YOUNGSTOWN STATE UNIVERSITY

COMMENCEMENT



May 6, 2017 , Beeghly Center



YOUNGSTOWN STATE UNIVERSITY An Innovative Educational Leader

Jounded in 1908, Youngstown State University originally served 160 students with about a dozen faculty members and provided expanded educational opportunity for all people—store clerks and factory managers, steel industry workers, newly arrived immigrants, women and men, and both part-time and full-time learners.

This progressive spirit guided the development of the institution as it evolved from a YMCA technical institute, later as Youngstown College (1928), then as Youngstown University (1955) and, in 1967, as Youngstown State University, a member of the Ohio public higher education system.

Today, Youngstown State University is a leading comprehensive university, serving more than 12,750 full- and part-time students with 117 undergraduate programs, 50 master's degree programs, one specialist program, and three doctoral degree programs. There are approximately 400 full-time faculty and nearly 650 full-time professional and support staff members in seven colleges and administrative departments.

In partnership with schools and the corporate and non-profit communities, Youngstown State University promotes diversity and excellence in teaching, research, and service to increase the educational attainment and economic and environmental vitality of the region.

Throughout its history, Youngstown State University has been cited as an innovative educational leader. It has also been recognized through numerous awards—both in academics and athletics—as one of the best urban, public, comprehensive universities in the United States.

Each graduate we celebrate today is a YSU Success Story. They join more than 100,000 outstanding alumni members across the nation and around the world.

PROGRAM

| PRELUDE | <i>"Stars and Stripes Forever March</i> " by John Philip Sousa YSU Wind Ensemble |
|---------------------------------|---|
| | Stephen L. Gage, Director of Bands & Orchestra/Professor of Music Dana School of Music, College of Creative Arts and Communication |
| ACADEMIC PROCESSIONAL | |
| | March by Gustav Holst "Pomp and Circumstance": March No. I by Sir Edward Elgar "March Processional" by Clare Grundman |
| WELCOME | |
| COLOR GUARD The | Youngstown State University Army Reserve Officers' Training Corps |
| NATIONAL ANTHEM | arr. Traditional Stephen West, <i>Dana School of Music</i> |
| STUDENT REFLECTION | |
| | Daniel Belinky Graduating Senior, Williamson College of Business Administration |
| Graduating Senior, Dr. Do | 2:30 pm Gabriella Gessler <i>ominic A. and Helen M. Bitonte College of Health and Human Services</i> |
| PRESIDENT'S REMARKS | |
| INTRODUCTION OF SPEAKER | |
| COMMENCEMENT ADDRESS AND | |
| PRESENTATION OF HONORARY DEGRE | E |
| | Founding partner and CEO, Kalypso LP Honorary Doctor of Business Administration |
| | 2:30 pm Presley L. Gillespie |
| | President, Neighborhood Allies Honorary Doctor of Humane Letters |
| MUSICAL SELECTION | |
| | Meredith Wilson arr. Naohiro Iwai |
| REMARKS AND PRESENTATION OF CAN | DIDATES FOR DEGREES |
| CONFERRING OF DEGREES | President Tressel |

| PROGRAM (continued) | |
|---|--|
| PRESENTATION OF CANDIDATES FOR DEGREES 9:30 am Sal Sanders, Dean of the College of Graduate Studies Betty Jo Licata, Dean of the Williamson College of Business Administration Charles Howell, Dean of the Beeghly College of Education Wim Steelant, Dean of the College of Science, Technology, Engineering and Mathematics | |
| 2:30 pm Sal Sanders, Dean of the College of Graduate Studies Phyllis Paul, Dean of the College of Creative Arts and Communication Joseph Mosca, Dean of the Dr. Dominic A. and Helen M. Bitonte College of Health and Human Services Kristine Blair, Dean of the College of Liberal Arts and Social Sciences | |
| CLOSING REMARKS | |
| ALMA MATER | |
| RECESSIONAL"National Emblem" by E.E. Bagley "Liberty Bell March" by John Philip Sousa "Fairest of the Fair" by John Philip Sousa | |

The audience is asked to be seated after the singing of the Alma Mater and to remain seated during the Recessional. During this special ceremony, please be respectful of others and maintain a quiet atmosphere. Sign language interpreters will be positioned in the upper northwest section of the gymnasium.

COMMENCEMENT SPEAKER 9:30 AM

COMMENCEMENT STUDENT SPEAKER 9:30 AM



Youngstown State University in 1983. He George H. Young holds a PhD in Organic Chemistry from The Ohio State University and an MBA from Rice University. His professional career began in R & D with The BFGoodrich Company. He then moved to management consulting with Deloitte and served as a Partner. He founded Kalypso in 2004. He holds two U.S. Patents and has authored numerous scientific and business publications.

Young is also concerned with helping people recover from addiction and is a founding member and vice president of Sober Living Cleveland. In his spare time he writes and performs music and tries to spend as much time as possible with his family.

George H. Young is a founding partner and CEO of Kalypso LP, a global management consultancy dedicated to digital innovation and product development. In his role as CEO, Young oversees firm strategy, planning for growth and delivery of services to Fortune 100 Companies.

Young received a BS in Chemistry from



Daniel Belinky is a Business Economics major with a minor in Mathematics. Throughout his tenure at Youngstown State University, he has held leadership roles in numerous student organizations and become an active member of both the Honors Program and the Williamson College of Business Administration. In 2013, Belinky graduated with honors from Boardman High School where he

Daniel Belinky

served as Student Council President and was deemed a National Merit Scholar.

In March of his senior year, Belinky received the Leslie H. Cochran Scholarship and committed to Youngstown State as a member of the 21st Class of University Scholars. Keeping with the program's tradition of community service and volunteerism, Belinky served as vice president of the Ugandan Water Project in his sophomore year and contributed to the construction of two purification tanks in the country.

Belinky has a passion for learning and for exchanging knowledge with others. In accordance with this interest, he served as a peer tutor in the Center for Student Progress during his sophomore and junior years. As a campus tutor, Belinky conducted review sessions for accounting, statistics, finance and economics courses.

In the current academic year, Belinky has served as president of Beta Gamma Sigma, an international honorary society which recognizes top business students from accredited universities across the world. As president of the organization, Belinky coordinated multiple volunteering efforts and was instrumental in planning and organizing WCBA's inaugural Case Study Competition.

During the summer of 2013, Belinky worked at MakerGear, LLC in Beachwood, Ohio as an export specialist intern through the Ohio Export Internship Program. This summer, Belinky has accepted a position with First National Bank as a cost analyst intern. Next Fall, Belinky will serve as a teaching assistant in the Economics Department as he works towards a Master's in Financial Economics. After completing his Master's, Belinky hopes to achieve CFA certification and work in the field of risk analysis.

COMMENCEMENT SPEAKER 2:30 pm



Presley L. Gillespie is the inaugural president of Neighborhood Allies, a community development intermediary that supports the people, organizations and partnerships committed to creating and maintaining thriving neighborhoods in Pittsburgh, Pa. He is responsible for working collaboratively with the Board of Directors, the community, key funders and staff to launch this new entity, and has ultimate

Presley L. Gillespie

responsibility for the overall management of the organization including, but not limited to operations, fundraising, financial management, hiring and personnel management, board and external relations, vendor management, grant making/strategic investments and evaluation/outcomes/quality assurance.

Gillespie is a nationally recognized leader in the field of community and economic development and was most recently the founding executive director of the Youngstown Neighborhood Development Corporation (YNDC), the first city-wide community development corporation in Youngstown, Ohio. Presley came to the non-profit sector after a successful 18 year banking career, primarily focused on community development lending and community revitalization. Previously, he served as vice president for KeyBank where he was responsible for identifying, structuring and closing community development/ commercial real estate loans that ultimately led to the creation of affordable housing, economic development and job creation.

While in Youngstown, he led YNDC for five years, from a start-up organization with a budget of \$200,000 to a large, dynamic entity with a \$3.1 million budget. Under Gillespie's direction, YNDC's accomplishments included:

- Leading one of the most comprehensive and successful neighborhood stabilization efforts in Youngstown's history.
- Developing the two-acre YNDC Neighborhood Revitalization Campus, including Iron Roots Urban Farm, HMHP Foundation Demonstration Kitchen and Community Training Workshop.
- Launching a first of its kind Community Loan Fund, a first mortgage product for low-to-moderate income home buyers.

His prior banking experience includes, vice president, middle market commercial banking for a \$15 billion dollar banking institution, where he managed a \$50 million dollar commercial lending portfolio. Prior to that assignment, he was vice president, community development manager for a \$2 billion dollar banking institution, where he managed the community development banking division. In that role, he led the corporation's business development efforts related to affordable housing, commercial real estate in urban markets and community investments. Presley has structured more than \$60 million dollars in community development lending, including real estate developers, non-profit corporations and corporate banking clients.

Presley has served on numerous boards locally and nationally, and currently serves on the Board of Directors of The Center for Community Progress, the Advisory Board of the Greater Pittsburgh Nonprofit Partnership and the Western Pennsylvania Regional Data Center Advisory Board. In 2015 Presley was selected by Pittsburgh Mayor William Peduto as a Daniel Rose Fellow with the Rose Center for Public Leadership, a fellowship established to encourage and support excellence in land use decision making by local governments.

Presley holds a bachelor's in Organizational Communication and Management from Youngstown State University. He resided for 18 years in Youngstown, Ohio with his wife Nora and their two children and relocated to Pittsburgh in 2014.

COMMENCEMENT STUDENT SPEAKER 2:30 PM



Gabriella Gessler is graduating with a degree in Exercise Science, Pre-Physical Therapy through the Bitonte College of Health and Human Services. Over the past four years, Gessler has served as a student representative, vice president and most recently, president of the Student Government Association. Her years of service have involved her in the establishment of various initiatives

Gabriella Gessler

including the YSU Student Food Pantry and Mental Health Advocacy Training. She has also spearheaded the creation of various academic and student experience committees involving Text Book Affordability and Inclusion and Awareness.

