YOUNGSTOWN STATE UNIVERSITY

# COMMENCEMENT



DECEMBER 13, 2015 , BEEGHLY CENTER



# YOUNGSTOWN STATE UNIVERSITY AN INNOVATIVE EDUCATIONAL LEADER

ounded 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 12,470 full-and part-time students with 116 undergraduate programs, 44 master's degree programs, one specialist program, and three doctoral degree programs.

There are more than 400 full-time faculty and 700 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 99,350 outstanding alumni members across the nation and around the world.

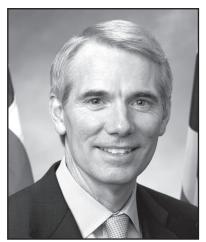
#### **PROGRAM**

PRELUDE	"Stars and Stripes Forever March" by John Philip Sousa YSU Wind Ensemble Stephen L. Gage, Director of Bands and Orchestra Dana School of Music, College of Creative Arts and Communication
ACADEMIC PROCESSIONAL	"Pomp and Circumstance" March No. I by Sir Edward Elgar/arr. Grundman "March Processional" by Clare Grundman
WELCOME	James P. Tressel  President
COLOR GUARD	The Youngstown State University Army Reserve Officers' Training Corps
NATIONAL ANTHEM	Victor Cardamone Dana School of Music
STUDENT REFLECTION	
PRESIDENT'S REMARKS	President Tressel
INTRODUCTION OF TRUSTEES	President Tressel
GREETINGS AND REMARKS	
INTRODUCTION OF SPEAKER	
COMMENCEMENT ADDRESS	Rob Portman U.S. Senator
MUSICAL SELECTION	"Sleigh Ride" by Leroy Anderson
REMARKS AND PRESENTATION OF CAND	IDATES FOR DEGREESProvost Abraham
CONFERRING OF DEGREES	President Tressel
PRESENTATION OF SENATOR PORTMAN TO RECEIVE THE HONORARY DOCTOR OF LAW DEGREE	
Joseph Mosca, <i>Dean of t</i>	GREES
	President Tressel
	From Symphony No. 1, by Johannes Brahms/arr. Fleming Mr. Cardamone
RECESSIONAL	"Liberty Bell March" by John Philip Sousa  "Fairest of the Fair" by John Philip Sousa  "National Emblem" by E.E. Bagley

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



Rob Portman U.S. Senator

Rob Portman is a United States Senator from the state of Ohio. He was elected in 2010, running a campaign that focused on commonsense conservative ideas to help create jobs and get the deficit under control. Rob won with a margin of 57 to 39 percent, winning 82 of Ohio's 88 counties.

Rob was born and raised in Cincinnati, where he lives today with his wife Jane, and their three children, Jed, Will and Sally. He grew up in a small business family, where he learned early on the value of hard work, leadership, and fiscal responsibility. When Rob was young, his dad, Bill Portman, borrowed money to start Portman Equipment Company, where Rob and his brother and sister all worked while growing up. His father, and then his brother, built the family business from a small forklift truck dealership with five employees, with Rob's mom as the bookkeeper, to one that employed more than 300 people. Rob became a lawyer and developed his own private practice, representing Portman Equipment Company and other small businesses. In 1993, Rob was a partner in the Cincinnati law firm of Graydon, Head and Ritchey when he was elected to Congress, where he represented the diverse, seven county Second District in southern Ohio. He was proud to serve the Second District for twelve years, and in seven elections, he never received less than seventy percent of the vote.

During his time representing the Second District, Rob earned a reputation as a serious leader who focused on results. Rob was actively involved in crafting and promoting the historic welfare reform efforts as a member of the committee that wrote the legislation, and he was a forceful advocate of the balanced budget that passed in 1997. Rob gained the respect of both Republican and Democratic colleagues through his successful, bipartisan legislative initiatives, including several measures he authored to increase retirement savings, reform the IRS and add over fifty new taxpayer rights, curb unfunded mandates, reduce taxes, and expand drug prevention and land conservation efforts.

In 2005, Rob left Congress when he was asked to serve as the United States Trade Representative, the Cabinet-level official responsible for implementing and enforcing U.S. trade policy. In his one year in the job, Rob was successful in reducing barriers to U.S. exports and increasing enforcement of trade laws to help level the playing field for American farmers, workers and service providers. Under his leadership, American exports increased and the U.S. brought successful legal challenges against international trade law violations.

Following his accomplishments as Trade Representative, Rob was asked to serve in another Cabinet post, this time as Director of the Office of Management and Budget. A deficit hawk, Rob made his mark by proposing a balanced budget, fighting irresponsible earmarks, and putting in place new transparency measures for all federal spending.

