

ME

HAPPENINGS IN THE COLLEGE OF ENGINEERING & TECHNOLOGY

Volume 1 - No. 2

November 18, 1996

Letter From President Cochran - Following are a couple of paragraphs from a letter sent to Dean Stevens:

"I want you to know that our office has received numerous calls and comments about the move of the College of Engineering and Technology to a cooperative education base. In each of the last two nights, in off-campus meetings, I have had at least fifteen to twenty individuals come up to me and make specific comments. The applause and praise for you and the faculty have been loud and clear.

It is obvious that your College has touched the pulse of the business and industrial community. I am sure, too, that our students are elated. Please give my personal commendation to your faculty colleagues....."

Tech Prep Students at YSU - During the weeks of October 28 and November 4, Donald Slanina hosted the TECH PREP students in the electrical program from the Mahoning County JVS in Canfield and their instructor, Mr. Abrams. They conducted most of their classes at YSU. During their first day, Mr. Slanina guided them on a tour of campus to familiarize them with their surroundings. Then it was back to work in the classroom. They did electrical circuit calculations then verified the results of the calculations by conducting experiments in the laboratory. A tour of the planetarium gave the students some insight on the types of employment their Tech Prep education will prepare them to do. On their last day at YSU, they attended Mr. Slanina's lecture in the Electrical Technology Circuit Theory III class to gain exposure to the college classroom atmosphere, and were given a written exam on the work they had done.

Career Services + Technology = Career Connection - submitted by Diane D. Hritz. In an effort to meet the dynamic needs of the clients we serve, Career Services has experienced many changes during the past few years. Some of those changes include streamlining our registration process, developing a computerized resume referral database, making available on-campus student job postings accessible via computers, upgrading our Career Information Center to include contemporary career-related literature as well as computerized guidance systems and on-line government job postings

Our evolution continues. Later this month, we will be enhancing our newsletter. The Penguin Flyer will be transformed into the Career Connection. The new publication will contain relevant information regarding careers, demographics, YSU students and alumni who have reached their goals, salary data, interviewing strategies, job searching the Internet, etc., etc., etc. Additionally, current job opportunities will be available via three separate news groups located within the YSU news group. To obtain current professional position listings, access: YSU.jobs.professional.

We are confident that the Career Connection will be an equally valuable resource to individuals launching their professional career as well as to those who are seeking new professional opportunities. We are excited about the change and we hope that you will enjoy journeying into the twenty first century with us.

Midwestern Association of Graduate Schools 1997 Distinguished Master's Thesis Award - Following is copied from a letter of nomination sent by Dr. Peter J. Kasvinsky, Dean of Graduate Studies.

"I am pleased to submit the enclosed materials in support of Youngstown State University's nomination for the Midwestern Association of Graduate Schools 1997 Distinguished Master's Thesis Award.

This year's nominee is Mr. Andrew J. Barr whose thesis entitled "The Fuzzy Logic Control of an Active Vehicle Suspension" was submitted for his Master of Science in Engineering degree in January, 1996. The Graduate Council believes that Mr. Barry's thesis work is truly excellent and deserving of consideration for this award."

Dr. Javed Alam Receives Congratulations From NASA & JOVE - On October 14, 1996, Dr. Javed Alam received a letter of congratulations on his exceptional performance in Curriculum Development in the establishment of a new course - **Special Topics: Land Information Systems CE 965** - from the National Aeronautics and Space Administration.

Dr. Wade Driscoll's Paper Is Published - Dr. Wade C. Driscoll, Professor, Industrial and Systems Engineering, had his paper, "Robustness of the ANOVA and Tukey-Kramer Statistical Tests," published in **Computers and Industrial Engineer**, Vol. 31, No.1/2.

21st Annual Engineering Technology Leadership Institute - Dr. Theodore Bosela, Assistant Professor and Director of the School of Technology recently attended the 21st Annual Engineering Technology Leadership Institute. The ETLI brings the two-year and four-year Engineering Technology education

community together to address issues and challenges of common interest in an informal forum for open discussion. Session topics included teaching portfolios, tenure and post tenure review, benchmarking in Engineering Technology, and distance learning. The conference was held October 26-29, 1996 in Orlando, Florida.

Dr. Jack Bakos Visits West Virginia University - On October 25, 1996, Dr. Bakos visited the Department of Civil & Environmental Engineering at West Virginia University in Morgantown, West Virginia. He was quite surprised to see a program that is beginning to see quite a significant enrollment increase be, for all practical purposes, very traditional in nature. He was very fortunate to be on campus on the day of the "Great Pumpkin Drop". There were banners all over the College, as well as posters advertising this event which took place at noon on October 25th. The event was open to grade schools, high schools, all other colleges, dormitories, fraternities, sororities, engineering departments, etc. It was sponsored by the Department of Mechanical and Aerospace Engineering and required a small registration fee with the fees being donated to the local Ronald McDonald House. The event consisted of packaging a pumpkin (having a minimum 8" diameter) in any package device to be tossed off the top of the 12 story Engineering Building to see how close the packaged pumpkin would come to a target painted on the ground. Any package container seemed to be acceptable, including those equipped with parachutes. The winner was that device that came closest to the target without cracking or damaging the pumpkin. If the pumpkin was cracked or damaged in any way, the participant was automatically disqualified. There were over a hundred entrants and a tremendous group of spectators to include disc jockeys and local TV stations. It was quite a festive occasion. Many of the local schools, including entire grade schools, participated. Discussions with the students who were in charge of registration indicated that over the past couple of years, the event had been won by local grade school students. In my conversation with Dr. Martinelli of the C&EE Department, he indicated that he wished that the C&EE Department had a similar program that could be so effective in generating enthusiasm and interest, not only on campus but for a wide area of West Virginia.

Lighting in Schwebel Auditorium - When the lights will not dim, it is hard to teach in Schwebel. When the lights will not come on, it is also hard to use Schwebel Auditorium. During the last month, the lighting system became undependable.

On October 16, the architect, the contractor, the manufacturer's representative and the installation people met with a number of us from YSU to discuss the problem. There was common agreement that we must have a reliable system. Many installations use this same switching system and the same lights successfully. One of the complications was adding the AMX system into the controls. Since the shortcomings in the room were erratic and difficult to reproduce, the first step was to separate the lighting controls from the AMX touch pad control.

We will use the wall switches to control the lights to see if this eliminates the problem. Later the lights will be hooked up to the AMX again.

Anyone experiencing any unusual response to the lighting system is asked to enter it in the log book as well as if it is significant to let us know in the Dean's office so we can contact the manufacturer's rep. These intermittent electronic problems are tricky, but please feel free to fully utilize the system. We don't want to baby it and are better served by fully utilizing the system and identifying what is causing the malfunction.

Aside from the lighting, things seem to be going quite well in Schwebel Auditorium.