EET	AAS	2002			BSAS	1986
		BSAS	2004	Terry, Brian C.	EE	BE	1996
Tatarka, Edward J.	Cmp.T.	AAS	1983	Tervo, James M.	CET	AAS	1974
Tataseo, George M.	Ch.E.	BE	1984	Terzak, Joseph S.	ME	BE	1974
Tate, Robert P.	EE	BE	1998	Tessmer, Craig E.	CET	AAS	1977
Tate, William	EET	AAS	2005			BSAS	1977
		BS	2008	Testa, Matthew R.	ME	BE	2002
Tatta, John	EE	BE	1996	Testa, Richard W.	CE	MS	1997
Tatum, Randal C.	Cmp.T.	AAS	1984	Tetlow, Philip Lee	ME	BE	1972
Tatusko, John G.	EE	BE	1969	Teutsch, Kenneth M.	IE	BE	1984
Tausch, Jeremy	EE	BE	1998	Teutsch, Michael P.	EE	BE	1982
Tayebi, Seyed A.	ME	BE	1980	Textoris, Melvin C.	EE	BE	1980
Taylor, Cynthia	Cmp.T.	BSAS	1991	Thakar, Kiran H.	ME	BE	1971
Taylor, David C.	EE	BE	1987	Thamboo, Samuel V.	Mat.Sci.	MS	1981
Taylor, Deborah K.	Cmp.T.	AAS	1973	Thanos, Daniel L.	IE	BE	1949
		BSAS	1983	Thanos, Harry	Ch.E.	BE	1965
Taylor, Douglas	EET	AAS	1982	Tharathanakul, Somchai	CE	BE	1972
		BSAS	1988	Tharp, Alan	EET	BSAS	1993
Taylor, Edward J.	EET	AAS	1978	Tharp, Randall L.	EET	AAS	1984
Taylor, Ethan D.	CET	AAS	2008	Theil, Meredith A.	ME	BE	1997

Theisler, Jeffrey	EET	BSAS	1994	Thorp, Randall	EET	AAS	1984
Theisler, Mike A.	MET	AAS	2006	Thorpe, Richard J.	EET	AAS	2008
	MET	BS	2008	Thrasher, Katherine E.	Cmp.T.	AAS	1982
Theiss, Nicholas J.	ME	BE	1970	Thuman, Michael J.	CET	BSAS	1987
Theodore, Phillip M.	EET	AAS	1988	Tiberio, Christino J.	CET	AAS	1980
Theofilos, Dino T.	Ch.E.	BE	1976	Tibolet, Randolph J.	CE	BE	1980
Thiemar, Jammie L.	ME	BE	2006	Tice, Richard K.	ME	BE	1958
Thiemar, Martin	ME	BE	2006	Tidswell, James T.	IE	BE	1967
Thiry, James Emerson	ME	BE	1978	Tietz, Ryan Daniel	MET	BS	2008
Thomas, Anthony F.	EE	BE	1952	Tiliakos, Emmanuel J.	CE	BE	2010
Thomas, Brian D.	CE	BE	1997	Tillery, Kenneth L. Jr.	EE	BE	1979
Thomas, David G.	EET	BSAS	1996	Tillery, Timothy G.	EE	BE	1981
Thomas, Evan Arthur	ME	BE	1948	Tillimger, Dennis E.	Ch.E.	BE	1970
Thomas, Frank R.	ME	BE	1968	Tillinger, Kenneth J.	Ch.E.	BE	1968
Thomas, Gary	EET	AAS	1990	Tillinger, Ronald A.	Ch.E.	BE	1970
		BSAS	1992	Timko, Edward J. Jr.	EET	AAS	1974
Thomas, Gary E.	EE	BE	1994			BSAS	1976
Thomas, George III	EET	AAS	1979		EE	BE	1978
		BSAS	1981	Timko, Kenneth R.	CET	AAS	1982
Thomas, James J.	EET	AAS	1987			BSAS	1984
Thomas, James J.	EET	BSAS	1994	Timko, Leonard J.	CE	BE	1980
Thomas, James J.	CET	BSAS	1995	Timko, Stephen	EE	BE	2006
Thomas, Jenny H.	MET	BSAS	1988	Timulak, Joel	EET	AAS	1994
Thomas, John D.	CE	BE	1984	Tincher, Charles	EET	BSAS	1990
Thomas, John E.	EE	BE	1985	Tindall, Gerald W.	Ch.E.	BE	1959
Thomas, Joshua	CET	AAS	2001	Tindall, Jay D.	Ch.E.	BE	1985
		BSAS	2001	Tinkler, Daniel C.	Cmp.T.	AAS	1979
Thomas, Judith A.	Cmp.T.	AAS	1983	Tinkler, Dennis F.	CE	BE	1982
Thomas, Mark J.	Ch.E.	BE	1986	Tinkler, Jude A.		BE	1985
Thomas, Mark K.	CE	BE	1990	Tipton, Thomas E.	CE	BE	1977
Thomas, Matthew S.	Ch.E.	BE	2004	Tirak, Michael A. II		BE	1995
Thomas, Michael A.	Cmp.T.	AAS	1986	Tirlea, Nicholas T.	IE	BE	1988
Thomas, Michael J.	EE	BE	1987	Tirpack, Kevin E.	EE	BE	1980
Thomas, Michael J.	CE	BE	1996	Tirpack, Mark A.	EE	BE	1981
Thomas, Myron W.	EE	BE	1969	Tirpak, Richard	MET	AAS	1993
Thomas, Patrick K.	EET	AAS	1977	Tirpak, Richard	MET	BSAS	1999
		BSAS	1978	Tirpak, Terrence	Cmp.T.	BSAS	1988
Thomas, Peter	EET	AAS	1987	Tisone, Gregory A.	Ch.E.	BE	1986
Thomas, Richard	Ch.E.	BE	1966	Tisone, Robert W.	EE	BE	1974
Thomas, Robert G.	ME	BE	1966	Titi, Deborah P.	Cmp.T.	AAS	1982
Thomas, Ronald D.	EUT	ATS	2010			BSAS	1983
Thomas, Sean	EET	AAS	1991	Tjatha, Vassiliki	Ch.E.	BE	1982
		BSAS	1992	Tkach, James	Ch.E.	BE	1965
Thomas, Steve C.	EET	BSAS	1982	Tobias, Thomas J.	CET	AAS	1980
Thomas, Steven	EUT	ATS	2009			BSAS	1982
Thomas, Tiffin	EET	BSAS	1993	Tocco, Anthony P.	EE	BE	1996
Thomas, Timothy J.	Ch.E.	BE	1989	Tocco, Richard M.	Cmp.T.	AAS	1981
Thomas, Thomas J.	MET	AAS	1985	Tochman, Linda R.	Cmp.T.	AAS	1979
		BSAS	1989	Tock, James F.		BE	1990
Thomas, Thomas L.	Cmp.T.	AAS	1979	Todd, Brett Evans	ME	BE	1991
Thomas, Tony M.	EE	BE	2005	Todd, Derek R.	EET	AAS	1987
Thomas, Victor M.	ME	BE	1951	Todd, Gary W.	CET	BSAS	1980
Thomas, Vincent L.	CET	BSAS	1993	Todd, Gregg Alan	ME	BE	1975
Thompson, Carl J.	MET	AAS	2006	Todd, Kurt H.	CE	BE	1993
	MET	BSA	2010	Todd, Kurt H.	C&EE	MS	2000
Thompson, Donald L.	MET	BSAS	1986	Toe, Samson B.	CET	BSAS	1996
Thompson, James W.	EE	BE	2000	Tofan, Dan	EE	BE	1992
Thompson, Larry D.		BE	1973	Tofil, Todd A.	EE	BE	1985
Thompson, Richard B.	EE	BE	1972	Tofilski, Christopher M.	CCET	AAS	2009
Thompson, Richard S.	I&SE	BE	2009	Tokash, Canice A.	Cmp.T.	AAS	1985
Thompson, Rosalyn M.	DDT	AAS	1989			BSAS	1987
Thompson, Tricia L.	Cmp.T.	AAS	1984	Toledo, Adalberto		BE	1987
Thompson, Victor A.	CE	BE	1996	Tolland, Kimberly A.	CE	BE	1979
Thompson, William B.	Ch.E.	BE	1990	Tollas, Sandor Jr.	Ch.E.	BE	1980
Thompson, William J.	BE	ME	2008	Tolnar, Christopher J.	CE	BE	1998
Thongkongtoon, Vitaya	EE	MS	1981	Tolnar, Emil J. Jr.	ME	BE	1974
Thorn, Michael J.	EE	BE	1988	Tolnar, Jeffrey J.	EET	AAS	1984
Thorne, Chad A.	CET	AAS	1998			BSAS	1986
		BSAS	2000	Tomasovich, Michael Thomas	CET	AAS	2008
Thorns, Walter D.	IE	BE	1958		CET	BSA	2009
Thornton, James S.	EE	BE	1971	Tomazin, Charles E.	Ch.E.	BE	1978
Thornton, Martin E. II	EET	AAS	1987	Tomb, Daniel	ME	BE	1963

Tomcsak, Michael A.	EE	BE	1982	Trell, Donald V.	ME	BE	1962