During his first term in the U.S. Senate, Rob authored the Senate Republican Jobs Plan, a seven-point agenda for creating jobs in Ohio and around the country through commonsense policies including tax reform, regulatory reform, and skills training. He has been a champion for underprivileged children, an advocate for policies that reduce poverty and increase opportunity, and a leader on expanding exports and American energy production. Rob has continued the work he began in the House of Representatives on drug abuse prevention and treatment and, through his efforts as part of the Senate Caucus to End Human Trafficking, he has played an important role in helping abused and exploited people around the world.

Portman is a member of the Finance Committee, Committee on Homeland Security and Governmental Affairs, Energy and Natural Resources Committee, and Committee on the Budget. He is also Chairman of the Permanent Subcommittee on Investigations.

#### **COMMENCEMENT STUDENT SPEAKER**



Katina Darkadakis

Katina Darkadakis will receive her bachelor's degree in fashion merchandising, with a minor in marketing. Katina has held positions such as treasurer and president of SIFI (Students in Fashion and Interiors), which has aided with events such as PAC (Professional Attire Clothing). Katina has been employed on campus, working as a research assistant under the supervision of Associate Professor of Fashion Merchandising, Dr. Turel. While working as a research assistant, she analyzed sustainable self-heating garments, 3D printed textiles, and more recently the design parameters of police uniforms to improve their functionality without compromising comfort. She presented her research at Quest 2014 and 2015. Furthermore, her internship at the Campbell Police Department led her to design and develop a prototype uniform. During her years at YSU, she was a recipient of the David A. Jewell Memorial Scholarship and the Judge Sidney Rigelhaupt Pre-Law Scholarship. Upon graduating Katina hopes to further her education by obtaining her master's degree and continuing her research into the realm of smart fashion or technological textiles.



#### CANDIDATES FOR BACCALAUREATE DEGREE HONORS

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

Anthony Gerard Alfano Joseph Ryan Ashcroft Josiah Manuel Banks Porsha Marie Barkay Claudia Michels Bell Connor John Bezeredi Riley Nicole Blockinger Liam Charles Bouquet

Dalton Anthony Joseph Campana

Gabrielle Chrestay Pamela Ciapala Amber Mae Ciriello Kayla Dawn Coldsnow Cara Brittani Cupler Michael R. Dempsey Sasha Ann Detwiler Emily Iov Diorio Angela Elizabeth Drohn Joseph Will Gantz Aricka Lynn Gates Lukas William George Ienna Governor

Amanda Christine Greene Andrew Douglas Hampton

Taylor Elise Hause

Katie Lou Hutchison-Stowers Jonathan Hutnyan

Caitlin Elizabeth Ketterman James Norbert Lepak

Michael Edward Lewis

Chad Philip Limbruner Matthew Donald Lubonovic Amanda Dee MacCartney Chailse Marie Mangino Anastasia Lynn Markota Holly Michelle Massuccio

Caitlin Marie McCov Colleen Marie McKeag Abigail R. McLaughlin Sara Jean McMillen Heidi Jean Metzler Michael John Miller Robert John Miller Dumitru-Silviu Mistreanu

Brett Michael Modic Logan Richard Mueller-Jonas

Lee James Murray Brandy Jean Ogle Kristen Nicole Osiniak Eric Anthony Ostrander James Russell Papa Lisa Marie Pardick Ann Louise Phillips Melissa Rose Pintar

Jacqueline Marie Podolsky Matthew Joseph Ragozine Chad Philip Regano Melissa Ann Richards Adam D. Robb

Stephanie Marie Ruozzo Dayna Christine Sammartino

Teresa Marie Sanchez Madalyn Louise Schaefer Janelle Marie Schultz Eric Anthony Shehadi Benjamin Ryan Smith Gregory B. Smith, Jr. Deann A. Sovak Ioshua Tedesco

Danielle Ashley Tropea Melanie Elizabeth Waltman Mark Walter Warchol Lauren May Wenick Jeffrey T. Wormley

#### MAGNA CUM LAUDE

Danielle Marie Aeschbacher Ioshua Bennett Allen

Kim Eleanore Anderson Allison Nicole Arisman

Peter Ballester

Felicia Amidon

Jenna Lynmarie Berry Kurt Evan Blackburn Margaret Kay Bresnahan

Casie Ann Bullen Marta Burak Joann Burkey

Marra Lynn Cercone George Washington Chepke

Amanda Sue Clark Bryan Glen Clute **Emily Jane Corsale** Jaquelyn Alexis Cruz Zaakiyah Amatullah Cua Spencer M. Curcillo Allie Rae DeLuco