While much of her time was devoted to the service of the student body and YSU campus community, Gessler also dedicated time to other areas of campus such as the Phi Kappa Phi and Alpha Epsilon Delta honors societies, as well as the Andrews Campus Recreation and Wellness Center where she has been employed for four years.

Under the direction of Dr. Sara Michaliszyn, Gessler completed an internship through the Department of Kinesiology and Sport Science. She worked in studies involving the Effects of Aerobic Activity on Gestational Weight Gain in Women and the Intervention of Exercise on Clinical Populations at the Midlothian Free Health Clinic.

With a passion for both service work and medical care within low socio-economic populations, Gessler plans to continue her education at YSU where she has been accepted in the Doctorate of Physical Therapy Program, with the eventual goal of treating in free, research-based pediatric clinics.

MACEBEARER 9:30 AM



Dr. Gabriel Palmer-Fernández is distinguished professor in the Department of Philosophy and Religious Studies. He was born in Havana, Cuba and emigrated for the United States with his family after the Cuban Revolution, settling first in New Orleans and then Miami Beach. He received his doctorate degree from Harvard University and joined the YSU faculty in 1992. From 1996 to 2016

Gabriel Palmer-Fernández, PhD

he served as director of YSU's Dr. James Dale Ethics Center.

Among Palmer-Fernández's publications are several books, including the *Encyclopedia of Religion and War* and a translation of *Anarchism in Latin America*, scheduled for release later this year. His research has appeared in book chapters and in scholarly journals such as *The Thomist, Journal of Medicine and Philosophy, Journal of Social Philosophy, Journal of Religious Ethics, International Journal of Applied Philosophy, Teaching Ethics, Journal of Applied Philosophy and Ethics*, and *Philosophy and Public Policy Quarterly*. He is currently working on a translation of a biography of the Mexican revolutionary Ricardo Flores Magón, and on issues of open borders and the right to free movement.

He is a recipient of YSU's Distinguished Professor Award in the areas of Scholarship, Teaching and twice of Service; of the Smith-Murphy Award given by Student Government Association; and a four-time recipient of the Service Award from YSU-OEA, the faculty union. Dr. Palmer-Fernández is a distinguished member and past president of YSU's Chapter 143 of the Phi Kappa Phi Honor Society. His civic activities have included service as a board member of the ACLU of Ohio and the former Planned Parenthood of Mahoning Valley. He lives in Boardman, Ohio with his wife, Sarah V. Lown.

MACEBEARER 2:30 pm



Christine Cobb, professor in the Department of Theater and Dance has taught at YSU since 1990. She serves as the program director and coordinator of YSU's bachelor of art degree in Dance Management and dance minor programs and as advisor to and director of the YSU Dance Ensemble. In addition, she has choreographed a myriad of YSU musical theater productions.

Christine Cobb

Earning degrees from Illinois State University (1976) and The Ohio State University (1989) with an emphasis in choreography, Cobb has taught master classes and professional conference presentations at National Dance Education Organization (NDEO); PA State Association for Health, Physical Education, Recreation and Dance (HPERD); Eastern District Association for HPERD; California State Association for HPERD; Maryland Dance Festivals; American College Dance Association conferences (ACDA); Kista Tucker and Ballet Western Reserve Summer Dance intensives; and Dance Teacher Magazine Summer conferences with her late husband Thom.

She is the recipient of professional honor awards from EDA, NDEO and PSAHPERD, where she served as Vice-President of the dance division from 2001-2002. YSU honors include the Libra Award, Mentor of the Year Award, YSU's professional award for service and distinguished member award from Phi Kappa Phi Honor Society, where she continues to serve on the executive board.

She is a board member of Ballet Western Reserve and is deeply grateful for these many years afforded her to serve her profession, her community and especially her wonderful YSU students and colleagues!

CANDIDATES FOR DEGREES

COLLEGE OF GRADUATE STUDIES

DOCTOR OF EDUCATION

Kelly L. Colwell

Dissertation: Disseminating the Cost of the Empty Chair: Improving Healthcare Access and No Show Rates through Age and Disease Specific Education in the Pediatric Asthma Patient Population Educational Leadership

Kelly Sue Darney

Dissertation: Vocational Nursing Programs in Appalachia: The Effects of Technology Efficacy Across Traditional and Non-Traditional Post-Secondary Students Educational Leadership

Edward Joseph Dombroski Dissertation: *Local School Districts Developing their Future Leaders* Educational Leadership

James Patrick Moran Dissertation: *The Impact of Extracurricular Activity on Teacher Job Satisfaction* Educational Leadership Susan M. Olive

Dissertation: *The Value of Science Fair and the Factors that Have Led to the Decline in Ohio Science Fair Competition* Educational Leadership

Lynda Marie Ricciardi

Dissertation: The Perception and Reported Impact of the Patient Protection and Affordable Care Act on Participation in Health Care and Health Maintenance by Caucasian Males Educational Leadership

William Franklin Young

Dissertation: 1:1 Laptops in Education and Achievement Test Results in One Rural Ohio High School Educational Leadership



EDUCATIONAL SPECIALISTS

Leslie Ann Biastro School Psychology

Elizabeth Christani School Psychology

Nicole M. Cicozi School Psychology Heather Nichol Frank School Psychology

Laura Marie Revetti School Psychology Lindsay Ann Robinson School Psychology

Benjamin Paul Schade School Psychology Ashleigh Marie Young School Psychology

Sarah N. Zuzik School Psychology

CANDIDATES FOR DEGREES

COLLEGE OF GRADUATE STUDIES (CONTINUED)

DOCTOR OF PHILOSOPHY

George David Kubas Dissertation: Detection of PETN Using Peptide Based Biologically Modified Carbon Nanotubes Materials Science and Engineering



DOCTOR OF PHYSICAL THERAPY

Joseph Alfano Physical Therapy

Louis John Bartlo III Physical Therapy

Bronson Bartolone Physical Therapy

Ashlee Beaumier Physical Therapy

Teale K. Bennett Physical Therapy

Abby Biddlestone Physical Therapy

Joseph John Buchenic Physical Therapy

Robert Douglas Cameron Physical Therapy Douglas Alexander Flamino Physical Therapy

Kelli Lynn Girts Physical Therapy

Bradley James Hirko Physical Therapy

Lanie E. Hoehn Physical Therapy

Jennifer Lynn Jablonski Physical Therapy

Kasey Ann Jones Physical Therapy

Samantha Lynn Malmfeldt Physical Therapy Jay Nicholas Musial Physical Therapy

Matthew D. Nelson Physical Therapy

Joshua Kaleb Nichols Physical Therapy

Jeremy Curtis Oller Physical Therapy

Nicole Anne Pavlichich Physical Therapy

Emily Rose Roth Physical Therapy

Alyssa Jean Sansone Physical Therapy Tanya Lee Shadle Physical Therapy

Adam Joseph Shrodek Physical Therapy

Cyril Michael Shuster Physical Therapy

Drew Douglas Snyder Physical Therapy

Nicholas Aaron Szwedko Physical Therapy

Sean Cameron Uber Physical Therapy

Benjamin Thomas Veatch Physical Therapy

Master of Arts Rachel Taylor Briceland Gerontology

Jennifer Ann Canter English

Carly Elizabeth Carcelli English

Denis Marshall Crawford Thesis: It Wasn't a Revolution, but it was Televised: The Crafting of the Sports Broadcasting Act History

Amber Lyn Durkin Thesis: Care Management Workforce Issues: An Analysis of Indiana, Ohio and Pennsylvania Gerontology

Callie Elizabeth Haas English

Jenna Bishop Hudock Art Education

Leah Marie Ifft Thesis: Youngstown Responds to Survivors of the Holocaust History

Jennifer Ashley Jerek English

Roger Dale Juntunen Thesis: Death of a Fadno: A Short-Lived Musical Instrument of Sami Material Culture History

Cassandra Rose Kibler History

Melisa Mankin Lambe American Studies

Jeong A. Lee English

Celeste M. Marshall Economics

Susan Maruca Thesis: Revealing the Erosion of Identity through Class Stratification: The Elusiveness of Sherman Alexie's Authentic Indian English Alexandra McFarland Economics

Lee James Murray English

Mike-Gabriel Okpala Economics

Frank Armand Pape History

Ma.Lourdes Lagamayo Pesarit-Hainley Gerontology

Taylor Ann Phillips Interdisciplinary Communication

Kiana Rae Quolas Gerontology

Christine Louise Ratvasky Gerontology

Amanda Arcadia Rivera Thesis: *Substance Abuse in the Dying* Gerontology

Annaliza Ronquillo English

Kevan John Sullivan Interdisciplinary Communication

Verónica Sofía Torres Oquendo English

Jina Marie Vitullo English

Aimee Lee Wehmeyer History

Bailey Claire Yoder History

Andrew Zajac History

Master of Accountancy Stephanie M. Burke Accountancy

Kayla Marie Cerimele Accountancy

Jerald John Dugan Accountancy

Ali Nicole Gatrell Accountancy Angeline Marie Gouldsberry Accountancy

Mei Liu Accountancy

Jeremy Daniel Mathieson Accountancy

Ann Louise Phillips Accountancy

Justin Albert Reiss Accountancy

Rachel Scot Scurpa Accountancy

Master of Business Administration

James Arafa General Business

Thomas Joseph Baker General Business

Trevor Harper Braun General Business

Mark Burley General Business

Brittany Diane Burnett General Business

Jeff R. Crone General Business

Matthew James Cyrus General Business

Brett Michael Dalton General Business

Traci Marie Davis General Business

Stephen Fabich General Business

Brian M. Flood General Business

Dylan Charles Halladay General Business

Brett Anthony Hammer General Business

Louis Salvatore Isabella III General Business

John Jay Jakubek General Business

Jennifer L. Laughner General Business

Phillip Michael Lipari General Business

Emily Viola Mach General Business

Ryan Patrick McCarthy General Business

Jennifer Dawn McDonough General Business

Kim Marie McPhilomy General Business

Amanda Marie Nichols General Business

Anna-Marie Oakes General Business

Nicholas Andrew Ragan General Business

Justin Kyle Reese General Business

Micah Edward Roberts General Business

Christopher Allen Spielman General Business

David J. Stillwagon General Business

Allison Marie Vross General Business

Jonathan E. Zetts General Business

Master of Computing and Information Systems

Praveen Gadamsetti Computing and Information Systems

Jazzmine Latia Guzman Computing and Information Systems

Rohith Kumar Juvvadi Computing and Information Systems

Vinay Kumar Koganti Computing and Information Systems Joseph Brian Korchnak Thesis: Implementation of Probabilistic Smart Terrain in Unity 2D game Computing and Information Systems