Tomcsak, Stephen L.	ME	BE	1951	Tremmel, Paul	EE	BE	1961
Tomich, Daniel S.	ME	BE	1981	Trenga, Frank J.	Ch.E.	BE	1963
Tomich, John A.	ME	BE	1980	Trenik, Joseph	Cmp.T.	AAS	1986
Tominey, Matthew F.	Mt.E.	BE	1960	Trenik, Stephen R.	Cmp.T.	AAS	1984
Tomko, Christine M.	CE	BE	1995	Trepa, Timothy R.		BE	1988
Tomko, Daniel R.	MET	AAS	1984	Tressa, James M.	CET	AAS	2006
		BSAS	1985		CET	BS	2008
Tomko, George	Cmp.T.	AAS	1990	Treusch, Bryan C.	EE	BE	1999
Tomko, Jerry	EE	BE	1994	Trevelline, Joseph V.	EE	BE	1958
Tomko, John Dennis	ME	BE	1971	Trevis, Douglas J.	ME	BE	1986
Tomko, John Donald	ME	BE	1961	Trevis, Jeffrey M	EUT	ATS	2005
Tomko, Kenneth M.	ME	BE	1968	Trevis, Justin M.	MET	AAS	2009
Tomko, Michael G.	DDT	AAS	1989	Trevis, Keith R.	EUT	ATS	2004
Tomko, Vendelin	Ch.E.	BE	1974	Tricoli, Bart	ME	BE	1950
Tomlinson, Brett G.	MET	BSAS	2003				
Tomlinson, Jennifer L.	Ch.E.	BE	2000	Tricomi, John C.	CET	AAS	2004
Tomo, Daniel	ME	BE	1963			BSAS	2006
Tomory, John W.	ME	BE	1995	Trimbath, Charles W.	EET	AAS	1979
Tondo, Rocco A.	EE	BE	1990	Tripepi, Danial P.	MET	AAS	2002
Tooill, John C.	Ch.E.	BE	1982			BSAS	2003
Toot, Carl D.	EET	AAS	1974	Troggio, Thomas M.	CE	BE	1979
Toot, Walter A.	ME	BE	1970	Trolio, Edward A.	Ch.E.	BE	1996
Toporcer, Gregory A.	MET	AAS	2000	Troll, Charles A. Jr.	IE	BE	1990
		BSAS	2001	Troll, Thomas R. Jr.	IE	BE	1977
Toppi, Jiovanna	CE	BE	2009	Trombino, Sebastian M.	EET	BSAS	1975
Toppi, Salvatore N.		BE	1982	Tronzo, Mark D.	ME	MS	1986
Toppi, Sam N.	CET	AAS	1981	Tropia, Bruce	Cmp.T.	AAS	1993
Torba, Michael T.	EE	BE	2004	Troxil, Richard E.	EE	BE	1956
Torba, Robert J.	Ch.E.	BE	1973	Troxil, Thomas R.	ME	BE	1990
Torek, William P.	Ch.E.	BE	1975	Troy, John J. Jr.	ME	BE	1958
Toriello, Michael R.	CE	BE	1970	Truax, Glenn E.	PPT	AAS	2007
Torsuwan, Torpong	CE	MS	1971	Truby, Harold L. Jr.	Cmp.T.	AAS	1975
Tossi, Mostafa A. P.	ME	BE	1982	Trucksis, Robert C. Jr.	ME	BE	1983
Toth, Clifford	EET	BSAS	1988	True, Donovan B.	ME	BE	1957
Toth, John J.	EE	BE	1959	Truex, Mark E.	CE	MS	1990
Toth, Joseph W. Jr.	CET	AAS	1973	Truitt, Philip James	MET	BS	2008
	CE	BE	1979	Truslow, Randolph S.	EE	BE	1982
Toth, Karen A.	Cmp.T.	BSAS	1986	Tsang, Chiu C. A.	CE	MS	1979
Totin, Jody J.	CE	BE	1985	Tsangaris, Paris	EE	BE	1979
Toto, Damien D.	EE	BE	1984	Tseng, Chung Ta	ME	MS	1987
Toto, James A.	CE	BE	1996	Tseng, Sue	CE	BE	1984
Toto, William A.	ME	BE	1996	Tseng, Wen-Hsiang	CE	BE	1988
Totten, Ronald J.	MET	AAS	1972	Tsiaparas, Anthanasios	ME	BE	1970
		BSAS	1977	Tsikouris, Mike D.	ME	BE	1970
Totten, Shaun N.	MET	BSAS	2004	Tsikouris, Melanie A.	Ch.E.	BE	1994
Totten, Trevor A.	EE	BE	2002	Tsimpinos, Victor M.	MET	BSAS	1986
Toukonen, Terri L.	DDT	AAS	1981	Tubbs, Thomas S.	ME	BE	1997
	CET	BSAS	1983	Tucci, Joseph G.	MET	AAS	1979
Toumazos, Jacques R.	EE	BE	1974	Tucciarone, John W.	CE	BE	1951
Toumazos, Marian M.	Ch.E.	BE	1989	Tuchovsky, Milan Jr.	Mt.E.	BE	1972
Tovichakchaikul, Surapong	ME	MS	1978	Tucker, Jeffrey A.	EE	BE	1988
Tovtiin, Bradley J.	CET	AAS	2001	Tucker, Paul M.	EE	BE	1999
		BSAS	2003	Tufaro, Joseph A.	MET	AAS	1984
Townsend, Jacob R.	EUT	ATS	2006	Tuladhar, Looja	EE	MSE	2009
Townsend, Kurtis D.	EET	AAS	2010	Tumill, Thomas E.	CE	BE	1953
Tracey, Josh Ryan	EUT	ATS	2008	Tupper, Thomas L.	EE	BE	1999
Tracey, Robert J.	Ch.E.	BE	1967	Turanyi, Robert J.	MET	AAS	1986
Tradler, Marvin M.	ME	BE	1951	Turco, Leonard J.	EE	BE	1983
Traffichini, Mario	EET	BSAS	1987	Turko, John D.	ME	BE	1965
Tran, Anthony N.	EE	MS	1993	Turkowski, Timothy F.	CET	BSAS	1979
Tranio, Samuel	EET	AAS	1985	Turnage, Elton	CET	AAS	1990
Tranquillo, Ectore A. Jr.	IE	BE	1970	Turner, Charles E.	IE	BE	1980
Trapp, Jason Michael	CE	BE	2008	Turner, David J.	EET	BSA	1995
Traynor, Kevin M.	EE	BE	1979	Turner, Jerold R.	EE	BE	1971
Trebus, Kenneth A.	EET	AAS	1979	Turner, Kevin S.	ME	BE	2009
Trebus, Scott A.	CET	AAS	1989	Turner, Patrick D.	Cmp.T.	AAS	1989
		BSAS	1990			BSAS	1990
Treece, Vicki	MET	BSAS	1985	Turney, Donald	Cmp.T.	BSAS	1993
Trees, Geoffrey P.	CE	BE	2009	Turney, Joseph E.	ME	BE	2005
Trehan, John A.	MET	AAS	1974	Turnovsky, Bonnie	Cmp.T.	AAS	1977
		BSAS	1980	Turnovsky, Terence L.	EE	BE	1981



Tuscano, Michael A.	EET	AAS	1982		CE	BE	1980
Tutor, Steven J.	EE	BE	2003	Valentz, Thomas M.	EE	BE	1982
Tutor, William B.	ME	BE	2007	Valerio, Beth A.	Cmp.T.	AAS	1983
Tvaroch, Michelle	MET	AAS	1993	Valerio, Ralph W.	IE	BE	1987
		BSAS	1993	Valimont, Dale	Cmp.T.	AAS	1973
Tych, Donald J.	CET	AAS	1994	Valingo, George M.	MET	AAS	2005
Tychonievich, Michael J.	Cmp.T.	AAS	1977			BSAS	2005
Tyrrell, Christopher L.	IE	BE	2009	Valiski, Michael R.	I&SE	BE	2003
Tyrrell, Edward L.	MET	AAS	1986	Valleriano, Michael A.	ME	BE	1982
Tyrrell, James E.	EET	AAS	1979	Valley, Nicholas	Cmp.T.	AAS	1992
Tyson, Gregory S.	Ch.E	BE	1999	Vamvakis, John A.	Ch.E	BE	1998
Tyus, Wayne W.	DDT	AAS	1982	Vamvakis, Vasilia A.	Ch.E	BE	2004
Uber, Jason C.	EET	AAS	2004	Vanaman, David C.	CE	BE	1976
		BSAS	2007	Vanatsky, Michael A.	DDT	AAS	1994
Uber, Jeffrey T.	EET	AAS	1988	Vanatsky, Ronald J.	IE	BE	1960
Uber, Richard H.	EE	BE	1973	VanAllen, Todd E.	DDT	AAS	1993
Ugarte, Eduardo	CE	MS	1980	Vanauken, Ronald L.	EE	BE	1965
Ugran, Aaron	MET	BSAS	1991	Vanca, John J.	Ch.E	BE	2001
Ugrin, Jon J.	Cmp.T.	AAS	1984	Vanditti, Janet L.	Cmp.T.	AAS	1979
Uhl, Lissa M.	CET	AAS	1996	Vangeloff, Walter	EE	BE	1951