Deana M. DiGennaro Michael Anthony DiTosto Amanda Jane Durig Taylor Nicole Erdel Rebecca Jane Fink Dalton Storm Fowler Nicholas John Gilanyi Trista Leigh Goss

Emily Catherine Groubert Jonathan Wayne Henson

Kevin Tyler Hix Hari S. Iyer Sarah Lynn Jilg Kayla Lynn Kaye Jena Elizabeth Kosinski Tanya Lazarevic

Breann Elizabeth Machingo Carly Michelle Magnuson Thomas Alexander Marnejon Hanna Elisabeth Martin

Carmen Asencion Mascarella Estevez

Justin May Rvan McMullen Shawnna Marie Moore Carly Elizabeth Ondash Anthony Robert Paldino Taylor Ann Phillips Zachary Francis Politsky Sara Marie Pompeo

Jacob Powell

Chelsea Lyn Quinones Andrea Lynn Reihard Robert D. Ritchey Kevin Edward Ruse Kelsey Santangelo Shelby Lynn Santullo Morgan Elaine Scaife Alex James Sisler Jenna Anne Sliwinski Brianna Quinn Smrek Cara Nola Snyder

Delaney Son

#### CANDIDATES FOR BACCALAUREATE DEGREE HONORS

#### MAGNA CUM LAUDE (CONTINUED)

Rachel Lynne Soroka Hailey Sturtz Carmen Paul Tarantino Samuel James Trimm Amanda Marie Van Fossan Jessica Janee Williams Shannon Marie Witte Michelle Zdelar Kabira Zerdaoui Katherine Ann Zetts

#### **CUM LAUDE**

Abigail Ama Ansah-Zame Ian Winston Beauchamp Megan D. Bennett Kymberly Ann Bowlen Rachel Taylor Briceland Jennalee Veranica Dawn Butch Emily Elizabeth Campbell Nicole Marie Casalini Charles Martin Chavara Samuel David Claybourne Jeffrey Mitchell Davidson Nicole Ann DeCenso Heidi L. DiBacco Mayson Carrie Dickinson Danny McKinley Duvall Angie J. Eckenrode Jacob Ian Ecklund Sara Jo Ford Carolyn Elizabeth George Maria Granchie Andrew James Grubbs Anthony Stuart Hall Heidi Jo Hall

Eric James Haughey

Jarrod Lee Haught Christen Callie Higgins Gerrod Steven Hrusovsky Courtney Christine Hunter Ryan Anthony Kaufman Suzanne Leigh Kepple Patrick Gino Kiraly Jenna Marie Kohut Anna Mary Kolar Katelyn Ruth Kurilla Adam Matthew Lindsey Patrick Joseph Lyell Joseph Edward Mahoney Nukeisha Ann Martin Wendy Lynn Maxim Kaitlyn McClimans Elizabeth McKnight Nicole Marie Melia Lauren Catherine Minenok Seth Andrew Morrow Shawn Dean Neff Brittney Leigh Newton Christopher Andrew Nicolaou Rosalie Angelina Nolfi

Adam William Nord Katelyn Polchosky Michael Robert Rapovy Taylor Christian Rapovy Megan Noelle Reinhart Bianca Noelle Robinson Angela Kaye Rogers Francis Jerome Rydarowicz Drew Alexander Saluga Sophia Jean Santisi Daniel Edwin Smith Ahmed J. Sutton Lauren N. Tadla Megan Elizabeth Tirabassi Annaliese Sybil Torella Linsay Elaine Totin Chelsea L. Trontel Tabatha Lee Turney Jina Marie Vitullo Tyrell Deshawn Warren Ja'Niece Tiara Whitehead Jessica Leanne Whitely Kevin Charles Wilhide Corey Edward Zallow



#### ASSOCIATE DEGREE HONORS

#### WITH HIGH HONORS

Michelle Campbell Golladay Sherry Rigel Stacy Denise Runkle Mark Simpson Joseph A. Sperduto

#### WITH HONORS

Mazin Ghazi A Alenazi Ryan William Ifft Brittney Leigh Newton

#### HONORS PROGRAM GRADUATES

Rebecca J. Fink
Exercise Science
Relationships Between Player
Characteristics and Performance in
College and High School Soccer and
Football Players

Anna M. Kolar Information Technology B An Honors Student Experience Navigating the Internship Process and Achieving Success