Richard Ian Kountz Computing and Information Systems

Anoohya Makkapati Computing and Information Systems

Swetha Gayathri Sripathi Panditharadhyula Computing and Information Systems

Nishitha Yedla Thesis: *An Eye Tracking Study Assessing Code Readability* Computing and Information Systems

Master of Education

Kymberly Ann Bowlen Intervention Services

Lindsy Nicole Cox Intervention Services

Kelsey Rose Demyen Intervention Services

Mary A. Gaudio Intervention Services

Julianne Renee Laird Intervention Services

Kristen Nicole Osiniak Intervention Services

Alexis Nicole Paidas Intervention Services

Brittany Nicole Ruffo Intervention Services

Jo Ann Sicafuse Intervention Services

Julie Ann Sinkuc Intervention Services

Master of Fine Arts

Kayla Kristen Jeswald Thesis: *Stages of Blue* Creative Writing

Alex James Puncekar Thesis: *The Bright Garden* Creative Writing

William Ryan Soldan Thesis: *In Just the Right Light* Creative Writing

Master of Health and Human Services

Danielle Katherine Class Health and Human Services

Courtney Christine Hunter Health and Human Services

Ashley Nicole Lopes Health and Human Services

Tyler Christian Moxley Health and Human Services

Susannah Veronika Salinas Health and Human Services

Joseph Michael West Health and Human Services

Master of Music

Alexander Austin Ayers Thesis: Tradition and Training: A Look at Folk Elements Within Modern Jazz and a New Approach to Composition Using Elements from Appalachia Music Jazz Studies

Caitlin Marie Hedge Music Performance

Anthony John Kunovic Thesis: *Pat Metheny Plays the Blues* Music Jazz Studies

Brandon James Ritchie Music Performance

Kevin Martin Smith Music Performance

John Wilson Stumpff Music Performance

Stephen James West Music Performance

Master of Public Health

Naseem Amirmokhtari Public Health

Rachel Katherine McGrath Public Health

Master of Science

Kelsey M. Aeppli Thesis: A Cultural Analysis of Police Stress: An Application of Grid/ Group Theory Criminal Justice

Rahatu Alasane Mathematics

Richard Baffour-Awuah Mathematics

Grace Barnes Mathematics

Victoria Marie Boulos Thesis: The Gas-Phase Ligand Exchange of Select Metal Bisdiisopropylacetylacetonate Complexes Chemistry

Marta Burak Thesis: *Histological Analysis of Surgical Wound Healing* Biological Sciences

James Kole Gasior Thesis: The Gas-Phase Ligand Exchange of Trivalent Metal B-Diketonates Chemistry

Aricka Lynn Gates Thesis: Professional Members' Perceptions of Proposed Rule Changes in All-Star Cheerleading Mathematics

Crystal Love Grier Thesis: *Murder-Suicide*: Why Our Country is Faced with this Epidemic Criminal Justice

Taryn Elizabeth Hanna Thesis: Evaluation of Watershed Land Use and Water Quality in Mill Creek, Youngstown, Ohio Environmental Science Oscar Kipruto Keino Thesis: Studies and Synthesis of Mixed anion-analogs of Manganite Perovskites and Strontium Nitride Fluoride Compounds Chemistry

Rainier Tchualac Kouajiep Mathematics

Irene Ama Larbi Mathematics

Amina Mahmooda Malik Biological Sciences

Martin Ngutuku Maratani Thesis: Using Phage Display Technology to Selecting Peptides from PhD Phage Library that Specifically Binds to S. aureus Capsular Polysaccharide Type 5 Biological Sciences

Constance Louise Massey-Hight Thesis: Characteristics of the Victims of Domestic Violence Criminal Justice

John Paul McIntyre Thesis: Community Policing and Higher Education: A Secondary Analysis Criminal Justice

Opoku Minta-Afari Mathematics

Emily Quinlan Mogg Thesis: Criminal Behavior in Juveniles with Mental Health and Substance Abuse Issues: What Works? Criminal Justice

Shawnna Marie Moore Criminal Justice

Aaron Anthony Mrvelj Thesis: *The Effects of Fluoridated Water on Pineal Morphology in Male Rats* Biological Sciences

Logan Matthew Muraco Mathematics Michael Anthony Pieton Thesis: *The Effectiveness of Capital Punishment in Reducing the Violent Crime Rate* Criminal Justice

Kevin Michael Summerville Thesis: Effectiveness of Amendments and Microbial Treatments on Plant Growth in Urban Garden Soils Environmental Science

Mark John Tatarka Criminal Justice

Matthew Noel Torres Thesis: Investigation of the Mechanism for the Conversion of Alcohols to Azides Utilizing p-NBSA Chemistry

Muhammad Erfan Uddin Thesis: Characterization and Quantitation of Collagen-I Oxidation in TGF-B; Stimulated Fibroblast Culture Biological Sciences

Lawrenzo Ngenuy Yengwia Thesis: Using GIS to Analyze Demographic Factors and Recycling Rates in Mahoning County Environmental Science

Master of Science in Education

Trisha K. Amato Special Education, Autism and Related Disabilities

Amy Andrella Teacher Education, Literacy

Tricia Marie Bettura Teacher Education, Curriculum and Instruction

Eulalia Del Carmen Board Counseling

Julianne Borowske Counseling

Tyler Drew Brentley Counseling

Kristin Michelle Burley Counseling

Timothy James Calhoun Special Education Intervention Specialist Mild to Moderate

Emily Elizabeth Campbell Counseling

Anthony Martin Candel Special Education, Autism and Related Disabilities

Michelle Christa Cardiero Teacher Education, Content Area English Language Arts

Kelsey Allyn Cirkvencic Counseling

Tyshon Carlyle Coleman Counseling

William C. Combs Counseling

Abigail Victoria Cook Special Education Intervention Specialist Mild to Moderate

Michael Tod D'Amico Counseling

Ra'Shawd E. Davis Counseling

Ashlee Elizabeth Dawson Teacher Education, Content Area Mathematics

Dana Marie Dragash Teacher Education, Content Area Science

Natalie Dawn Elkins Teacher Education, Literacy

Nicholas Joseph Facciolo Teacher Education, Content Area Mathematics

Ashley Renee Forbes Special Education Intervention Specialist Mild to Moderate

Rachel Froehlich Counseling

Megan Ashley Giesen Special Education, Autism and Related Disabilities Erin Mae Hall Counseling

Julian B. Harris Counseling

Joshua Richard Hill Counseling

Amanda Katelyn Hull Counseling

Emily Lynne Jumper Counseling

Trenton James Keisling Counseling

Nicole Lynn Lockard Counseling

Zina Dorothea McKinney Counseling

Margo C. Melott Teacher Education, Content Area Mathematics

Stephen Anthony Mitchell Counseling

Rumbidzai Mupinga Special Education, Autism and Related Disabilities

Joshua D. Murphy Teacher Education, Content Area Science

Julie Christine O'Neill Counseling

Rodger Curtis Page Counseling

Kara Michelle Pavkovich Educational Administration

Chris Ann Roth Teacher Education, Content Area English Language Arts

Terri Lynn Rulick Teacher Education, Content Area Science

Brooke Marie Shorrab Counseling

Emily Lane Smerchansky Counseling Casey Nicole Smith Counseling

Rachel Lynne Soroka Counseling

Chelsea Jamie Thompson Counseling

Nicole Marie Ullinskey Counseling

Pamela L. Waddell Counseling

Amanda Lynn Wheeler Teacher Education, Literacy

Tori Catherine Williams Counseling

Master of Science in Engineering Ikechukwu Ashiedu Electrical

Geetha Challa Chemical

Brooke Renee Dyer Thesis: Additive Manufacturing of Copper Electrodes and Bus Work for Resistance Welding Mechanical

Janah Salama Emeeshat Thesis: Isolated Word Speech Recognition System for Children with Down Syndrome Electrical

Sanjit Khanal Thesis: *Artificial Intelligence in Power System* Electrical

Krishna Chaitanya Kundeti Thesis: *The Properties of SiC Barrier Diodes Fabricated with Ti Schottky Contacts* Electrical

Gerald John Lesnak II Industrial and Systems

Sean Michael Ludt Engineering Management Track

Dora Babu Maddukuri Industrial and Systems

Ashley Nicole Martof Thesis: Analysis of Business Models for the Use of Additive Manufacturing for Maintenance and Sustainment Industrial and Systems

Eric Myers Thesis: Development and Modeling of Porous Additively Manufactured Ferromagnetic Shape Memory Alloy Using ANSYS Finite Element Software

Mechanical

Ahmad Yousef Omishat Thesis: A Real-Time Harmonic Detector Design and Development for Utility Grid Electrical

Thomas Reddy Palla Electrical

Bhishan Poudel Thesis: Causes of Corrosion in the Bottom Reinforcement of Pier Caps Supporting a Pedestrian Bridge at YSU and Possible Solutions Civil and Environmental