Uhlar, Richard A.	ME	BE	1969	Vanhouten, Robert V.	Mt.E.	BE	1974
Uhron, Darlene M.	Cmp.T.	AAS	1980	Vanko, Joseph	ME	BE	1962
Uitto, Gary E.	EE	BE	1967	Vannatta, Gerald L.	ME	BE	1964
		MS	1972	Vannoy, Scott D.	CE	BE	1986
Ula, Joseph Jr.	CE	BE	1962	VanOrsdel, James	Ch.E.	BE	1969
Ulam, Richard Lee	ME	BE	1988	VanOudenhove, John A.	EUT	ATS	2010
Ulicny, Alan J.	Mat.Sci.	BE	1990	Vanreenen, Eugene L.	EE	BE	1963
Ullom, Gregort R.	CE	BE	2004	VanSuch, Allen	DDT	AAS	1993
Ullom, Steven F.	EE	BE	2007	VanSuch, David R.	CET	AAS	1980
Ulrich, Albert R. Jr.	EET	AAS	1984	VanSuch, Kenneth S.	DDT	AAS	1985
		BSAS	1987		MET	BSAS	1989
Ulrich, Dennis K.	ME	BE	1986	VanSuch, Lawrence	EE	BE	1986
Ulus, Aylin	ISE	BE	2008	Vansuch, Nicholas M.	Cmp.T.	AAS	1971
Umbel, Jack E.	IE	BE	1950	Van Such, Nicholas A.	EET	BSA	2010
Unertl, John R.	ME	BE	1971	Van Tassel, Richard L.	CE	BE	1963
Unger, Brian L.	EE	BE	1991	VanWert, Thomas G.	EE	BE	1983
Unger, Jack B.	EE	BE	1950	Vanyo, Joseph	EET	AAS	1984
Unger, Jonathan J.	MET	BSAS	2006	Varacalli, Joseph A.	EE	BE	1985
	I&SE	MS	2008	Vardavas, Ely L.	EE	BE	1985
Unger, Kyle D.	Ch.E	BE	2004	Vardavas, Steve V.	C&EE	MS	1999
Unick, Frank	IE	BE	1952	Varela, Javier A.	EET	AAS	1988
Unick, Thomas F.	Mt.E	BE	1960			BSAS	1990
Unkefer, Jonathan D.	MET	AAS	1996	Varela, Marco E.	EE	BE	1979
		BSAS	1998	Vargin, Anthony R.	EET	AAS	1986
Uray, Charles Jr.	CE	BE	1956	Vargo, Carol L.	Cmp.T.	AAS	1987
Urban, John S.	ME	BE	1981	Vargo, Donald W.	EET	AAS	1985
Urbanek, Lee A.	I&SE	BE	1996	Vargo, Joseph J.	EE	BE	1951
Urda, Gary T.	EE	BE	1979	Vargo, Julia M.	ME	BE	2005
Urey, Donald A.	Cmp.T.	BSAS	1980	Vargo, Paul S.	CE	BE	1998
Urling, George A.	EE	BE	1987	Vargo, Robert A.	EE	BE	1985
Uroseva, Jeffrey S.	CE	BE	2006	Vargo, Robert L.	CET	AAS	1995
Urs, Subramanyaraje	CE	MS	1997	Vargo, Robert L.	CET	BSAS	1996
Ursu, John Jr.	CE	BE	1980	Vargo, Stephen G.	EE	BE	1951
Usis, Ian O.	MET	AAS	1998	Varner, James R.	EE	BE	1978
		BSAS	2000	Varner, Jon L.	EE	BE	1987
Utterback, Gary W.	ME	BE	2000	Varner, Lawrence	Ch.E.	BE	1966
Utterback, Kari I.	ME	BE	2005	Varsho, Timothy John	EUT	ATS	2008
Uysal, Tugrul Arif	ME	MS	1990	Vasbinder, Bruce A.	ME	BE	1991
Vadino, Richard	MET	AAS	2001	Vasel, Gary M.	EE	BE	1980
Vadjunec, Walter F.	CET	AAS	1978	Vasel, Jeffrey A.	EE	BE	1987
		BSAS	1979	Vasey, Nathan D.	EE	BE	1991
Vaghari, Ali	Ch.E.	BE	1974	Vasich, John E.	ME	BE	1989
Vahey, Alfred W.	EE	BE	1959	Vasilchek, Mark E.	Cmp.T.	AAS	1978
		MS	1973	Vasilchek, Michael D.	EE	BE	1970
Vahey, Thomas J.	EE	BE	1962	Vasile, George R.	EE	BE	1958
Vakharia, Prakash N.	ME	BE	1970	Vasileiadis, Nikolaos	EE	MS	2000
Valenti, Paul J.	Mt.E.	BE	1969	Vasko, Joseph	EET	BSAS	1991
Valentine, Daniel A.	IE	BE	1980	Vatavuk, William M.	Ch.E.	BE	1969
Valentine, Marianne J.	IE	BE	1981	Vaughan, Martin J.	IE	BE	1969
Valentino, Patricia A.	CE	BE	1979	Vaughn, Douglas R.	EE	BE	1979
		MS	1984	Vaughn, Joseph	EET	BSAS	1989
Valentino, Ralph F.	CET	AAS	1975	Vaughn, Thomas	MET	AAS	1977

Vasquez, Brennan J.	EE	BSAS	1979	Vincent, James C.	Mat.Sci.	BE	1994
Vazquez, Evan J.	EET	BE	2009	Vincent, Oba L.	Ch.E.	BE	1981
Veite, James	EET	AAS	2009	Vincenzini, Randall G.	EET	BSAS	1982
Velez, Paul	EET	AAS	1991	Vine, Robert David	ME	BE	1972
Velinogle, Jon D.	EET	AAS	1981	Vingle, Joseph N.	ME	BE	1972
Velk, Ryan E.	C&EE	MS	1998	Vinopal, William C.	EET	BSAS	1988
Vellente, Gerald K.	CET	AAS	1993	Vinopal, William C.	EET	AAS	1973
Veltre, Gerald E.	EET	AAS	1981	Vinta, Prabhakara R.	ME	MS	1977
Vence, John S.	ME	BE	1980	Viola, John A.	Cmp.T.	AAS	1985
Vencel, Mark	CET	BSAS	1993			BSAS	1986
Vencel, Mark D.	EET	AAS	1989	Virag, Kenneth	Cmp.T.	AAS	1990
Vendemia, Frank J.	EET	BSAS	1998	Virden, Tod A.	EET	AAS	2008
	CET	AAS	1990		EET	BSA	2009
		BSAS	1992	Virgalitte, Stanley J.	CE	BE	1977
Veneable, Kenneth Jr.	IE	BE	1990	Visnic, James E.	Ch.E.	BE	1977
Venetta, Michael J.	ME	BE	1977	Vitale, Joshua M.	I&SE	BE	2006
Venger, Irving	Ch.E.	BE	1966	Vitek, James A.	Ch.E.	BE	1983
Venglar, James P.	EE	BE	2007	Vitko, Paul Jr.	EET	AAS	1984
Vennetti, Frank	EE	BE	1991			BSAS	1985
Vennetti, Robert C.	EE	BE	1990	Vitto, Edward J.	MET	AAS	1981
		MS	1993	Vitullo, Angelo R.	Ch.E.	BE	1970
Vennitti, Anthony E.	ME	BE	1985	Vitullo, Anthony F.	MET	AAS	1987
Venorsky, Robert L.	ME	BE	1987	Vitullo, Louis N.	MET	BSAS	1997
Verdream, James A.	Cmp.T.	AAS	1984		MET	AAS	1995
Verdream, John P.	EET	AAS	1986	Vitullo, Maria A.	Cmp.T.	BSAS	1986
		BSAS	1987	Vivacqua, Joseph M.	CET	AAS	1981
Verenski, Douglas R.	ME	BE	1995	Vivatsethachai, Manop	ME	MS	1980
Verenski, Douglas R.	ME	MS	1998	Viviano, Anthony V.	ME	MS	1998
Verholek, Carl Lee	EE	BE	1960		ME	BE	1995
Verina, Thomas C.	MET	BE	1960	Vizi, Joseph P.	CE	BE	1976
Verlenich, Jeffrey N.	EET	AAS	1983	Vlaiiku, Bethany K.	Ch.E.	BE	2010
Verlezza, Ricardo F.	EET	BSAS	1982	Vlasic, Joseph A.	IE	BE	1959
Verner, Scott D.	EE	BE	2005	Vlosich, Joseph S.	MET	AAS	2009
Verner, Scott D.	CET	AAS	1994	Vlosich, Joshua J.	EUT	ATS	2010
Vernino, Raymond	CET	BSAS	1996	Vo, John T.	MET	AAS	2002
Vernon, Daniel C.	EET	AAS	1984			BSAS	2003
Verone, Larry M.	ME	BE	2009	Vo, Thanh T.	EET	AAS	1997
Verostko, Joseph M.	Ch.E.	BE	1987			BSAS	1999
Verostko, Peter J.	ME	BE	1985	Vogel, Daniel	Cmp.T.	AAS	1988
Verrocchi, Anthony	ME	BE	2007			BSAS	1990