Jude A. Koury Political Science The History of Antitrust Law and Professional Sports

Hanna E. Martin Exercise Science Effects of Obesity on Pregnancy: A Literature Review and Framework Design for Ongoing Research

Sophia J. Santisi Biology The Antimicrobial Effects of Natural Agents on Propionibacterium acnes and Staphylococcus epidermidis



#### CANDIDATES FOR DEGREES

#### COLLEGE OF GRADUATE STUDIES

#### **DOCTOR OF EDUCATION**

Douglas Twing Hiscox

Dissertation: An Examination of the Impact of Intra-District School Choice Programming on Student Achievement

Educational Leadership

Kelly Ann Moran

Dissertation: Teacher Empowerment: School Administrators

Leading Teachers to Lead Educational Leadership

Timothy Allen Neal

Dissertation: Perceptions of Students' Absences in an Urban

Public School

Educational Leadership

Constance Mae Youngblood

Dissertation: A Study of Change: Exploring the Impact of a Professional Learning Community on the Implementation

of a Federal Art Demonstration Grant in Three Northwestern Pennsylvania Rural Elementary Schools

Educational Leadership

David Joseph Zupsic

Dissertation: We Don't Need No Education: Students'

Viewpoints

**Educational Leadership** 



#### DOCTOR OF PHYSICAL THERAPY

Sarah Mostov Kay Physical Therapy



#### **EDUCATIONAL SPECIALISTS**

Anna Kathryn Adams Melanie Evans Carl Scott Keller School Psychology School Psychology School Psychology

Sarah Kay Brocker Brian Thomas Glenn Elizabeth A. Pugh School Psychology School Psychology School Psychology

Elizabeth Coloutes Stephanie E. Gordon Melanie Cunningham Shipman

School Psychology School Psychology School Psychology

**Master of Arts** Krysta Anne Kluge **Master of Business Administration** Thesis: Freedom of Speech issues Patrick Albert Bascom Blake Lamont Allen Thesis: Political Discussions and the regarding policies governing social General Business media Interdisciplinary Communication Interdisciplinary Communication Matthew Mohamed Azam General Business Jeffrey A. Basile Jake Andrew Charles Kucek Interdisciplinary Communication **American Studies** Emily Marie Bosela General Business Andrew Hamilton Carroll Troy Douglas Magrini, Jr. Ethan Charles Bostwick English History General Business Vincent Joseph Cavalier Ryan Edward Mooney Thesis: Guiding "Big Science": **Economics** Kristine Burrows Competing Agency of Scientists General Business and Funding Organizations in Rebecca Radovich Clinton American Cold War Research Art Education Megan Marie Cherol History General Business Jolisa Shanay Collier-Lee History Amy J. Plant Vasile Mihai Cimbulea Thesis: Associations Between General Business Jason Abrokwah Dappah Kyphosis and Scores on the Financial Economics Safe Functional Motion Test: A Brenda W. Cligrow General Business Retrospective Analysis on Quality Sierra Janelle Dean of Life English Gerontology Kathy Jo Cody General Business Eric Emerick Ayesha Qazi Thesis: Change in BMI and **Economics** Christina Lynn Costello Cognition in Middle-Aged General Business and Older Adults: The Seattle Salvatore Mario Salvino Longitudinal Study Stephen Michael Dick **Economics** Gerontology General Business Garrett Winston Snyder Jason Daniel Frank Financial Economics Matthew J. DiMuzio General Business English Angeline Marie Theis William Joseph Fullerman Margaret Eileen Gratz-Reynolds English Thesis: Finding a Solution to General Business Recidivism: The Social Identity of Shelly Sue Van Meter-Lineberry Returning Citizens History Michelle Lynn Green Interdisciplinary Communication General Business Joseph Allen Voytek Bonnie Louise Hazen Thesis: Burden Among Military Mark Alan Harvey English Caregivers in a Veteran-Directed General Business Home and Community-Based Dana Marie Hendricks Service Program Daniel Craig Havalo General Business Art Education Gerontology Melissa L. Janis Valerie Kathryn Waksmunski Samuel Joseph Hoffman Art Education Thesis: Yielding to the Worthy: General Business The Chinese Abdication Myth as