Matthew Denny Schaefer Engineering Management Track

Abhijit Sharma Subedi Thesis: *Pier Encasement Effect on Headwater Elevation* Civil and Environmental

Sabin Shrestha Thesis: Impact of Future Climate Change on Extreme Flows on a Large Agricultural River Basin: A Case Study of Great Miami River Watershed, Ohio Civil and Environmental

Sanjay Shrestha Thesis: Wear and Tribo-corrosion Response of Additive Manufactured Ti6Al4V Joint Implants: An Experimental Study Mechanical

Gina Christine Snavely Engineering Management Track Danielle Briann Strong Thesis: Analysis of AM Hub Locations for Hybrid Manufacturing in the United States Industrial and Systems

Janga Bahadur Thapa Thesis: Trenchless Technologies Survey Questionnaire Data Analysis for North American Municipalities Civil and Environmental

Indrasen Vemulapally Electrical

Tod A. Virden Industrial and Systems

Master of Science in Nursing Christa Ryan Banner Family Nurse Practitioner

Gregory Allen Bresnahan Family Nurse Practitioner

Charmaine Evette Brown Family Nurse Practitioner

Melanie Marie Bucciarelli Family Nurse Practitioner

Laura Jean Cesario Family Nurse Practitioner

Elizabeth Clark Family Nurse Practitioner

Kathleen Marie Corturillo Family Nurse Practitioner

Kyle Gerald Lloyd Guterba Family Nurse Practitioner

David Micheal Klacik Family Nurse Practitioner

Brittney Lynn Kubina Family Nurse Practitioner

Danielle Lynn Morrone Family Nurse Practitioner

Paul Jeffrey Peace Family Nurse Practitioner

Kelly Ann Peppel Family Nurse Practitioner

Natisha Angel Phifer Family Nurse Practitioner Amy Susan Reed Family Nurse Practitioner

Jillian Marie Zembower Family Nurse Practitioner

Master of Social Work Mary Jo Elaine Arabian Social Work

Erica Lynn Beil Social Work

Jionna Nicole Bodrick Social Work

Amanda Lynn Bright Social Work

Terri Ann Brincko Social Work

Kathryn M. Burns Social Work

Sylvia Campbell Social Work

Laurie Anne Cathers Social Work

Amy Lynn Daggett Social Work

Rita Jean Dawson Social Work

Charlene Dellipoala Social Work

Theresa Marie Depp Social Work

Sabrina Marie Donner Social Work

Kimberly Lynn Duncan Social Work

Felicia Ann Fair Social Work

Danielle Nicole Fekete Social Work

Emily Lynn Feuchter Social Work

Jessica Renee Harmon Social Work

Victoria Lynn Henry-Mosko Social Work

Laura Michelle Hite Social Work

Mark A. Jones, Jr. Social Work

Kelly Joyce Social Work

Mary Elizabeth King Social Work

Nicole Marie Kortes Social Work

Jessica Kresak Social Work

Erin Allison Leiby Social Work

Chelsea Ann Leyshon Social Work

Kayla Marie Manz Social Work Alexander Gregory Marosy Social Work

Ashley Lynn Martini Social Work

Laura Jane McAfoose Social Work

Alisa J. McRoberts Social Work

Adreanna Shonelle Mendenhall Social Work

Debra D. Miller Social Work

Pamela J. Panning Social Work

Jesica Jean Ray Social Work

Brian Kelly Rice Social Work Nicholas Thomas Taylor Social Work

Christine Anne Vavro Social Work

Seth Tyler Walker Social Work

Whitney Ashton Washington Social Work

Melissa Eve Weber Social Work

Dana Adrienne Winkler Social Work

Danté A. Yanno Social Work

Nicole Elizabeth Daisy Zarzycki Social Work

Because the list of candidates for graduation honors had to be prepared in advance, it is tentative. The diploma, together with a certified transcript, is the proof of graduation with honors.

SUMMA CUM LAUDE

Lawrence Kevin Albright Samantha Park Anderson Ciara Nicole Andrews Olivia Antonescu John Thomas Apa Brittany Logan Austin Derek James Bable Michael Ernest Barkett Samantha Jaye Basista Andrew Brian Batchelor Prabhsimran Batra **Emily Battiato** Daniel J. Belinky Meg Elizabeth Bell Michael Kevin Bellas Marina Rachel Bermann Sarah Marie Best Tiffany Lynn Betras Ryan Daniel Betts Sean Michael Blucker Alexander Donald Bogar Alex Daniel Bohr Alexandria Jordan Bratnik Catherine Ann Brennan Mackenzi Rose Brozovich Kyle Edward Bryan Jonathon Richard Burns Danielle Marie Burnside Monica Ellen Busser Zoey Olivia Butka Krista Ann Calai Cameron Anthony Carroll Hailey Lynn Cassidy Joellin Elizabeth Chance Jared Alexander Clark Emily Elizabeth Conroy Shayne Dakota Cope Catena Francesca Core Kelly Eileen Dahman Nathan Dang Sarah Lindsey Davis Stephanie Lynn Davis Lisa Jean Dean Mariah Denise DeFuria Miranda Diane DeFuria Dylan James Derthick Marisa Jeanne DeSanto Robert George DeVito Kaija Adele DiPillo Donald Edward Dixon

Robert James Joseph Dixon Erica Lynn Dodge Marsha Lynn Drabenstadt John Thomas Drummond Jonathan Thaddeus Duran Megan Michelle Evans Elizabeth Ann Fabrizio Paul Frederick Farbman Gabrielle Marie Fellows Jared L. Fink Greta Cecilia Frost Katrina Janelle Gerbrand Gabriella Gessler Derek Robert Gomez Marissa Marie Gray William Firmin Green Megan Rose Guliano Kyle Matthew Gumble Rahul Gupta Brittny Renae Hall Megan Lorraine Hannum Brendan Michael Hardie Erica Lynn Harmon Karina Anjelica Nabiha Hayek Corey Henry Joshua Michael Herington Nicole Elizabeth Hetmanski Cassandra Lynn Hively Kelly Elizabeth Hollis Emily Hoopes Tyler B. Hovanec Rachel Ann Hutton Alexander Evan Isla Rachael Elizabeth Jenkins Kathryn Therese Jerome Hirva Dharmesh Joshi Puneet Singh Kang Georgia Athanasios Kasamias Audrey Ann Keleman Lesley Ann Koch Donald Harry Koehler, Jr. Abigail Carolin Victoria Kovacs Abdullah M. Kuraan Taylor Ann Kutsch Dominika Lackova Adrianna Kristina Lamonge Katina Eleni Landgraff Haley Marie Lapcevich Hesham Salem Suleman Lawanseh Christopher Prisby Leach

Christina Marie Leckfor James Dean Lerakis Nicola Michael Lucarelli Shea Patric MacMillan Matthew M. Macek Samantha Holly Magrini Aspin Ashok Makadia Kylie Michelle Mazurkiewicz Morgan Mae McCandless Jared Ryan McHenry Connie Marie Meenan Kristi Renee Mellott Michael D. Messuri Emily Marie Metzgar Amber Nichole Miller Valerie Justine Miller Tyler Antonio Miller-Gordon Trey William Moberly Nathan Lewis Moore Andrew Scott Morgan Michelle Nagel Krish Nair Daniel Patrick Newman Aleksandra Zuzanna Nowak Jacquelyn Kayla Oddo Laura Irene Ogram Tyler Pabst Ankur Anil Parikh Nicole Michelle Pavlansky Isaac Pearce Justin Taylor Peigowski Laurie Melinda Peterson Sarah E. Pigza Jonathan Charles Pohl Kaitlin Elizabeth Poland Ellie Lynn Pollock Pierce Alexander Rassega Kayla Michelle Rieser Victoria A. Riley Brandon Louis Rivello Elizabeth Amelia Rogenski Alissa Marie Romain Marisa Anne Rothbauer Hannah Rebekah Saker Michele Marie Saladino Antonette M. Scharsu Alexa Catherine Schmidt Scott Malcolm Schmuki Jacob Michael Schriner-Briggs Briana L. Scott

Heather Renee Seagraves Amanda Marie Seidler Nicholas John Sesonsky Ashley Marie Seybert Cassandra C. Shaffer Nancy Michelle Shaffer Christopher John Shannon Aditya Sharma William Edward Skinner Jacob Tyler Smith Peter Joseph Stafford Trenton James Stafford Sarah Ann Staley

Olivia Caitlyn Adorno Radhika Adusumilli Rachel Nicole Affagato Natalie Marie Agnone Hashim Syed Ahmed Ali Hassan Y. Alelaiw Alina Maria Angelilli Nicolette Marie Arnoto Hailey Marie Baker Mia Brielle Barchetti Austin Nicholas Bergana Samantha Jo Bertoline Vishnu Deokarran Bhola Mark Richard Blanco Zoe Elizabeth Blosser Jamie Nicole Bogdan Nicole Marie Bordell Kristen Leigh Boyle Daniel Shane Burns Jonathan George Cambouris Lorena Maria Cancel Laurencia L. Canzonetta Quincy Yoshida Carrier Lauren M. Casale Gianna M. Centofanti Nicholas Scott Chretien Julia Clemente Joseph E. Costello Douglas Howard Covert II Joshua Caleb Crank Amber Elizabeth Cunningham Steven Thomas D'Rummo Jamie Lynn Davis Brock Alan DeAngelo Madelyn DeCesare Mike Richard Dercoli Ashley Virginia Dillon

SUMMA CUM LAUDE (CONTINUED)

Katherine Orla Stears Ian R. Stecker Cassidy Lynn Stoddard Mackenzie Elizabeth Sturtz Hailey Alexa Sullivan Danielle Renee Taylor Graham M. Taylor Gregory Tobias Thompson Mariah Jean Tomo Venkat Tondapu Leander Carson Turner, Jr. Elizabeth Dianne Urig Gabrielle K. Van Scoy