Verzilli, Timothy	Ch.E.	BE	1996	Vogel, Gregory J.	EUT	ATS	2005
	EET	AAS	1990	Vogel, Lorelei L.	Cmp.T.	AAS	1977
		BSAS	1990	Vogelberger, Joseph C.	IE	BE	1958
Vestfals, George R.	CE	BE	1973	Vogt, Keith M.	EE	BE	2002
Vesco, Dale M.	CET	BSAS	1987	Vojtko, Bernard J.	EE	BE	1956
Vesia, William B.		AAS	1977	Vojtko, John A.	EE	BE	1959
Vicarel, Jeffrey M.	EUT	ATS	2010	Vojtko, Raymond P.	EE	BE	1960
Vicarel, Lori	Cmp.T.	AAS	1987	Vojtko, Thomas M.	EE	BE	1967
Vicario, Francis P.	IE	BE	1963	Volakis, Ioannis L.	EE	BE	1978
Vicker, David G.	EUT	ATS	2010	Volakis, Kyriaki L.	Cmp.T.	BSAS	1979
Vickers, James C.	Ch.E.	BE	1982	Voland, Terry	EET	AAS	1992
Vickers, Terry	EET	AAS	1991	Volinogle, Jon D.		BE	1984
		BSAS	1994	Volk, George S.	ME	BE	1972
Vickers-Francis, Vicki	CE	BE	1996	Volk, Thomas I.	CE	BE	1952
Vickery, Steve A.	EET	AAS	1982	Volk, William J.	ME	BE	1969
Vieitez, Carl R.	EET	AAS	1981	Vollmer, Christopher T.	CE	BE	1997
		BSAS	1985	Vollnogle, David E.	CET	BSAS	1997
Viete, James	EET	AAS	1991	Vollnogle, David E.	CET	AAS	1978
Vieth, Martin J.	CET	BSA	2010	Vollnogle, Don E.	I&SE	BE	1998
Vigarino, Frank A.	EUT	ATS	2007	Vollnogle, Jon D.	CET	AAS	1981
Viggeswarapu, Emmanuel M. J.	CE	MS	1995		CE	BE	1984
Vigliotti, Anthony J.	Mat.Sci.	BE	1993		CE	MS	1998
Vigorito, Anthony P.	EE	BE	2002	Volosin, William M.	Ch.E.	BE	1981
Vigorito, John A.	Cmp.T.	AAS	1978	Volovar, Michael P.	ME	BE	1972
		BSAS	1980	Volpone, Tom A.	EET	BSAS	1983
Vikitsreth, Somsakdi	IE	BE	1967	Volsko, Karen A.	Cmp.T.	BSAS	1979
Vilkinofsky, John W.	EET	AAS	1987	Von Rogov, Harry O.	Mt.E	BE	1964
		BSAS	1989	Vonce, John	CET	BSAS	1993
Villani, Paul E.	CE	BE	1971	Vongsmaentep, Udom	CE	MS	1985
Villani, Paul J.	CE	BE	1992	Voorhies, Dale E.	IE	BE	1972
Villani, Richard P.	EET	AAS	1971	Voorhis, Terrence S.	Cmp.T.	AAS	1979
		BSAS	1975			BSAS	1981
Vimerstadt, Carl E.	CET	AAS	2007	Vora, Bharat V.		BE	1975

Vora, Jitendra	MET	AAS	1979	Wallace, James R.	I&SE	BE	2006
Vora, Rajesh K.	CE	MS	1993	Wallace, Sarah E.	Ch.E	BE	1997
Votaw, Bryan	ME	BE	2003	Wallace, Zachary D.	EUT	ATS	2009
Votaw, John T.	ME	BE	1985	Walling, John A.	EE	BE	1962
Voumous, John T.	CET	AAS	2002	Wallis, Bruce E.	MET	AAS	1971
		BSAS	2004	Wallo, John E.	Cmp.T.	AAS	1981
Voytik, Andrew	CE	BE	1965			BSAS	1983
Voytik, John Raymond	EE	BE	1953	Walls, Jamie E.	Cmp.T.	BSAS	1983
Voytik, Joseph E.	ME	BE	1957	Walls, Michael B.	Ch.E	BE	1975
Voytilla, Annette M.	Ch.E.	BE	1983			MS	1978
Voytko, Robert A.	Ch.E.	BE	1965	Walochik, Michael Jr.	CET	AAS	1978
Vrabel, John E.	CE	BE	1967			BSAS	1980
Vrable, Lois Ann	ME	BE	1961	Walp, David	EET	BSAS	1988
Vrable, Stephen R.	IE	BE	1958	Walsh, Donald E.	EE	MS	2001
Vrontos, William J.	I&SE	BE	2006	Walsh, Donald E. II	EE	BE	1993
Vukovinsky, Michael L.	ME	BE	1989	Walsh, Matthew R.	MET	AAS	1981
Vuksanovich, Brian D.	ME	BE	1992			BSAS	1983
Vuksanovich, Brian D.	ME	MS	1996	Walsh, Michael C.	EUT	ATS	2006
Vuksanovich, Mark A.	ME	BE	1992	Walsh, Michael T.	CET	AAS	2010
Vuksanovich, Mark A.	ME	MS	1996	Walsh, Peter J.	IE	BE	1971
Vuksanovich, Radovan R.	CE	BE	1983	Walsh, Ryan M.	EE	BE	2009
Vuletich, Samuel S.	CE	BE	1982	Walsh, Stephen J.	Cmp.T.	AAS	1979
Vuletich, Stanley E.	EE	BE	1972	Walsh, Thomas J.	EE	BE	1960
		MS	1979	Walsh, Thomas J.	ME	BE	1967
Waclaski, Brian K.	MET	AAS	2001	Walter, Danial A.	EET	AAS	2007
		BSAS	2003	Walter, Harold J. Jr.	ME	BE	1957
Wadlinger, Joseph E.	ME	BE	1960	Walters, David A.	Cmp.T.	AAS	1982
Wadsworth, Joseph A.	MET	AAS	1979	Walters, Deborah	Cmp.T.	AAS	1973
		BSAS	1980				
Waggoner, Douglas B.	EE	BE	1979	Walters, Gary L.	EET	AAS	1986
Waggoner, Kelley	MET	BSAS	2001			BSAS	1988
Wagner, Aaron R.	Ch.E	BE	2002	Walters, Henry P. Jr.	ME	BE	1951
Wagner, Edgar R.	Ch.E.	BE	1975	Walters, Larry	MET	BSAS	1991
Wagner, Kenneth T.	EUT	ATS	2009	Walters, Robert D.	ME	BE	1951
Wagner, Mark R.	EUT	ATS	2007	Waltko, Glen G.	EE	BE	1984
Wagoner, Jerome W.	Ch.E.	BE	1968	Walton, Jay P.	CET	AAS	1983
Waheed, Amjad	ME	MS	1983			BSAS	1985
Wahler, Richard J.	ME	BE	1989	Walzer, Adele E.	Cmp.T.	AAS	1987
Waid, Mark	EET	BSAS	1990			BSAS	1991
Waide, Stephen	EET	BSAS	1995	Wang, Chau Hsuan	ME	MS	1983
Wainio, Edward J.	EE	BE	1958	Wang, Tony C.	Cmp.T.	AAS	1980
Wainio, William M. III	Cmp.T.	AAS	1976	Wanter, Henry Paul		BE	1950
		BSAS	1983	Warchol, John T.	ME	BE	1974
Waite, Howard E.	CE	BE	1977	Ward, Adam D.	MET	AAS	1999
Waites, Darlene M.	Cmp.T.	AAS	1981			BSAS	2000
Wajda, Douglas A.	ME	BE	2009	Ward, Candice L.	I&SE	BE	1999
Wajihuddin, Suhel	CE	MS	1993	Ward, Gregory F.	I&SE	MS	1998
Wajszczuk, John C.	EE	BE	1968	Ward, Gregory F. Jr.	Mat.Sci.	BE	1991
Wakeford, David L.	EE	BE	1981		Mat.Sci.	MS	1996
Wal, Christopher	Cmp.T.	AAS	1990	Ward, James	EE	BE	1965
Walcutt, William M.	MET	BSAS	1988	Ward, Kimberly A.		BE	1981
Walczak, Alex Carl	CE	BE	1952	Ward, Linda E.	Cmp.T.	AAS	1973
Walczak, Ronald M.	EET	AAS	1980	Ward, Michael D.	CE	BE	2004
Waldron, Adam L.	MET	AAS	2003	Ward, Michael R.	EUT	ATS	2005
		BSAS	2004	Ward, Robert H.		BE	1958
Waleff, Louis M.	EE	BE	1961	Ward, Timothy J.	ME	BE	2006
Waliga, Milton M.	ME	BE	1964	Wardle, David W.	Cmp.T.	AAS	1979
Walkama, James E.	MET	AAS	1986	Wardle, Michael	EET	AAS	1990
		BSAS	1986			BSAS	1993
Walker, Bobricher M	MET	BSA	2010	Wardman, Todd	EUT	ATS	2010
Walker, Daniel E.	IE	BE	1990	Wargo, David M.	CET	AAS	1977
Walker, Eugene A.	Cmp.T.	AAS	1984			BSAS	1977