Discourse on Hereditary Versus

*Merit-Based Leadership* 

History

Matthew David Huston

General Business

Naho Ito General Business

Samantha Noel Leonard General Business

David Lucas General Business

Thomas S. Lyden General Business

Nicholas Patrick Mientkiewicz General Business

Joseph Russell Nochta General Business

Robert James Ragan General Business

Lyndi Rose Schrecengost General Business

Anshudhar Siwach General Business

Jerry William Sovesky General Business

Chitra Kala Subedi General Business

Monica Nicole TouVelle General Business

Thomas C. Wick General Business

Danielle Marie Williamson General Business

### Master of Computing and Information Systems

Sandeep Kumar Banka Computing and Information Systems

Uday Kumar Chinta Computing and Information Systems

Ravi Kumar Chunchu Computing and Information Systems Anudeep Kumar Gadam Computing and Information Systems

Ahraz Husain

Thesis: Understanding How Developers Work on Change Tasks Using Interaction History and Eye Gaze Data

Computing and Information Systems

Kishore Kalavakuri Computing and Information Systems

Ravi Babu Lavu Computing and Information Systems

Nawal Nabil Moatassem
Thesis: A Study of Migrating
Biological Data from Relational
Databases to NoSQL Databases
Computing and Information
Systems

Srikanth Reddy Sheshaiahgari Computing and Information Systems

Anusha Yalavarthi Computing and Information Systems

Yojana Yarlagadda Computing and Information Systems

#### **Master of Education**

Leslie Ann Biastro Intervention Services

Elizabeth Christani Intervention Services

Nicole Marie Cicozi Intervention Services

Heather Nichol Frank Intervention Services

BreAnna Ashley Jones Intervention Services Scott Michael Manusakis Intervention Services

Sarah Northcott Intervention Services

Laura Marie Revetti Intervention Services

Lindsay Ann Robinson Intervention Services

Benjamin Paul Schade Intervention Services

Ashleigh Marie Young Intervention Services

### Master of Health and Human Services

Amanda Marie Angles Health and Human Services

Reanna Lee Covell Health and Human Services

Krystle Siobhan Finley
Thesis: Evaluating Breast Health
Education and Awareness in the
College Environment Using the
Health Belief Model
Health and Human Services

Macey Edem Nortey Health and Human Services

Michael Kurt Welsh Health and Human Services

#### **Master of Music**

Meredith Katheryn Anderson Thesis: Exploring Excellence: Competitive Sight Singing in Four Ohio High School Choral Programs Music Theory and Composition

Karen Ann Considine Thesis: Interpreting the Style and Context of Heinrich Ignaz Franz Biber's 'Harmonia Artificioso-Ariosa' Music History and Literature

Nathanael Charles Welch
Thesis: All That Noise, and All That
Sound: Tonal Ambiguity and
Melodic-Harmonic Disconnect in
the Music of Coldplay
Music Theory and Composition

Adam Joseph Zagotti Music Performance

#### **Master of Public Health**

Lucine Saleh Public Health

#### **Master of Science**

Collins Aboagye Thesis: Purification and Biochemical Studies of Glutathione Transferase YliJ from Escherichia coli Chemistry

Elizabeth Colleen Abraham Thesis: Analysis of Temporal Range Change in Neotropical Passerine Migrants Using Stable Hydrogen Isotope Techniques Environmental Science

Nana Yaa Acheampong Thesis: Correlation Between Heart Disease Mortality and Magnesium Concentrations in Ohio Drinking Water Environmental Science

Obeng Appiagyei Addai Thesis: Regulated Feedback Networks with Degradation Mathematics

Christopher John Adkins
Thesis: Examining the X and Y
Generations' Motivation for
Choosing Law Enforcement: My
How Things Have Changed?
Criminal Justice

Cephas Ofoe Dodzi Afeke Thesis: Chemistry of Acyl Nitrenes in the Synthesis of Carbamates and Complex Heterocycles Chemistry Iddrissu Mohammed Alhassan Mathematics

Amy Suzanne Brown Thesis: Rehabilitation in Prison: An Examination of Prison Animal Programs Criminal Justice

Joseph Edward Budny Biology

Steven Andrew Buffone
Thesis: Characterization and
Bioremediation Viability of
Polycyclic Aromatic Hydrocarbon
Contamination in the Banks of the
Mahoning River
Environmental Science

Timothy Eric Cargal Thesis: Genomics of Biobutanol from Clostridium beijerinckii Biology

Aaron Maureese Carmichael
Thesis: The War Amongst Our
Homes: Societies Attitude Towards
the Excessive Militarization of
American Policing
Criminal Justice

Bradley Jay Craig Mathematics

Christine Ann Curtis
Thesis: Development of a
Recombineering System in
Enterobacter sp. YSU
Biology

Michael Dominic Delost Thesis: The Synthesis of Amine Derivatives after a One-Pot Synthesis of Biphenyl-4-methyl azide Chemistry