MAGNA CUM LAUDE

Felicia Lee Dillon Bhakti Anant Dixit Claire Elizabeth Dodrill Bradley Mark Dofka Lydia Reva Du Joseph Michael Duncko Ian John Dunlap Ryan McKenna Ebie Lauren Frances Ellis Samuel Christopher Fabrizio Tyler A. Fond Zachary Fortunato Raeschelle Leigh Foster KayLyn N. Garrett Brandon Lee Gasper Nathan Gelfand Bradley Patrick Good Lindsey C. Green Heather Lynn Gulas Vincent William Gutierrez Ramva Gutta Michael Patrick Hardie Michael Ryan Hardy Kari Elizabeth Hart Justin Lee Hays Daniel Frank Hazen Allison Renee Henline Katherine Anastacia Herberger Alexis Rae Hertz Raymond John Hillard Tyler Hinton Amber Rea Hodge Shannon Lea Holzapfel Alexander Domenico Huber Taylor Nicole Hvisdak Ryan William Ifft Abbey Susan Joyce

Tricia Marie Viets Leah Lauren Vitek Brianna Angelique Wall Jenna Lynn Weems Kevin Thomas Weigle Andrew J. Whipkey David Michael Wilaj, Jr. Maria Celia Wilaj Michael Lee Wilfong Jenna L. Wise Kristyn A. Wolf Jacob Adam Zaluski Chloe Lynn Zocolo

Robert Klein Kara Marie Klem Allie Evan Klumpp Savannah Marie Lach Daniel Robert Leibhart Sierra Leveto Zi-Yang Liew Samuel Michael Lofaro III Taylor Renee Lucas Brian S. Lyons Stephen Andrew Macali Jordan Marie Macey Karenza Mangel Kyle Ryan Marshall Brandon Lee Martin Nicholas Robert Mastrangelo James John Mayor Conor Evan Melichar Sydney Margaret Metzel LeeAnn Marie Miller Olivia Kristen Millsop Michael Robert Moamis Samantha Ann Mock Nathan Robert Moffo Krystyna B. Mohnke Katherine Frances-Kay Montgomery Jordan Michael Mullen Johnny J. Naples II Ryan James Neice Stephanie Nussle Marleen Ruth Ocheltree Dillon Palmer Arjun Hasit Pandya Sahil Anil Patel Jacob Edward Penk Michael Joseph Perell Samantha Phillips

MAGNA CUM LAUDE (CONTINUED)

Nicole Marie Pilolli Vincent Anthony Pilolli Nicolette Page Pizzuto Ann M. Porter Kayla Brittney Proya Wade Thomas Prueitt Anna Kathleen Ouinlan Reha Rabbani Devon Lamar Rambo Ianet Louise Ranalli-Easton Jenna Elizabeth Renner Hannah Irene Reynolds Kayla Marie Richey Cody Michael Rigney Natalie Marie Rivello Anthony Joseph Rohan Nicholas Michael Roncone Daniel Nicholas Rosen Allison Brooke Schell Emily Jeanne Schrecengost Koshala Selvakumar

Carmen James Acierno III Erika Elizabeth Airhart Mary O. Akpadock Mazin Ghazi A. Alenazi Cassandra Marie Allen Lorenzo Alfredo Arcuri Molly Susan Auchter Abbey Nicole Ausnehmer Arianne Axiotis Kelsey Jo Baker Caleb Matthew Biehl Anthony Michael Billet Stephen Joseph Biroschak Ross Gregory Blevins Casey Marie Boldt Kathryn Eleanore Borthwick Mario Steven Bouchedid Tavlor C. Brandt Scott James Brindiar Deanna Nicole Cameneti Brianna Lynn Campy Kelsey Dawn Cannell Julian Daniel Carioti Ashlev N. Castner Samantha Kate Catalano Shannon Lynn Chaffee Jacquelyn Marie Chiclowe Dominic Patrick Coliadis Alyssa Briana Conn

Shareena Shaik Carlynn Nicole Shutrump Kelsey Eileen Singer Elizabeth Mary Sisk William Jacob Smith Chloe Teres Snyder Morgan Carol Sodeman Jesse Soeun Kave Louise Solak Elaine Nichole Sprague Jamie Lynn Stevens Gabrielle Marie Sutara Nicole Michele Tatomirovich Chester Niles Terrill Chynna Thompson Kristin Margaret Thompson Iordan Wallace Thomson Kenneth Michael Toth **Rachel Marie Vallas** Amanda Christine Vasvari Emily Michele Vela

CUM LAUDE

Zachary John Connolly Javnee LeAnn Corbett Rae'ven Crum Mary Elizabeth Crytzer Ashley Kayla Marie Custer Akanksha Dadlani Rachel Alexis Davis Samantha Ann Davis Stefan Della Gatta Catilyn Derrenbacher Samuel Kanin Dessler Jacob Alan Diamond Bailev Marie Dipman Antonio DiSalvo Melissa Dolan Matthew Paul Donlan Hannah Jean Dubec Lindsey Marie Dugan Brianna Julia Dulay Katie Gretchen Fernstrom Tiffany Ellen Fiedler James Joseph French John David Fromel Rayann Nicole Gagliano Ishita Garg Chasidee Ann Garove Clarice Chanel Gearo Alissa Renee Geisse Alexis Elizabeth George

Julie Marie Vince Adrian James Vitus Victoria Marie Volpe Elizabeth Rose Vrataric Crawford David Warrick Amanda Lynn Wess Justine Anna Wiant Hannah Susan Wilhelm Scott Robert Williams Julia C. Wilson Elisabeth Andrea Winston Ryan Douglas Wittenauer Michael Robert Wittmann Ioshua Iacob Wolk Jacob Steven Wood Jordan Matthew Woolley Donald Michael Yankle Emily Rachel Young Jay Addison Zaitzew Thomas Robert Zorzi III

Sarah Elizabeth George Kvle Gibson Lachelle René Goldson Michael Joseph Goodin Miranda Grace Robert Alan Greaf Christian Iamaal Green Alvssa Kathleen Grimm Kyle James Haddle Alene Michelle Harris Sara Kay Harris Jasmine Latisha Harrison Sara Flannerv Hewitt Jenna Lynn Hirsch Natalie Nicole Hoelzel Mathew Michael Horvatich Ashley Ann Hudzik Brett Matthew Hunt Andrew Cam Hunter Jonathon Abraham James Cooper Johnson Jeffrey Alan Johnson Colleen Marie Jones Sarah Elizabeth Iones Andrew Josef Kaiser Ieremiah David Kibler Julia E. Kirchner Luke Gerard Klingler Cole Patrick Kochman

Erin Renee Konitsney Gabrielle Elizabeth Kovach Michael Kunzer Brooke Jov Lazar Kary Lynn Liska Kevin London Joseph Richard Mansfield Michael Andrae Maravola Anthony Paul Marchionda Corey Robert Maretich Robert Frederick Marsch Kathleen Michelle Martin Makenzy Ann Mascioli Jaylon Terris McCorvey Connor Joseph McFadden Shae Thomas McGarvey Cory Edward McMillen Bethany Lee McNutt Jerrod Anthony McQuown Ethan A. Mellor Jessica Elizabeth Mertens Jacob Ryan Miller Kayce Blaine Miller Imran Altaf Minhas Ryan Gregory Moose Colin Thomas Murphy Zachary William Nagy Breanna Rae Naylor Nathan Phillips Neiderhiser CUM LAUDE (CONTINUED)

Emily Laura Orlo Mariah Faith Peek Shannon Elizabeth Pilolli Iames Kenneth Pluchinsky Chaz Christopher Regano Tyler Jae Richardson Daniel Antonio Rivera Marcus Elias Rivera Drew Richard Rober **Jackeline** Roman Robert Neal Rumberg Cassandra Leigh Sampson Jacob Alan Sarachine Thomas Glenn Saviers Ronald William Savers Andrew Michael Schon Paige Elizabeth Scoumis Joseph William Sears Brienne Nicole Seekford Bradlev Seidel Robin Elizabeth Shelton Owen Andrew Sherwood Zoe Ella Siefert Megan K. Siford Preston Alexander Sirochman Evangelos Savas Sisalouis Christopher John Slagle Christina Alice Slavens **Jillian Nicole Smith**

Mariah Snowden Alyssia Marie Springer Sandra Sterchi Thomas Reed Stoner Lawrence Samuel Stout William John Sutak Elizabeth Anne Svarny Katee Lenae Sweeney Madelvn Ann Trummer Iordan Eli Tsvetanoff Meghana V. Vallabhaneni Stefané van Niekerk Jenna Rose Vaughn Shannon Lynn Verlotte Jordan Michael Vigorito Alessandra Margherite Volpe Kathryn Anne Waksmundzki Michelle Lee Wallace Bennett Thomas Ware Aneesa Rachelle Warren-Ralston Matthew Melechia Washington Christopher Vincent Watenpool Stacy Lynn Wayland Jacquelyn Elizabeth Weems Kenneth Edward Welsh Nicholas David Wigg Michael Ryan Wilson Savanna Catherine Winch Kayla Marie Zoccole

ASSOCIATE DEGREE HONORS

WITH HIGH HONORS

Tiara R. Bradley David James Carter Rachelle Marie Firman Victoria Patrice Graham Rachel Marie Hart Justin M. Knepper Aaron Thomas Lamer

Haleigh Jo Bailey Thomas Michael Boyer Jerlicia D. Butler Qui-Ara L. Carter Qur'an Reneé Colvin Taylor Leighann Ellsworth Jonathan David Graham Thomas Mathew Martin Isabella Skye Miller Johnny J. Naples II Dante'Sha Rae Nutter Dalaysha Charae Oliver Jasmine Floré Pierce Robert Soto, Jr. Jalyssa Marie Stanford Toni Jo Lynn Topoleski Dionne Asia-Elise Trammell Jacob Ryan Varrati Lynn Marie Williams