Walker, Keith D.		BE	1995	Warino, James J.	EET	AAS	1981
Walker, Mark A.	EUT	ATS	2007	Warino, Joseph A.	BE	BE	2001
Walker, Robert J.	PPT	AAS	2005	Warino, Joseph V.	CE	BE	1982
Walker, Samuel E.	I&SE	BE	2001	Warino, Rosemarie A.	Ch.E.	BE	1992
Walker, Timothy M.	EE	BE	1984	Warino, Rosemarie A.	C&EE	MS	2000
Walko, Matthew	Cmp.T.	BSAS	1992	Warner, Ronald E.	Mat.Sci.	MS	1979
Wallace, Amy J.	Ch.E	BE	2003	Warner, Ronald G.	EE	BE	1982
Wallace, Daniel P.	CE	BE	1989	Warren, Jeffrey H.	ME	BE	1987
		MS	1994	Warren, Michael N.	CE	BE	1983
Wallace, James J.	ME	BE	1987	Warren, Rodney	Cmp.T.	AAS	1980

Warrick, Douglas E.	CET	AAS	1999	Weis, Eric L.	Cmp.T.	BSAS	1988
Warriner, Rosanne M.	MET	AAS	1981	Weiss, Dave M.	ME	BE	1984
Warwick, Betty J.	ME	BE	1986	Welch, Andrew	MET	AAS	1994
Waschak, James S.	IE	BE	1994	Welch, Arnold C. Jr.	MET	AAS	1981
Washington, Walter L.	ME	BE	1963			BSAS	1983
Wasil, Thomas R.	Mt.E.	BE	1969	Welch, Darlene M.	DDT	AAS	2000
Wasilewski, Walter J.	EET	AAS	1979	Welch, Gerald J.	CE	BE	1994
		BSAS	1981	Welch, Jerry M.	Ch.E.	BE	1994
Wasko, Eugene A.	EE	BE	1975	Welday, Kevin M.	EE	BE	1996
Watanakul, Damrongsak	EE	BE	1970	Welke, Michael	EET	AAS	1989
		MS	1973	Welker, Christopher R.	ME	BE	2004
Waters, Thomas Lyle	EE	BE	1953	Welker, William G.	ME	BE	1958
Watkins, Rodney	MET	BSAS	1991	Welker, Wayne F.	ME	BE	1970
Watroski, Matthew J.	EE	MS	2000	Weller, Brian K.	Cmp.T.	AAS	1987
Watson, Christopher	EET	BSAS	1989			BSAS	1989
Watson, Frank C.	ME	BE	1949	Weller, Bruce A.	ME	BE	1989
Watson, George B.	ME	BE	1966	Weller, Lawrence W. Jr.	EE	BE	1972
Watson, James E.	CE	BE	1961	Weller, Thomas J.	MET	AAS	1996
Watson, Kevin J.	MET	BSAS	1986			BSAS	2002
Watson, Robin	Cmp.T.	AAS	1986	Wellington, David E.	EE	BE	1961
Watson, Ronald S.	CE	BE	1985	Wells, John E.	EET	AAS	1978
Watson, William W. Jr.	EE	BE	1974			BSAS	1982
Watt, Brian	Cmp.T.	BSAS	1993	Wells, William B.	EE	BE	1958
Wattanasupt, Pattarapol	I&SE	MS	1999	Welsh, Cathy	Cmp.T.	BSAS	1990
Wattenbarger, Jake A.	CE	BE	1999	Welsh, William J.	Cmp.T.	AAS	1983
Waugh, Elizabeth Kay	ME	BE	2008			BSAS	1985
Wauschek, Ronald D.	Cmp.T.	AAS	1984				
Wawrak, William J.	EE	BE	1965	Welton, Sean P.	EE	BE	2009
Wawrzynski, Paul E.	ME	BE	1976	Welton, Thomas D.	EE	BE	1971
Wayne, Albert	EE	BE	1950	Wendel, Joseph E.	ME	BE	1960
Weaver, Brian	Cmp.T.	AAS	1991	Wengewicz, Richard	Mt.E.	BE	1966
Weaver, Edward	MET	BSAS	1992	Wensel, Valerie	Cmp.T.	AAS	1982
Weaver, John C.	MET	BSAS	2006	Wenzel, Martin Louis		BE	1954
Weaver, Mark	DDT	AAS	1995	Werblan, Charles W.	EET	AAS	1973
Weaver, Timothy P.	MET	AAS	1987			BSAS	1979
Webb, Cory W.	EE	BE	2007	Werner, Brian C.	ME	BE	1984
Webb, Phontel T.	CE	BE	1992	Werner, Todd C.	ME	MS	1998
Webb, Steven R.	MET	BSAS	1997	Werther, Zachary G.	EUT	ATS	2004
Webb, William R.	CE	BE	1963	Wertman, George P.	ME	BE	1954
Weber, Bradley A.	Cmp.T.	AAS	1984	Wertz, Phillip G.	MET	BSAS	2000
Weber, Carole A.	Cmp.T.	BSAS	1982	Wertz, Phillip	MET	AAS	1995
Weber, Donald W.	ME	BE	1990	Wertz, Ronald V.	ME	BE	1969
Weber, Michael J.	ME	BE	1968	Wess, Brian J.	MET	AAS	2003
Weber, Ralph A. Jr.	ME	BE	1961	West, Craig W.	ME	BE	1984
Weber, Richard G.		BE	1975	West, Jeffrey A.	EE	BE	1987
Weber, Richard L.	MET	AAS	1976	West, Jodi L.	Ch.E.	BE	1990
Webster, Larry A.	CE	BE	1992	West, Mike A.	ME	BE	1989
Weckbacher, Eillism R.	EE	BE	1962	West, Paul Joseph	ME	BE	1987
Weckbacher, Glen L.	EE	BE	1975	Westenfelder, David A.	MET	BSAS	2005
Weckbacher, William E.	EE	BE	1962	Westerbeck, Douglas P.	CE	BE	1973
Weddell, Herman A.	Mt.E.	BE	1970	Westerburg, James R.	ME	BE	2006
Wedlake, Shannon M.	CET	BSAS	2004	Westfall, Gary A.	DDT	AAS	1986
Weeks, Richard L. II	IE	BE	1992	Weston, James M.	EE	BE	1999
Weeks, Thomas W.	DDT	AAS	1982	Wetzel, Donald F.	ME	BE	1960
Weeks, Timothy E.	DDT	AAS	1982	Weyer, Donald E.	Ch.E.	BE	1951
Wegendt, Karen J.	Cmp.T.	AAS	1981	Whalen, Gerald E.	EET	BSAS	2005
Wehmer, Richard B.	IE	BE	1985	Whalen, Mark E.	IE	BE	1953
Wehner, Kevin M.	EE	BE	1996	Whan, Michael J.	EET	AAS	1986
Weibel, Brett D.	MET	AAS	1984	Wharry, Robert K.	EE	BE	1982
		BSAS	1986	Wheaton, Willard E. Jr.	EE	BE	1950
Weichel, Bo D.	CET	AAS	2006	Wheeler, James R.	Mt.E.	BE	1965
Weilacher, David M.	EET	AAS	1982	Wheeler, Jon T.	MET	AAS	1999
Weiland, Jeffrey A.	EET	AAS	1984			BSAS	2003
		BSAS	1984	Wheeler, Katherine A.	Cmp.T.	AAS	1984
Weimer, Wesley K.	MET	AAS	1978	Whetzel, Bruce A.	IE	BE	1985
		BSAS	1983	Whinnery, Jon H.	Cmp.T.	BSAS	1983
Weinel, James A.	EET	AAS	1987	Whitcomb, Scott S.	CE	BE	1979
Weingart, Tim A.	Cmp.T.	AAS	1983	White, Blair M.	ME	BE	1994
		BSAS	1989	White, Bonnie S.	IE	BE	1988
Weingarten, Ahron Z.	EE	BE	1974	White, David L.	CET	BSAS	1996
Weinstein, Jean A.		BE	1983	White, Edward D.	CET	AAS	1988
Weir, Michael D.	ME	BE	1971			BSAS	1990

White, Gary L.	EET	AAS	1975	Williams, Donald J.	ME	BE	1987
White, Jared C.	CE	BE	2010	Williams, Dwayne C.	Cmp.T.	BSAS	1988
White, Jasen R.	EE	BE	2006	Williams, George G.	CE	BE	1983
White, Kevin E.	CE	BE	1992	Williams, Howard E. Jr.	ME	BE	1959
White, Larry K.	Cmp.T.	AAS	1978	Williams, Jeffrey L.		BE	1971
White, Michael A.	ME	BE	1987	Williams, Jessica A.	Ch.E	BE	2007
White, Michael A.	ME	BE	1970	Williams, John A.	CET	AAS	2006
		MS	1976	Williams, John P.	CET	AAS	1992
White, Patricia	Cmp.T.	AAS	1988			BSAS	1993