Stephen Edward Dempsey
Thesis: How Do Inmates Perceive
Correctional Treatment Programs?
Criminal Justice

Shannon Joele Doherty
Thesis: Spatio-temporal Patterns
in Beaver Pond Complexes as
Habitat for Eastern Spotted Newts
(Notophthalmus viridescens) in
aHemlock-Northern-Hardwood
Zone in Western New York State
Environmental Studies

Sarah Louise Eisnaugle Thesis: Expression of Glucan Synthesis During Cell-Wall Stress in the Wild-type and yakA Mutant Strains of Penicillium marneffei Biology

Joshua Andrew Engle Thesis: Expression of Chitin Synthesis During Cell-Wall Stress in the Wild-type and yakA Mutant Strains of Penicillium marneffei Biology

Robert Christian Granchie Thesis: The Vertical Distribution of Lead at an Inactive Gun Range in Ohio

**Environmental Studies** 

Lawrence Heymann
Thesis: Distribution Fitting to Claims
Data
Mathematics

Stefanie Adeline Hudzik
Thesis: A Case Study of the Spatial
Relationship Between Bat Pass
Frequency and Artificial Light
Pollution along a Bike Trail in
Portage County, Ohio
Environmental Studies

Tram Thi Bao Le Mathematics

Daniel Joseph Lisko Thesis: The Effect of Probiotics on Human Gastrointestinal Microbial Communities Biology

Zachary James Morse Thesis: Dose Response Analysis of Bone Marrow-Derived Mesenchymal Stem Cells for Treatment in Fascial Wound Repair Biology

Danielle Marie Mutchler Thesis: White-tailed Deer (Odocoileus Virginuianus) Herbivory in Northeastern Ohio Riparian Zones: A Preference Study Biology

Philemon Owuor Ngoje
Thesis: Synthons of N-acetyl-LFucosamine as potential inhibitors
of stapholococcus aureus capsular
polysaccharide biosynthesis
Chemistry

Daniel O. Oder Thesis: Generation of Human Aldose Reductase Mutants of Cys298 Chemistry

Olumide Babatope Ogunwumi Thesis: The Development of Monoclonal Antibodies Against Human Immunodeficiency virus-1 viral Protein R Using Hybridoma Technology Biology

Susan Rashid Thesis: Protein Profile and Directed Gene Expression of Developing C2C12 Cells Biology

Amanda Christine Sacco
Thesis: An Extensive Study of Soft
Materials Containing Carboxylic
Acid Moieties to Determine
Hydrogen Bond Energies Using
Analytical and Theoretical
Methods
Chemistry

Chantal Wase Sakwe
Thesis: Analysis of Suspended
Sediment Loads in Streams and
Rivers Using Linear Regression and
Pearson Correlation
Environmental Studies

Julie Seitz Mathematics

Dylan Robert Thomas
Thesis: Ontogeny of myosin
expression in the semi-prehensile
tail of the grey short-tailed
opossum (Mondelphis domestica):
protein regulation is associated
with nest construction
Biology

Emeka James Udeigwe Thesis: Generation of Recombinant Mutants of the C298 Residue of Human Aldose Reductase Chemistry

#### Master of Science in Education Katalin Rae Bacha

Katalin Rae Bach Counseling

Allison Catherine Baranski Literacy Read Endorsement Track

Dominique Elyse Bonamase Counseling

Megan Lea Burazer Teacher Education, Literacy

Anne Marie Cadle Counseling

Danielle R. Chine Educational Administration, Principal Track

Heidi A. Cope Educational Administration, Principal Track

Denise Delaquila Educational Administration, Principal Track John Andrew DeSantis Educational Administration, Principal Track