WITH HONORS

Chancis Martesh Green Devin Thomas Harris Jared Daniel Jarvis Jayeishia Tatyanna Johnson Calah Janeé Lynette Jones Jaira Emaun Murray Derius Alonzo Nored

Ryan Allen Pauken Khiara Janaé Price Rayna Lynn Rintala McKayla Anne Rockwell Jonathan Daniel Sanderson Michelle Paulette Shannon Gerald A. Walker

HONORS PROGRAM GRADUATES

Samantha Anderson Finance/Business Economics "The Affordable Care Act: Financial Implications of Healthcare Mandates on Small Businesses in Ohio"

Ciara N. Andrews Nursing "Nursing and Honors: Incorporation of the Five Pillars into the Healthcare Field"

Michael E. Barkett Music Performance Instrument "A Journey Worth a Thousand Words: The Path to Graduate School"

Daniel Belinky Business Economics "Forecasting Madness: Applying Logit Models to the NCAA Men's Basketball Tournament"

Ryan D. Betts Mechanical Engineering "Design of a Portable Resistance Spot Welding Machine"

Alexander D. Bogar Accounting/Finance "Broken Anchors: An Analysis of Shopping Malls in the Internet Era"

Mallory L. Bower Biology "Ohio Playing Catch-up to Combat Puppy Mill Cruelty"

Kyle E. Bryan Civil Engineering *"Environmental Design of Soft Drink Bottling Plant"*

Catena Core Communication Studies "Talk This Way: The Effects of Spiral of Silence Theory in the College Classroom" Rae'ven Crum Psychology "The Effect of Auditory Distraction on the Stress-Evoked Galvanic Skin Response"

Brock A. DeAngelo Biology "Foundations of Histology and Immunohistochemical Study of Muscle"

Mariah D. DeFuria Chemistry "Removal of Pharmaceuticals from Water via Pi-Pi Stacking Interactions in Perfluorinated Metal-Organic Frameworks"

Miranda D. DeFuria Mechanical Engineering "Design of a Portable Resistance Spot Welding Machine"

William R. Erskine Nursing "Evaluation of Skin Care Precautions in Prevention of Pressure Ulcers"

Megan M. Evans English/Sociology/Linguistics "The Pen Pal Project: Assessing the Effects of Interscholastic Correspondence on the Writing Development of Elementary School Students"

Elizabeth A. Fabrizio Psychology "Impostor Phenomenon, Perfectionism, and Decision-Making Risk Propensities"

Kirstie A. Feorene Electrical Engineering *"The Smart Machine"*

Tyler A. Fond Individual Curriculum Program *"Aurora, Ohio, Target Market Analysis"* Greta Frost Political Science/Economics "An Assessment of the U.S. Agency for International Development's Assistance to Morocco and Its Effect on the Moroccan Education System"

KayLyn N. Garrett Geography/Sociology "Youngstown Streetscape Catalog: Theoretical Framework and Analysis"

Katrina J. Gerbrand Exercise Science "University Healthcare Partnership to Reduce Health Disparities through Activity and Nutrition (Ucan)"

Marissa M. Gray English "Still Life in Flowers: Re-Classifying Ophelia's Self-Immolation as an Act of Defiance in William Shakespeare's Hamlet"

Alyssa K. Grimm Nursing "Case Simulation Scenario: Multiple Sclerosis"

Allison N. Guerrieri Biochemistry "Evaluation of Potential Substrates of GstB, glutathione transferase from Escherichia coli"

Megan Guliano Accounting "An Interdisciplinary Understanding of Practicum Experiences in Corporate, Governmental, and Public Accounting"

Emily Hoopes Integrated Math Education *"Representations of the Heisenberg Group"*

Tyler B. Hovanec Electrical Engineering/Computer Science "Digital Marketplace for Retro Gaming Systems"

HONORS PROGRAM GRADUATES (CONTINUED)

Georgia A. Kasamias English "Colorblindness in the Greek Orthodox Church of the United States"

Audrey A. Keleman Exercise Science "Let's Get Moving: Incorporating Physical Activity into an Elementary School Setting"

Jeremiah D. Kibler Industrial & Systems Engineering *"Facilities Design and Logistics Planning"*

Abigail C. Kovacs Political Science "The Sun That Never Sets: American Hegemonic Influence in the United Nations"

Katina E. Landgraff Human Resource Management *"Analyzing the Impact of Technology in Human Resource Management"*

Nicola M. Lucarelli Mechanical Engineering "YSU Smoke Tunnel Design"

Tyler A. Miller-Gordon Philosophy/French *"An UnAmerican Dream: Anthology on Life by a Gay Hispanic Francophone Philosopher"*

Samantha A. Mock Biology *"The Changes in the Myoblast Proteome during Myogenesis"*

Andrew S. Morgan Electrical Engineering/Computer Science "3D Printing in a First-Year Engineering Design Project"

Breanna R. Naylor Chemistry "Novel Chiral Amino Acids from Carbohydrates" Tyler Pabst Chemistry "Synthesis and Reactions of Novel Rhodium(III)-Silyl Complexes"

Nicole M. Pavlansky Accounting "Considerations of Fraud, Internal Controls, and Corporate Governance: The Use of Task-Based Simulations on the CPA Exam"

Sarah E. Pigza Music Educational Instrumental *"Fat Bottomed Girls" arranged for and performed by the YSU Pep Band*

Vincent Pilolli Chemical Engineering/Biology "Development of a Manufacturing Facility to Produce Viable Bone Cells Utilizing 3D Bioprinting for Arthroplasty"

Jonathan Pohl Medical Laboratory Science *"A Review of Medical Laboratory Mathematics"*

Devon L. Rambo Industrial & Systems Engineering *"Facilities Design and Logistics Planning"*

Elizabeth A. Rogenski Physics Astronomy/Mechanical Engineering "Design of a Polarimetric Instrument (MUDPI) for the Apache Point Observatory 1-meter Telescope"

Alexa C. Schmidt Biology "Are We Causing Our Own Depression by Taking Certain Drugs?"

Jacob M. Schriner-Briggs Philosophy/Political Science "Grasping at Straws: Essays" Brienne N. Seekford Biology "A Discussion on Patient Compliance"

Koshala Selvakumar Biology *"Senior Biology Capstone*"

Cassandra Shaffer Chemistry *"Towards the Synthesis of Novel Sugar Amino Acids"*

Christina A. Slavens Nursing "Evaluation of Skin Care Precautions in Prevention of Pressure Ulcers"

Cassidy Stoddard Accounting "Considerations of Fraud, Internal Controls, and Corporate Governance: The Use of Task-Based Simulations on the CPA Exam"

Gregory T. Thompson Information Technology *"K-12 School District Technology Analysis and Design"*

Elizabeth D. Urig Mathematics *"Optimized Spring Mesh Tire Rim"*

Leah Vitek Accounting "Forensic Accounting Education: Impact on Curriculum of Ohio's AACSB Accredited Universities"

Jenna L. Weems Chemical Engineering "The Design and Analysis of a Processing Facility with Experimentation on Bone Stem Cell Growth Rate and Three-Dimensional Bioprinting"

Andrew J. Whipkey Biology "A Discussion on Patient Compliance"

HONORS PROGRAM GRADUATES (CONTINUED)

David M. Wilaj Business Economics "From Amateur to The Association: Using Regression Analysis to Forecast the NBA Draft"

Michael L. Wilfong, Jr. Accounting "The Volunteer Income Tax Assistance Program and its Impact on Students and the Mahoning Valley" Elisabeth A. Winston Psychology "Cognitive Melodies: The Impact of Music Listening on Ego Depletion"

Jenna L. Wise Mathematics/Computer Science "Towards Mining Eye-Tracking Datasets for Expertise Prediction" Kristyn Wolf Psychology "Measuring Critical Thinking by Having Subjects Evaluate the Strength of Arguments Present in Cable Television Show Clips"



YSU PIN AWARD RECIPIENTS

The YSU Pin is the University's most prestigious award, presented to graduating seniors. Established in 1948 by then University President, Dr. Howard W. Jones, the Pin recognizes our outstanding, well rounded, graduating seniors. Congratulations to the following seniors who have received this award.

Nicholas Chretien Megan Evans Paul Farbman Katina Landgraff Jacob Schriner-Briggs

WILLIAMSON COLLEGE OF BUSINESS ADMINISTRATION

Because the list of candidates had to be prepared in advance, it is tentative. The diploma, together with a certified transcript, is the proof of graduation.