White, Philip K.	EE	BE	1949	Williams, Keith R.	Mt.E.	BE	1976
White, Randall G.	EET	AAS	1982	Williams, Kelly M.	EE	BE	1990
	EE	BE	1983	Williams, Kenneth R.	CE	BE	1968
White, Richard E.	MET	AAS	1994	Williams, Linda G.	Cmp.T.	AAS	1972
		BSAS	1997	Williams, Mason D.	ME	BE	1959
White, Richard M.	MET	BSAS	1994	Williams, Meghan M.	CET	AAS	2003
White, Richard S.	EE	BE	1972			BSAS	2004
White, Terrance L.	EET	AAS	2004	Williams, Melvin L.		BE	1976
White, Terry	Cmp.T.	AAS	1990	Williams, Michael	DDT	AAS	1986
White, Walter L.	EET	AAS	1971	Williams, Pamela	Cmp.T.	BSAS	1990
White, William H. III	IE	BE	1984	Williams, Patricia	Cmp.T.	AAS	1992
Whitehead, Gary L.	EET	AAS	1971	Williams, Richard L.	CE	BE	1979
Whitehill, Cassius F.	ME	BE	1951	Williams, Richard R.	EET	BSAS	1981
Whitehouse, Ronald E.	EE	BE	1979	Williams, Robert R.	EET	BSAS	1981
Whiteleather, Thomas M.	ME	BE	1979		EET	AAS	1978
Whitely, Joseph R.	CE	BE	2002	Williams, Robert S.	ME	BE	1995
Whiteside, Arthur W.	EE	BE	1952	Williams, Roy A.	EE	BE	1960
Whiting, Philip J.	MET	AAS	1976	Williams, Scott W.	Ch.E.	BE	1979
Whiting, Richard H.	ME	MS	1975	Williams, Susan A.	CE	BE	1985
Whiting, William D.	EE	BE	1988	Williams, Thomas B. Jr.	EE	BE	1963
Whitney, Ivan H.	IE	BE	1950	Williams, Thomas E.	EE	BE	1963
Whittaker, Robert J.		BE	1963	Williams, Thomas L.	CE	BE	1961
Whorton, Vincent P.	CET	AAS	2005	Williams, Thomas R.	Ch.E.	BE	1986
		BSAS	2007	Williams, Todd M.	Ch.E.	BE	1992
Wick, Thomas C.	EE	BE	1996	Williams, William C.		BE	1957
Widok, Donald H.	EET	BSAS	1982	Williams, William J.	EUT	ATS	2010
Widera, Ronald P.	Ch.E.	BE	1968	Williamson, Bradley R.	ME	BE	1985
Wiencek, Craig W.	EE	BE	1998	Williamson, Linda	DDT	AAS	1987
Wiesen, James M.	Cmp.T.	AAS	1985	Williamson, James G.	EUT	ATS	2009
Wiggers, Paul J. Jr.	ME	BE	1965	Williamson, Robert A.	C&EE	MS	1999
Wiggins, Bruce L.	Mt.E.	BE	1967	Wills, Gerald L.	EET	AAS	1985
Wiggins, Jeffrey S.	Cmp.T.	AAS	1983	Wilmouth, Devin R.	ME	BE	2010
Wikete, Joseph E.	ME	BE	1960	Wilmouth, Kyle W.	EET	BSA	2009
Wilber, Kenneth A.	Mt.E.	BE	1965	Wilson, Allan Eugene	ME	BE	1960
		MS	1975	Wilson, Andrew	MET	BSAS	1989
Wilbrink, Paul T.	ME	BE	2010	Wilson, Christopher D.	MET	AAS	1988
Wilcox, Rebecca M.	EE	BE	1998	Wilson, Daniel R.	Cmp.T.	AAS	1988
Wilcoz, Lindie M.	CET	AAS	2006	Wilson, David L.	CET	AAS	1976
		BSAS	2007			BSAS	1979
Wilds, Edward M.	Ch.E.	BE	1965	Wilson, Donald F.	Ch.E.	BE	1986
Wiley, Daryl	MET	BSAS	1984	Wilson, Elaunah A.	EE	BE	2005
Wiley, Donald J.	CE	BE	1983	Wilson, Frederick W.	EE	BE	1990
Wiley, Timothy F.	ME	BE	2004	Wilson, James B. Jr.	CET	AAS	1980
Wilfong, Robert C.	ME	BE	1989	Wilson, James R.	ME	BE	1973
Wilfong, Walter C.	Ch.E	BE	2006	Wilson, Jesse Jr.	EET	AAS	1993
Wilhelm, David L.	ME	BE	1973	Wilson, Jesse F.	EET	BSAS	1996
Wilhelm, Ronald Lee	ME	BE	1977	Wilson, Joshua D.	EE	BE	2006
Wilhelm, Wayne H.	Cmp.T.	AAS	1984	Wilson, Kenneth L.	MET	AAS	1988
Wilkins, Bernard T. Jr.	EE	BE	1959			BSAS	1994
Wilkeson, Wayne A.	EE	BE	1972	Wilson, Linda A.	Cmp.T.	AAS	1978
Wilkins, Brittany J.	I&SE	BE	2010	Wilson, Mary B.	Cmp.T.	AAS	1980
Wilkinson, Timothy	CET	AAS	1978	Wilson, Matthew P.	Cmp.T.	AAS	1981
Will, Stephen A.	DDT	AAS	1993			BSAS	1983
Williams, Brent M.	ME	BE	2002	Wilson, Melvin L.	EE	BE	1976
Williams, Brian	EET	BSAS	2000	Wilson, Patricia C.	Cmp.T.	AAS	1986
Williams, Cheneque M.	I&SE	BE	2001			BSAS	1989
Williams, Clearenc A.	Mt.E	BE	1950	Wilson, Sheila	EET	AAS	1981
Williams, Cynthia	Cmp.T.	AAS	1981			BSAS	1984
Williams, Daniel O.	CE	BE	1975	Wilson, Robert A.	IE	BE	1970
Williams, Darrell L. Jr.	Ch.E.	BE	1991	Wilson, Roy C.	EE	BE	1972
Williams, Darryl T.	EET	AAS	1988	Wilson, Thomas C.	CET	AAS	1979
Williams, Darryl T.	EET	BSAS	1998			BSAS	1981
Williams, David E.	EE	BE	1985	Wilson, William A.	CE	BE	1953

Wilson, William L.	Mt.E.	BE	1968	Wolff, William R.	EE	BE	1986
Wilster, Patrick M.		BE	1976	Wolfgang, Adam L.	ME	BE	2009
Wilster, Patrick M.	ME	BE	1989	Wolfgang, Richard A.	ME	BE	1966
Wilster, Sean M.	CET	BSA	2010	Wolfinger, Paul W.	ME	BE	1964
Wilt, David J.	EET	AAS	1982	Wollet, William G.	MET	BSAS	1986
Wilthew, Robert	ME	BE	1959	Woloschak, John Jr.	ME	BE	1961
Wilver, Colleen N.	Cmp.T.	BSAS	1988	Womack, Maurice T.	MET	AAS	2003
Wimer, Donald J.	CET	BSAS	2003			BSAS	2004
Wimer, James H.	EE	BE	1973	Womer, Timothy W.	MET	AAS	1980
		MS	1976			BSAS	1982
Wimer, Michael C.	EET	AAS	1980	Wood, Daniel J.	EET	AAS	1984
		BSAS	1982	Wood, David A. Jr.	EET	BSAS	1980
Wimer, Michael S.	CET	AAS	1996	Wood, Gregory M.	EET	AAS	1983
		BSAS	1998	Wood, Kenneth L.	CE	BE	1972
Winam, S. Sandra	Cmp.T.	AAS	1992	Wood, Scott	MET	AAS	1994
Wingard, Nancy J.	Cmp.T.	AAS	1977	Wood, Scott A.	MET	BSAS	1996
Winger, Samuel S.	ME	BE	1991	Woods, Ricky	MET	AAS	1988
Winner, Todd	MET	AAS	1991	Woods, Robert P.	CET	AAS	1978
		BSAS	1992			BSAS	1981
Winnicki, Zigmund E.	CET	BSAS	1987	Woodyard, Dennis	MET	AAS	1995
Winsen, Thomas M.	Cmp.T.	AAS	1985	Woodyard, Dennis C.	MET	BSAS	1997
		BSAS	1987	Woolford, Robert L.	Mt.E	BE	1967
Winslow, Edward A. Jr.	CE	BE	1964	Woolley, Monty R.	EET	AAS	1983
Winslow, Thomas M.	CE	BE	1971			BSAS	1988
Winston, Geoffrey A.	Mt.E.	BE	1982	Wooley, Timothy M.	EET	AAS	1983
Winter, Scott D.	Mt.E.	BE	1982			BSAS	1986
Winters, Bruce F.	EET	AAS	1987	Work, Bruce A.	Mt.E.	BE	1987