Danielle Elizabeth Dobozi Teacher Education, Literacy

Rosalyn Sherrill Donaldson Educational Technology

Jaclyn Ann Glista Teacher Education, Literacy

Beverly Michelle Grant Literacy Read Endorsement Track

Ashley Marie Gritzer Counseling

Danielle Hope Hackett Special Education Interv Special Mild Mod

Katie Lyn Hank Literacy Read Endorsement Track

Julie Tomassetti Harris Counseling

Breanna Rose Herock Counseling

Nicole Elyse Horvath Counseling

Jennifer Jane Hull Educational Administration, Principal Track

James M. Ihnat Special Education Interv Special Mild Mod

Ashley Kathleen Jones Counseling

Audra Ann Jones Counseling

Catherine Alice Jugenheimer Educational Administration

Joshua Adam Kalaman Counseling

Nathan Scott Kelley Counseling

KaiCee E. Kubicina Counseling

Kelly Ann Kuntzman Educational Administration, Principal Track

Alannah Rae Kutan Counseling

Jacquelyn Marie Kutchel Literacy Read Endorsement Track

James Bradly Lingo Counseling

Joshua Dale Lisko Counseling

Ronald Allen Markowitz, Jr. Counseling

Jamie Beth Martin Special Education Interv Special Mild Mod

Becky L. McCullough Educational Technology

Rachael McDougal Literacy Read Endorsement Track

Rebecca McMenamin Counseling

Toni Marie Meese Teacher Education, Literacy

Jessica Leanne Munoz Literacy Read Endorsement Track

Christina Marie Neeley Special Education Interv Special Mild Mod

Corrie Beth Nelson Literacy Read Endorsement Track

William E. Oesch Educational Administration, Principal Track Joanne Marie Ogurchak Educational Administration, Principal Track

Felicity Osei-Mensah Darkwa Educational Administration

Karen Lee Pavlansky Special Education Interv Special Mild Mod

Amanda Sue Perisa Teacher Education, Literacy

Michael Joseph Poljak Counseling

Daniel Brian Rasor Counseling

David Todd Reel Teacher Education, Curriculum and Instruction

Kathleen Gene Rotellini Literacy Read Endorsement Track

Julie Ann Rowe Educational Administration, Principal Track

Mary Lynn Louise Sharisky Educational Administration

Rachel Anne Sheller Literacy Read Endorsement Track

Stacy Ann Sherlock Teacher Education, Literacy

Allison Anne Shipman Educational Administration, Principal Track

Nicole J. Shuttic Educational Administration, Principal Track

Joseph Nicholas Simko Educational Administration, Principal Track

Matthew Michael Stiner Educational Administration, Principal Track Rebecca Katherine Szanto Counseling

Kesha Marie Szeljack Counseling

Laura Anne Thomas Special Education Interv Special Mild Mod

Christine Denise Toporcer Counseling

Stephanie Lynn Toporcer Educational Administration, Principal Track

Lavonne Marie Urban Counseling

Robin Jean Vickers Educational Administration, Principal Track

Eleanna Vlahos-Hall Counseling

Matthew Alexander Vukovic Educational Administration, Principal Track

Chad M. Warrick Counseling

Amy Elizabeth Wire Educational Administration, Principal Track

Amanda Avon Witherow Counseling

Michele Ann Zackasee Teacher Education, Curriculum and Instruction

Gregory Daniel Zannelli Educational Administration, Principal Track

Alison Ann Zins Counseling

#### Master of Science in Engineering

Shawn David Bair

Thesis: Computational Modeling of the Electrical Sensing Properties of Single Wall Carbon Nanotubes Chemical

Ravi Chandra Reddy Gade Thesis: Comparison of Delta Doped and Uniform Doped p-type and n-type ZnO films Electrical

Michael John Juhasz Thesis: Leveraging Surface Topologies and Additive Manufacturing for

CubeSat Thermal Control Mechanical

Vibhu Kancherla Electrical

Meshack Mutuku Kioko Thesis: Analysis of Solid Oxide Fuel Cells Fabrication through Binder-Jetting Mechanical

Sijad Ahmad Malik Thesis: *Understanding and Testing Avionics Full-Duplex Switched Ethernet* Electrical

Danish Mohammed Electrical

Keir C. Morris Electrical

Patrick John Mullally Electrical Suleyman Oz Electrical

Swetha Puppala Electrical

Michael Thomas Sammartino Thesis: Parallel GPS Signal Acquisition and Tracking Design and Analysis Using an FPGA Electrical

Nawayandra Shakya Thesis: Simulation of Electromagnetic Field Using COMSOL

Naba Raj Subedi Civil and Environmental

Electrical

Tyler Joseph Vitullo Engineering Mgt Track

Sumanjali Yadala Electrical

Bharat Yelamanchi Thesis: Experimental Study of Disruption of Columnar Grain Growth During Rapid Solidification Industrial and Systems

James Anthony Yukech Engineering Management Track

Master of Science in Nursing Holly Lynn Brant Nurse Anesthetist Sean Joseph Finnerty Nurse Anesthetist