Associate of Arts Wendy Mae Kishton

Bachelor of Science in Business Administration Natalie Marie Agnone Adam Jaye Alfano Anas Othman Alghanmi Ali Ali Abdullah Walid Al-Khalil Sulaiman Y. Y. S. Althowaikh Samantha Park Anderson Tibor Sándor Baki Brooke Ball Rikki Lee Batson Rita Jean Beish Daniel J. Belinky Kyle Betts Cody Thomas Blangero Alexander Donald Bogar Alex Daniel Bohr Casey Marie Boldt Raul Viorel Bosca Taylor C. Brandt Catherine Ann Brennan David Wayne Brooks Courtney Nicole Buzzard Hailey Lynn Cassidy Samantha Ashlee Cavender Gianna M. Centofanti David William Chiclowe Ellen Katherine Chittester Nicholas Scott Chretien Tia Lenne Cline Alyssa Briana Conn Jeffrey Alan Coriston Stefan Della Gatta Bradley Mark Dofka Hannah Jean Dubec Rachael Marie Dunch Vincent R. Fabian Leila Farhan LaTrice Monique Fitzpatrick Brandon Edward Flanagan Tyler A. Fond Stewart Carl Foster William Abraham Foster Brett Andrew Frantz Kelli Nicole Frost Rayann Nicole Gagliano Joseph Baptiste Gallinatti

Brandon Lee Gasper Dylan James Giuliani Derek Robert Gomez Zachary Michael Good John William Green Megan Rose Guliano Vincent William Gutierrez Aaron A. Hartsough Joshua Michael Herington Ashley Ann Hudzik Fierria Lynn Hueston Sarah Elizabeth Jones Robert C. Kellar Ryan Patrick Kelly Jonathan Welker Kenney Courtney Ashlynn Kihm Kyle Murphy Kroynovich Dominika Lackova Katina Eleni Landgraff Danielle Lauren Lanterman Dontrell Lawrence Toma Jason Leveto, Jr. Natalie Rose Lombardo Brian S. Lyons Stephen Andrew Macali Matthew M. Macek Dominic Anthony Mascarella Nicole Rose Mastrian Sean Kenneth McMahon Sydney Margaret Metzel Amber Nichole Miller Michael Robert Moamis Nathan Lewis Moore Jason Franklin Morris Joshua Edward Mosley Kathryn Scarlett Noday Jonathan W. Ohlin Emily Laura Orlo Victoria Margaret Pagley Dillon Palmer Nicole Michelle Pavlansky David Anthony Perry III Chelsea Lynn Phillips Nicole Marie Pilolli **Troy Polis** Ellie Lynn Pollock Simon Raja Rafidi Janet Louise Ranalli-Easton Tiffany Joy Rapovy Enzo Antonio Recchia Davon R. Reed

Elaine Elizabeth Remick Dearian Vaughn Richardson Brandon Louis Rivello Marcus Elias Rivera Jackeline Roman Bryan Rossodivita Robert Neal Rumberg Corey Alexander Runyan Raquel Elizabeth Rushwin Adam Lindell Sabir Nehel Sahni Amanda Lynn Salafatinos-Barger Justen Nathaniel Schilinski Andrew Michael Schon Briana L. Scott Nathaniel Sed Joshua Jay Seink Christopher John Shannon Carlynn Nicole Shutrump Jacob Tyler Smith Jason Smith Jordan Antonio Smith Graig L. Snovak Jennifer Marie Soles Chad Anthony Sterling Cassidy Lynn Stoddard Tyler Garrett Sweeney Jayson Szabo Joseph Carl Testa Chynna Thompson Jocelyn Sue Thornton Bradley A. Tomlin Kenneth Michael Toth Alyssa Jane Tyson Stefané van Niekerk Amanda Christine Vasvari Anthony Sebastian Veon Jordan Michael Vigorito Leah Lauren Vitek Kathryn Anne Waksmundzki Stacy Lynn Wayland Amanda Lynn Wess Alicia Marie White Justine Anna Wiant David Michael Wilaj, Jr. Michael Lee Wilfong Carlton Daniel Wilson Renee Marie Woods Jordan Matthew Woolley **Emily Rachel Young**

BEEGHLY COLLEGE OF EDUCATION

Bachelor of Science in Education Laura Christine Akers Alina Maria Angelilli Abbey Nicole Ausnehmer Arianne Axiotis Samantha Jaye Basista Sarah Marie Best Caleb Matthew Biehl Laura Rose Bobby Gabrielle Elaina Borawiec Darrell James Brammer Alexandra Marion Brandt Mackenzi Rose Brozovich Krista Ann Calai Lauren M. Casale Ashlev N. Castner Samantha Kate Catalano Iamie Clausen Julia Clemente Shayne Dakota Cope Mary Elizabeth Crytzer Kelly Eileen Dahman Stephanie Lynn Davis Lisa Jean Dean Nicholas Raymond Dean Felicia Lee Dillon John Thomas Drummond Lindsey Marie Dugan Brianna Julia Dulay Ian John Dunlap Diane K. Earich Rvan McKenna Ebie Paul Frederick Farbman

Seth Eric Fieldhouse Lindsey C. Green William Firmin Green Brittny Renae Hall Sara Kav Harris Allison Renee Henline Shannon Lea Holzapfel Emily Hoopes Mathew Michael Horvatich Brett Matthew Hunt **Rachel Ann Hutton Jonathon Abraham James** Kelli Nicole Jerina Ashleigh Joeanna Jevnikar Ashley Nicole Klase Eric Richard Kline Lesley Ann Koch Eric S. Kocher Erin Renee Konitsney Samantha Marie Kral Erica Ann Leach Jordan Marie Macey Dominique Marie Maderitz Steven Michael Malcolm Jennifer L. Marino Makenzy Ann Mascioli Kylie Michelle Mazurkiewicz Bethany Lee McNutt Kristi Renee Mellott Emily Ann Murphy Jacob Edward Penk Stacie Perez James Kenneth Pluchinsky

Kaitlin Elizabeth Poland Wade Thomas Prueitt Anna Kathleen Quinlan Jenna Elizabeth Renner Kayla Marie Richey Kayla Michelle Rieser Matthew Sean Rimar Daniel Antonio Rivera Todd Douglas Rossi Nicholas John Sesonsky Nancy Michelle Shaffer Robin Elizabeth Shelton Rachel Ann Sikon Allie Marie Smoley Ermelinda Soto Alyssia Marie Springer Peter Joseph Stafford Lydia Rose Stefanko Taylor Elizabeth Swan Danielle Renee Taylor Brittany Marie Telshaw Maria Ann Thompson Mariah Jean Tomo Allen L. Underwood Rachel Marie Vallas Jenna Rose Vaughn Jennifer Ashley Vega Shannon Lynn Verlotte Tricia Marie Viets Mallory Theresa Grace Waggle Brianna Angelique Wall Jacquelyn Elizabeth Weems Maria Celia Wilaj

COLLEGE OF SCIENCE, TECHNOLOGY, Engineering and mathematics

Associate of Applied Science Michael Z. Aras Haleigh Jo Bailey Joseph Raymond Beike Thomas Michael Boyer David James Carter Jeremy James Caudle Robert Childs Levi Benjamin Dunlap Andrew Joseph Feil Tracy Chance Fessler Thomas Alan George Rachel Marie Hart Richard Matthew Hedrick Manuel Dwavne Heriot Aaron Michael Hoffman Samuel Lee Huff Nicholas Kenneth Huggins Jared Daniel Jarvis Justin M. Knepper Cody Allen Libengood-Senderov Vincent Michael Marks Anthony McCarthy Frank Joseph McDowell Aaron James Reash Kolton Jeffrey Rudzik Shanice Jeree Scrutchen Michelle Paulette Shannon Trevor E. Titch Timothy John Wack Joyce Marie Weisz

Associate of Technical Study

Eric Arroyo Cody Austin Blair Jared Michael Britt Jeffrey Alexander Gales Aaron Thomas Lamer Jacob Armand McGinness Ryan Allen Pauken Michael Anastasis Pikos Joshua Paul Roche Jonathan Daniel Sanderson David James Stran Jacob Ryan Varrati Kevin Michael Wildner

Bachelor of Arts

Anthony Glenn Berberich Elisabeth Marie Matus Breanna Rae Naylor Courtney Avonlee Sargent Brittany Ann Schneider Taylor Michelle Walczak Sarah Elaine Waldinger

Bachelor of Engineering Carmen James Acierno III Erika Elizabeth Airhart Manssor Yousuf Al Jazzir Hussein Muhammed Al-Muhandes Ali Hassan Y. Alelaiw Ahmed Abdulsamad Alhammad Adham Saleh Almatani Abdulaziz Khalid A. Almolhem Ethan Jared Altomare John Thomas Apa Brittany Logan Austin Malick Ashtar Balouch Mia Brielle Barchetti Danielle M. Behnke Ryan Daniel Betts Mark Richard Blanco Jared Allen Bohr David James Bright Kyle Edward Bryan Joseph Christopher Canann Cameron Anthony Carroll Iared Alexander Clark Robert Lee Kenneth Collins Emily Elizabeth Conroy Anna Lisa Cowan John Joseph Crowe Steven Thomas D'Rummo Miranda Diane DeFuria Vincent Anthony Dell'Arco Matthew Gregory Delmonaco Dylan James Derthick Samuel Kanin Dessler Iacob Alan Diamond Antonio DiSalvo Donald Edward Dixon Claire Elizabeth Dodrill Kamal Ennouni Kirstie Amethyst Feorene Iared L. Fink Christopher Paul Flores Jonathan David Fortney John David Fromel Randy John Gillette, Jr. Bradley Patrick Good Vernon Cornelius Grant, Jr. John-Michael Guerino Kyle Matthew Gumble Etienne Kendall Hall Sean Robert Harlan

Brandon Adam Heard Michael Keith Heckathorn Corey Henry Mark Mathew Hitt Amber Rea Hodge Kelly Elizabeth Hollis Tyler B. Hovanec Edward Frank Hughes Jacob Anthony Janoso Colleen Marie Iones Christopher Lee Judge Ionathan G. Kanos Jeremiah David Kibler Donald Harry Koehler, Jr. Michael Kunzer Abdullah M. Kuraan Hesham Salem Suleman Lawanseh Brooke Ashlev Lebowitz Daniel Robert Leibhart Nicola Michael Lucarelli Michael Andrae Maravola Corey Robert Maretich Robert Frederick Marsch Alec Talon Marsili Nicholas Robert Mastrangelo James John Mayor David Jack Restrick McBlain Cory Edward McMillen Johnny Fitzgerald Medina Conor Evan Melichar Ethan A. Mellor David Stephan Mendenhall Kaliope Meris Michael D. Messuri Jacob James Millerleile Krystyna B. Mohnke Taylor Joseph Monroe Ryan Gregory Moose Andrew Scott Morgan Zachary William Nagy Ryan James Neice Karenza Mangel Kelsea Alexandra Newman Matthew Allen Norris Julie Marie Olbrych John Michael Perry Thuan Thai Pham Vincent Anthony Pilolli Mark Anthony Plant Nicholas Polka Devon Lamar Rambo Hannah Irene Reynolds Tyler Jae Richardson

COLLEGE OF SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (CONTINUED)