Winters, Joshua Benjamin	ME	BE	2008	Workman, Janet L.	Mat.Sci.	BE	1993
Winters, Mark A.		BE	1995	Worley, Myron S.	ME	BE	1991
Winyard, Lori K.	MET	AAS	1979	Worley, Ralph Nelson	ME	BE	1973
		BSAS	1981	Worona, Vernon T.	ME	BE	1985
Wipasuramonton, Pongdet	ME	MS	1979	Worrel, David M.	ME	BE	1991
Wirtz, John F. Jr.	EE	BE	1990	Worst, David J.	CE	BE	2003
Wisbith, Kyle Scott	EET	ATS	2008	Worth, Willie M.	EET	AAS	1979
Wise, Joseph J.	Ch.E	BE	2003			BSAS	1981
Wise, Robert A.	EE	BE	1980	Worthington, Matthew J.	Ch.E	BE	1998
Wise, Sarah L.	BE	ME	2008	Wortman, Carol A.	EE	BE	1991
Wise, Thomas R.	EET	BSAS	1982	Wortman, James L.	EE	BE	1960
Wiseman, Donald K. III	Ch.E.	BE	1989	Wozniak, Edmund E.	IE	BE	1964
Wiseman, Donald K.	Mt.E	BE	1969	Wrasman, Richard J.	CE	BE	1962
Wisniowski, Joseph J. Jr.	IE	BE	1975	Wright, Daniel L.	EET	BSAS	2001
Wisor, Eugene T.	EET	AAS	1985	Wright, David L.	EE	BE	1984
Witala, Donald W.	IE	BE	1969	Wright, Edward F.	EE	BE	1984
Withrow, Deborah D.	Cmp.T.	AAS	1979	Wright, Herbert L.	EET	AAS	1988
Withrow, Hal	EET	AAS	1992			BSAS	1990
		BSAS	1993	Wright, John L.	EET	AAS	1984
Withrow, Hayley A.	CHEM	BS	2008			BSAS	1991
Witkoski, Mark	EET	AAS	1982	Wright, Kenneth N.	IE	BE	1963
		BSAS	1985	Wright, Lawrence Edward	EUT	ATS	2008
Witt, David W.	MET	AAS	1979	Wright, Raymond C.	ME	BE	1983
Witt, Travis Derek	CHEM	BE	2008	Wright, Sharon N.	Cmp.T.	AAS	1981
Witt, William J.	EET	AAS	2003	Wrightson, George W.	ME	BE	1986
Wittaker, Robert J.	IE	BE	1963	Wroblewski, Anthony J.	MET	BSAS	1997
Wittenauer, David J.	CET	AAS	1977	Wroblewski, Anthony	MET	AAS	1995
		BSAS	1980	Wroblewski, Richard	MET	AAS	1977
Wittmann, John F.	EET	BSAS	1987	Wroblewski, Robert J.	EET	BSAS	1982
	EE	BE	1992	Wrona, Edward L.	IE	BE	1965
		BE	1972	Wrona, William C.	EE	BE	1994
Wityshyn, Michael G.		BE	1985	Wujick, Andrew	IE	BE	1969
Witzigman, Kimberly I.		BE	1992	Wuthijaroen, Anusorn	ME	MS	1992
Wojciechowski, Stanley A.	EE	BE	1992	Wyant, Eric J.	Cmp.T.	BSAS	1984
Wojtczak, Frank B.	MET	BSAS	1987	Wyatt, Garrett	MET	AAS	1974
Wolanin, Stephen B.	EET	BSAS	1983			BSAS	1978
Wolbach, Scott Lee	ME	BE	1987	Wych, Zena		BE	1973
Woldemarian, Nikodimos	EE	BE	2005	Wylam, Raymond E.	ME	BE	1960
Wolf, Kirk A.	ME	MS	2002	Wyland, Kristin A.	EE	BE	2004
Wolf, Ray A.	Cmp.T.	BSAS	1985	Wyler, David J.	IE	BE	1968
Wolf, William	MET	AAS	1995	Wylie, Jeffrey	Cmp.T.	AAS	1992
Wolf, William D.	MET	BSAS	1996	Wyman, Richard A.	EE	BE	2006
Wolfe, Charles B.	CE	BE	1982	Wymer, Matthew R.	PPT	ATS	2005
Wolfe, Robert L.	IE	BE	1961	Wynn, Michael A.	EET	AAS	1996
Wolfe, Ronald J.	MET	BSAS	1980			BSAS	1997
Wolff, Kevin A.	EE	BE	1981				

Wynn, Patrick A.	DDT	AAS	2010	Yingyeunyong, Surakate	CE	MS	1985
Wynne, Susanne	Ch.E.	BE	1980	Yobe, Ronald J.	CE	BE	1997
Wyss, Samuel R.	EE	BE	1979	Yoder, Jeffrey G.	ME	BE	1988
Wytko, Paul Stephen	ME	BE	1974	Yoder, Todd P.	ME	BE	1990
Wyza, William E.	EE	BE	1988	Yohman, Rick D.	EET	AAS	1983
Xipolitas, Michael P.	CET	BSA	2007			BSAS	1990
Yablonkai, Jerome A. Jr.	Cmp.T.	AAS	1986	Yoho, Karen J.	EE	BE	1987
		BSAS	1993	Yon, Djunyen	EE	MS	1989
Yacavone, David M.	Mt.E.	BE	1971	Yoost, John	EET	AAS	1977
Yacavone, Michael D.	ME	BE	1994	Yorio, James A.	IE	BE	1969
Yacher, Diane	ME	BE	1984	York, Alan J.	EE	BE	1966
Yacher, Kazmer S. Jr.	EE	BE	1976	Yorkovich, Jacob B.	ME	BE	2006
Yacovone, George A.	EET	AAS	1998	Young, Eugene	EET	AAS	1989
Yacucci, Frank A.	Cmp.T.	AAS	1988			BSAS	1990
Yagelowich, Edwin T.	ME	BE	1961	Young, Gerald	EE	BE	1981
Yahaya, Baba M.	C&EE	MS	2004	Young, Gregory C.	MET	BSAS	1986
Yaist, Ronald P.	Ch.E.	BE	1959	Young, James S.	ME	BE	1973
Yakhchalian, Ahmad	EE	BE	1975	Young, James W.	DDT	BSAS	1989
Yakimovich, Valentine J.	EE	BE	1978			BSAS	1992
Yakob, Peter J.	Ch.E.	BE	1967	Young, Jason A.	CE	BE	2006
Yalovich, Debra	Cmp.T.	AAS	1983	Young, Justin N.	CET	AAS	2005
Yakubek, John P.	MET	BSAS	1983			BSAS	2007
Yakubek, Randy	EET	BSAS	1995	Young, Matthew R.	EE	BE	2006
Yambrovich, Vincent	CE	BE	1957	Young, Ronald D.	CET	AAS	1977
Yanchick, Michael T.	EET	AAS	2003			BSAS	1978
Yang, Da-Hung	Ch.E.	BE	1976	Young, Stewart L.	EET	AAS	1982
Yang, Hyung-Kook	Mat.Sci.	MS	1992			BSAS	1989
Yang, Stewart L.	ME	MS	1987	Yourst, Steve M.	EE	BE	1966
Yaniglos, Richard P.	EET	AAS	1975	Youssefi, Yaghoob M.		BE	1979
Yankel, David L.	ME	BE	1959	Yozwiak, Ronald D.	CE	BE	1980
Yankel, James J.	EE	BE	1980	Yu, Jia-Lung	CE	MS	1979
Yankel, Richard J.	ME	BE	1959	Yuan, Alan F.	ME	BE	1968
Yankle, Joseph T.	CE	BE	1969	Yudkin, Robert	CE	BE	1992
Yankle, Linda H.	Cmp.T.	AAS	1975	Yue, Edward Gee	ME	BE	1969
		BSAS	1980	Yuhasz, Donald E.	EET	AAS	1986
Yankle, Robert J.	Cmp.T.	AAS	1981	Yukech James A.	IE	BE	1987
		BSAS	1982	Yuliano, Victor J.	EET	AAS	1977
Yannacey, David M.	I&SE	BE	1996			EE	1982
Yannerella, Joseph A.	Cmp.T.	AAS	1980	Yurak, Diane	Cmp.T.	BSAS	1988
		BSAS	1982	Yurcho, Anthony M.	Ch.E.	BE	2009
Yannarella, Thomas L.	EE	BE	1983	Yurcic, George M.	EE	BE	1974
Yannucci, Dean A.	EE	BE	1966	Yurcisin, Edward G.	CET	AAS	1979
Yanta, William J.	Mt.E.	BE	1956	Yurek, Theodore F.	Mat.Sci.	BE	1993
Yanul, Joseph M.	Cmp.T.	AAS	1975	Yuricek, Paul K.	EUT	ATS	2006
		BSAS	1977	Yurtin, John A.	MET	BSAS	1980
Yaratch, David J. Jr.	IE	BE	1991	Yusko, Edward J.	Mt.E.	BE	1971
Yardas, Douglas A.	Ch.E.	BE	1962	Yusko, John	MET	BSAS	1990
Yarger, Larry	EET	AAS	1995	Zabel, Joseph W.	Cmp.T.	AAS	1984
Yario, James A.	IE	BE	1969	Zabik, Richard J.	CE	BE	1963
Yarnell, Nickolas A.	EET	AAS	1979	Zacarchuk, Leonard	Mt.E.	BE	1962
Yasechko, Janet	IE	BE	1984	Zachar, Steven J.	DDT	AAS	1981
Yaslik, Alan D.	Ch.E.	BE	1977	Zachar, Thomas L.	Cmp.T.	AAS	1985
Yasnowski, Thomas	Cmp.T.	AAS	1991	Zacharias, Jonathan R.	ME	BE	2004
Yates, Sharon L.	Cmp.T.	AAS	1988	Zack, Robert T. Jr.	CE	BE	1980
		BSAS	1989	Zack, Ronald	Cmp.T.	AAS	1990
Yatsco, Michael P.	ME	BE	2009	Zagorski, Louis	EET	BSAS	1989
Yaussy, Douglas A.	MET	BSAS	1978	Zagotti, Lynn Marie	ME	BE	1993
Yazdi, Mohammad R.	CE	BE	1979	Zahran, Fadi Y.	Ch.E.	BE	1989
Yazvac, John S.	CE	BE	1972	Zahran, Hassan Y.	CE	BE	1985
Ye, Fang-Qiu	EE	MS	1990	Zahran, Michael I.	EE	BE	2010
Yeager, David L.	ME	BE	1959	Zaitzew, Anne E.	Cmp.T.	AAS	1990
Yeager, Eugene W.	EE	BE	1971	Zajac, John J.		BE	1995
		MS	1978	Zallow, Charles E.	ME	BE	1985
Yeager, Jeffrey S.	CE	BE	1989	Zallow, Kevin J.	EE	BE	1990
Yeager, Lee	EUT	ATS	2008	Zaluski, Dennis M.	Cmp.T.	BSAS	1989
Yeager, Michael J.	EE	BE	1988	Zamarelli, James L. Jr.	EET	AAS	1988
Yeagley, David A.	ME	BE	1992			BSAS	1991
Yee, Joe L.	EE	BE	1962	Zamborsky, Penny M.	Mat.Sci.	BE	1991
Yeh, Hsuchiao	EE	MS	1972	Zampedro, Jesse B.	ES	AB	2008
Yehya, Mazen A.	CE	BE	1988	Zampedro, Val A.	CE	BE	1977
Yeager, Lee W.	EUT	ATS	2008				
Yendrek, Michael R.	Ch.E.	BE	1965				

Zampino, Russell A.	Cmp.T.	AAS	1979	Zimmerman, Justin J.	ME	BE	2002
Zanetakis, Michael B.	EE	BE	1981	Zimmerman, Mark E.	EET	AAS	1980
Zapka, Jason A.	EE	BE	1998	Zimmerman, Richard	MET	AAS	1997
Zapka, Wayne S.	EE	BE	1973	Zimmerman, Robert Jr.	CE	BE	1972
Zapotocky, George	EE	BE	1984	Zindah, Ayman S.	EE	BE	1999
Zapotocky, Zenek	IE	BE	1971	Zinghini, Constance R.	Cmp.T.	AAS	1985
Zappa, Michael P.	Cmp.T.	BSAS	1980	Ziobert, Randall L.	Cmp.T.	AAS	1984
Zappia, Steven F.	CET	AAS	1982			BSAS	1987
		BSAS	1992	Zipay, Ronald A.	Cmp.T.	BSAS	1981
Zarilla, Samuel F.	IE	BE	1963	Zipay, Wesley P.	MET	AAS	1979
Zarlenga, Dante S.	ME	BE	1965	Zirak, Majid		BE	1971
Zarlenga, Joseph E.	EE	BE	1974	Zitricki, Genevieve	Cmp.T.	BSAS	1988
Zarlenga, Louis A.	CE	BE	1963	Zitricki, Michael A.	EET	AAS	1987
Zarnosky, Matthew	EET	AAS	1994	Zmuda, William J.	Mat.Sci.	BE	1992
Zarnosky, Matthew J.	EET	BSAS	1999	Zoccali, Greg	EET	BSAS	1993
Zastany, Glenn M.	Cmp.T.	AAS	1979	Zoccali, Joseph	EE	BE	1965
Zavadil, Micah E.	MET	AAS	2002	Zocolo, Thomas A.	EET	AAS	1997
		BSAS	2003			BSAS	1999
Zavarei, Reza A.	CE	BE	1980	Zocolo, William A.	ME	BE	1967
Zavarei, Reza A.	CE	BE	1994	Zogakis, Thomas G.	EE	BE	1962
Zbegan, Stanley J.	ME	BE	1951	Zogheib, Rachid F.	CE	BE	1987
Zbell, Richard P.	ME	BE	1958			MS	1989
Zebarjadian, Ali-Reza	ME	BE	1980	Zokle, George A. Jr.	CE	BE	1967
Zebrasky, Cathryn S.	Cmp.T.	BSAS	1985	Zolnier, Jon A.	EET	BSAS	1983
Zebrasky, Thomas A.	MET	AAS	1975	Zolovick, George T.	Ch.E.	BE	1964
Zedaker, Trudy L.	Ch.E.	BE	1986	Zombar, Jeffrey D.	ME	BE	2002
Zelich, Steven	MET	AAS	1982	Zona, Patrick H.	EE	BE	1989
		BSAS	1983	Zona, Victor C.	Cmp.T.	AAS	1984
Zelinka, Peter P.	EET	AAS	1980	Zook, Eugene E.	Mt.E.	BE	1969
Zelinka, Tina M.	Cmp.T.	AAS	1984	Zopplet, Laura C.	EE	BE	2002
		BSAS	1988	Zorella, Louis D.	CET	AAS	2003
Zellers, Robert C.	CE	BE	1967			BSAS	2006
Zembower, Andrew R.	EE	BE	1979	Zorkot, Talal R.	CE	MS	1988
Zenevich, Troy	IE	BE	1992	Zorman, Dennis F.	EET	AAS	1974
Zenios, Theofani	Ch.E.	BE	1991			BSAS	1975
Zentner, Richard	EET	BSAS	1991	Zorn, Robert A.	EET	AAS	1983
Zents, Russell	MET	AAS	1993	Zuberi, Azam H.	ME	MS	1982
				Zubkovsky, John T.	IE	BE	1973
Zepernick, Randy A.	Cmp.T.	AAS	1983	Zubyk, Stephen G.	Mat.Sci.	BE	1992
		BSAS	1986	Zuccaro, Michael	ME	BE	1999
Zepka, Richard	Ch.E.	BE	1966	Zuccaro, Nicholas	EE	BE	2000
Zeppetella, David L.	EE	BE	1995	Zucco, Frank	Cmp.T.	AAS	1987
Zerovich, Karl	MET	AAS	1991	Zucco, Joseph A.	ME	BE	1994
Zetts, David	Cmp.T.	AAS	1987	Zucco, Marisa	Cmp.T.	AAS	1988
Zetts, Michael A.	MET	AAS	1987			BSAS	1991
Zetts, Michael G.	CE	BE	1985	Zumrick, Kenneth J.	EE	BE	1964
Zhang, Feiwen	EE	MS	1999	Zumrick, Robert M.	EE	BE	1983
Zhang, Hong	ME	MS	2001	Zupancic, Anthony P.	Mat.Sci.	MS	1977
Zhang, Zhaonian	EE	MS	1999	Zuppo, David W.	CE	BE	1982
Ziaabadi, Ahmad	EE	BE	1971	Zuppo, John R.	EE	BE	1971
Ziccardi, Robert M.	EET	AAS	2004	Zurawick, George E.	Ch.E.	BE	1969
	EET	BSA	2007	Zurawick, Thomas E.	EE	BE	1959
Ziegler, John A.	Cmp.T.	AAS	1987	Zurek, Leslie	EE	BE	1969
		BSAS	1990	Zuti, Brian S.	EE	BE	1996
Ziegler, Kevin R.	EE	BE	1989	Zuzga, Frank Matt	EE	BE	1952
Ziegler, Timothy A.	Cmp.T.	AAS	1985	Zuzik, Jonathan C.	MET	BSA	2009
Zielke, Harry R.	ME	BE	1963	Zvilna, Andrew	EE	BE	1959
Ziemianski, Anthony J.	ME	BE	1955			MS	1972
Ziemianski, John J.	IE	BE	1982	Zwick, Angela N.	CE	BE	2007
Ziemianski, Joseph A.	ME	BE	1955	Zwick, Ryan M.	Ch.E.	BE	2007
Ziemianski, Thomas G.	ME	BE	1964	Zysk, Timothy J.	EE	BE	1981
Zigarevich, Mark S.	Cmp.T.	AAS	1985	Zyuski, Carolyn M.	Cmp.T.	AAS	1991
Zigman, Jacqueline A.	CET	AAS	2009			BSAS	1992
Zilavy, Jeffrey	CET	AAS	1988				
		BSAS	1993				
Zilke, Scott A.	MET	AAS	1984				
		BSAS	1994				
Zimmer, Cheryl A.	Cmp.T.	AAS	1984				
Zimmer, James A. Jr.	EE	BE	1982				
Zimmer, Robert B.	Cmp.T.	AAS	1976				
		BSAS	1980				
Zimmerman, Doris B.	Mat.Sci.	MS	1992				



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