Ionathan David Richmond Elizabeth Amelia Rogenski Anthony Joseph Rohan Jacob Alan Sarachine Hanna Leby Sassya Thomas Glenn Saviers Lydia Giselle Scheringer Karen Ann Schilling Jeremy Blair Scott Paige Elizabeth Scoumis Joseph James Scrim Joseph William Sears Bradley Seidel Owen Andrew Sherwood Matthew Paul Silvers Joshua Lee Smith William Jacob Smith Zachary Paul Staebler Sarah Ann Staley Ian R. Stecker Devin Michael Sternagle Joshua Robert Sturges Hailey Alexa Sullivan Graham M. Taylor Chester Niles Terrill Zachary A. Thompson Iordan Wallace Thomson William Donald Truex Iordan Eli Tsvetanoff Alycia Rochelle Turack Gregory Edward Uberti Christopher Allen Vargo Alessandra Margherite Volpe Alex David Waggoner Bennett Thomas Ware Christopher Vincent Watenpool Jenna Lynn Weems Kevin Thomas Weigle Brian John Wilster Jacob Steven Wood Macarena Daniela Yanez Briceno Ioshua Carl Zaben Ariana Corrada Zebrasky Scott Robert Zilke

Bachelor of Science Radhika Adusumilli Hashim Syed Ahmed Olivia Antonescu Nicolette Marie Arnoto Derek James Bable Prabhsimran Batra Michael Kevin Bellas Tiffany Lynn Betras Lauren Ashley Bevan Vishnu Deokarran Bhola Tavlor Nicole Blake Sean Michael Blucker Kathryn Eleanore Borthwick Mario Steven Bouchedid Mallory L. Bower Kristen Leigh Boyle **Jonathon Richard Burns** James Joseph Burnside Monica Ellen Busser Kassady Marie Carrier Cameron Anthony Carroll Jacquelyn Marie Chiclowe Benjamin James Clark Donald Ray Crum Akanksha Dadlani Nathan Dang Cody Michael Davis Brock Alan DeAngelo Mariah Denise DeFuria Mike Richard Dercoli Marisa Jeanne DeSanto Caitlin Rose Devine Robert George DeVito Richard Daniel Diaz Bhakti Anant Dixit Robert James Joseph Dixon Manon Shirley Djomani Lydia Reva Du Joshua David Federspiel Zachary Fortunato Ishita Garg Alissa Renee Geisse Jessica Colleen Gorby Catherine Dorothy Grabowski Allison Nicole Guerrieri Rahul Gupta Ramya Gutta Karina Anjelica Nabiha Hayek Giavanna Herchik Candace A. Hicks Tvler B. Hovanec Alexander Domenico Huber Andrew Cam Hunter Alexander Evan Isla Cooper Johnson Hirva Dharmesh Joshi Puneet Singh Kang Paije Marie Kiraly Christopher Prisby Leach James Dean Lerakis

Zi-Yang Liew Rachael Eilleen Liposchak Kevin London Taylor Renee Lucas Channel Ja'Shaun Madison Aspin Ashok Makadia Brandon Lee Martin Colleen Nichole Maskarinec Connor Joseph McFadden Angelica Susan McKenney Cherith Mariah McLendon Jacob Rvan Miller Imran Altaf Minhas Trey William Moberly Samantha Ann Mock Brittney Io Moffatt Nathan Robert Moffo Andrew Scott Morgan Sarah Elizabeth Myers Krish Nair Johnny J. Naples II Ilene Nasseri Adam Kyle Nickells Alex Robert Oles Tvler Pabst Arjun Hasit Pandya Ankur Anil Parikh Kelsey Nicole Parker Sahil Anil Patel Alyssa Lynn Pawluk Isaac Pearce Vincent Anthony Pilolli Michael Joseph Pompeo Reha Rabbani Carley Ann Reams Cody Michael Rigney Elizabeth Amelia Rogenski Cassandra Leigh Sampson Alexander Joseph Schmidbauer Alexa Catherine Schmidt Scott Malcolm Schmuki Heather Renee Seagraves Brienne Nicole Seekford Amanda Marie Seidler Koshala Selvakumar Ashley Marie Seybert Cassandra C. Shaffer Shareena Shaik Aditva Sharma Amber LaVon Spirtos Jessica Steele Stange Thomas Reed Stoner Lawrence Samuel Stout

COLLEGE OF SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (CONTINUED)

Nicole Michele Tatomirovich Venkat Tondapu Elizabeth Dianne Urig Meghana V. Vallabhaneni Gabrielle K. Van Scoy Tyler Edward Weatherby Jordan Dale Webb Andrew J. Whipkey Christopher Lee Wilhelm Jenna L. Wise Eric Thomas Wyant

Bachelor of Science in Applied Science Johnathan E. Acord Lawrence Kevin Albright Mazin Ghazi A. Alenazi Cassandra Marie Allen Christopher Anzevino Molly Susan Auchter Andrew Brian Batchelor Anthony Michael Billet Gregory Ulysses Brooks, Jr. David Neil Burnside Christopher Eric Carter Robert Norman Colbert II Charles Walter Colvin Ir. Douglas Howard Covert II James Michael Daley Joseph Michael Duncko Nathan Paul Elias Ashley Elizabeth Ganyard Timothy Aaron Gealy Kyle Gibson Robert Alan Greaf Michael Patrick Hardie Iames Robert Harrison II Andrew John Hazenstab Alan Joseph Hermann Anthony Robert Howard Justin Allen Hruska Luke Beowulf Jones Luke Gerard Klingler Thomas Michael Kubic Andrew Grant Leslie

Brendan Joseph Lindsay Hayley Elizabeth Marchio Shae Thomas McGarvey Jared Ryan McHenry Iason Miller Jordan Michael Mullen Nathan Phillips Neiderhiser James Richard Nell II Zachary Eugene Nims Brandon Scott Nutter Laurie Melinda Peterson Clinton Douglas Pullium Nicholas Michael Roncone Nikolas Daniel Skilio Christopher John Slagle Mohiuddin Syed Gregory Tobias Thompson Nicholas Adam Torres Adam Brian Vincent, Ir. Kenneth Edward Welsh Nicholas David Wigg Ryan Douglas Wittenauer

COLLEGE OF CREATIVE ARTS AND COMMUNICATION

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AFTERNOON CEREMONY:

Denis Crawford, MA, College of Graduate Studies

Quincy Carrier, BA, College of Creative Arts and Communication Kyle R. Marshall, BSN, Dr. Dominic A. and Helen M. Bitonte College of Health and Human Services Megan M. Evans, BA, College of Liberal Arts and Social Sciences



READER

Jeffrey L. Tyus, PhD, Associate Professor of Communications

ACADEMIC REGALIA AND CEREMONY

The gowns, hoods, and caps worn in academic ceremonies today are relics of those worn in medieval times by students and professors. Probably the gowns and hoods were worn for warmth in the unheated halls where lectures were delivered. From the sixteenth century on, somber black garb became the norm, and it is primarily in the hoods worn in academic processions today that the medieval academic pageantry is retained.

The hoods representing graduate degrees granted by various colleges and universities have linings (turned to exhibit their hues to the fullest advantage) in the colors of the granting institutions. In addition, the facing of the hood represents by its color the discipline in which the degree has been granted: white for arts, letters or humanities; golden yellow for science; purple for law; green for medicine; lemon yellow for library science; orange for engineering; olive for commerce or business; light blue for education; pink for music; brown for fine arts; apricot for nursing; dark blue for philosophy; scarlet for theology; citron for social work; sage green for physical education. International degrees do not always follow this protocol.

There are different opinions about the origin of the caps worn in academic ceremonies. One view is that the "mortar board" is in actuality adapted from the wooden square used by masons. Another is that it stems from the ecclesiastical or clerical head covering of the medieval period.

Recipients of University Honors receive golden honor cords placed around the shoulders. Honors College graduates wear a specially minted medallion on a white ribbon to denote their academic achievement.

Graduating students who serve or have served in the Armed Forces are invited to wear red, white and blue Patriot cords in recognition of their service to our country.

THE UNIVERSITY CEREMONIAL MACE

The ceremonial mace has its roots in ancient Rome. During the Middle Ages, the types of maces—one a scepter and symbol of royal authority, the other a weapon—gradually evolved into a symbol of lawful power and regal authority. Beginning in fourteenth-century Europe, the academic mace became part of the pomp and ceremony of university commencements, denoting the authority of the University to confer academic degrees.

The Youngstown State University mace was designed and crafted by a collaborative team that included YSU faculty, students, alumni, and area K-12 art educators under the leadership of YSU professor Greg Moring.

THE PRESIDENTIAL MEDALLION

This is a one-of-a-kind medallion that bears an embossment of the Youngstown State University seal on each of the small elements and on the large central piece. On the back of the central medallion are engraved the names of the University's past presidents.

The presidential medallion was designed and created out of sterling and bronze by Wendell August Forge of Grove City, Pennsylvania.

THE YOUNGSTOWN STATE UNIVERSITY SEAL

The University's official seal was adopted in 1936. Designed by a student, the seal includes a torch, quills, wings, a globe, and the Latin words animus liberatus. In simple terms, those words summarize the transformation—or liberation—that occurs on this campus countless times each day. In English, they are translated The Mind Freed, or The Spirit Freed.



Alma Mater

All hail to thee, O Youngstown, Our Alma Mater fair; In sunlight and starshine We see thee in all thy glory. The Red and the White, thy glorious colors, Ever we praise and hold them High to the breeze as the symbol of our Most loyal allegiance. This anthem, O Youngstown, Our pledge of trust shall be That thy sons and daughters Shall keep faith with thee forever.





Youngstown State University does not discriminate on the basis of race, color, national origin, sex, sexual orientation, gender identity and/or expression, disability, age, religion or veteran/military status in its programs or activities. Please visit www.ysu.edu/ada-accessibility for contact information for persons designated to handle questions about this policy.