Christine Fleming Nurse Anesthetist

Christopher Douglas Hellam Nurse Anesthetist

Nurse Anesthetist
Paul Jajcinovic

Thomas Andrew Jackson

Nurse Anesthetist

Jason E. Jeitz Nurse Anesthetist

Michaella Nicole Jensen Nurse Anesthetist

Adam Richard Kyle Nurse Anesthetist

Justina Marie Miller Family Nurse Practitioner

Kimberly Seatter Nurse Anesthetist

Julie Anne Serrano Nurse Anesthetist

Olivia Ann Shimko Nurse Anesthetist

John M. Underwood Nurse Anesthetist

#### 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 Robert Joseph Kirila Shannon M. Spitler

Bachelor of Science in Business Administration

Anas A Abu-Malouh Brian Edward Acierno Adam Douglas Aebischer Anthony Gerard Alfano Marcy Lynne Angelo Nathan Boyd Ash Joseph Ryan Ashcroft

Megan L. Bell

Carissa Marie Benchwick Charnitta Carroll Benson Kurt Evan Blackburn Nicole Ellyn Borst David Lloyd Braund Emily Luisa Brinsey Melissa A. Burky Marra Lynn Cercone Samuel James Cervone Emily Ann Chandler Joshua Richard Chearno George Washington Chepke

Jamie Lynn Chester

Samuel David Claybourne Breland Douglas Cockrell

Derek L. Cole, Jr.
Arista Marie Coleman
Emily Jane Corsale
Jeffrey Mitchell Davidson
Nicole Ann DeCenso
Alicia Jeannette Deflin
Tyler Quinn Dudley Duez
Danny McKinley Duvall
Jacob Ian Ecklund

Robert Michael Emanuel Ryan Andrew Emborsky Taylor Nicole Erdel Anthony John Ferraro

Leah Ferraro

Christopher Forsyth

Dalton Storm Fowler
Kevin James Gemmell
Lukas William George
Dawn Marie Gerrish
John Joseph Grahovac
Michael William Green
Daniel Joseph Hammond
Kayla Elise Haslett
Eric James Haughey
Jennifer Lynn Heitger
Jonathan Wayne Henson
Jonathan Hutnyan
Jay Jakovina

Andrea M. Johnson Delorean Lacie Jones Andrew John Julian Heather Lynn Kittle David Jesse Koroczynsky

Mehmet Kusuni

Christopher Michael LaCivita

Michael Edward Lewis Breann Elizabeth Machingo

Biju Maharjan

Chailse Marie Mangino

Kirk J. Manofsky

Samuel Timothy Mariano
Jordan Aaron Markota
Ryan Nicholas Marlin
Sophia Marie Martini
Samantha Renee Marucci
Cassandra Lynn Mikolaj
Alexis Nicole Millerleile
Bruce A. Minotti, Jr.
Jessica Ann Mittal
Cory James Molnar
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Jacob Powell

Chelsea Lyn Quinones Phillip Daniel Rader Matthew Joseph Ragozine Chad Philip Regano Melissa Ann Richards Amy Elizabeth Richardson James Michael Ridge Adam D. Robb

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Edmond Adu-Poku Sarah Elizabeth Arch Richard Bradley Byers Jeffrey Joseph Chahine, Jr. Cory Bernard Clement Rachel Marie Coggins Jaclin Ann D'Apolito Alexa C. DiCesare

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Courtney Rebecca Kensinger

Ihor Koval Heidi Jean Metzler

Lauren Catherine Minenok Dumitru-Silviu Mistreanu Tre' Lamar Andrew Moore

Jensine Rae Nabors Patrick John Naples III Shawn Dean Neff

Jennifer Marie Orr Shane D. Rodgers

Cassandra Lyn Sharp Sydney Ryna Sims

Katherine Evonne Thompson

Mark Walter Warchol Jeffrey Daniel White

Bachelor of Fine Arts

Ryan Stephan Adams Gia Marie Bagnoli Ian Winston Beauchamp Connor John Bezeredi

Jennalee Veranica Dawn Butch

Vincent Edward Butka Miranda Catherine Cala Jaquelyn Alexis Cruz Kjerstyna Margrethe Davis

Allie Rae DeLuco Ashley Marie DeSantis Angela Elizabeth Drohn Amanda Jane Durig Carson Leigh Fryman Emily Catherine Groubert

Matthew A. Hahn

Nicholas Hazlett Lukacena Amanda Dee MacCartney Carly Michelle Magnuson Matthew Allen Malloy Dana C. Mooney

Eric Anthony Ostrander Annaliese Sybil Torella

Bachelor of Music

Trevor Thomas Banks
Antonie Arvine Jackson
Jenna Marie Kohut
Caitlin Marie McCoy
Christin Annette McKenzie
Abigail R. McLaughlin
Logan Richard Mueller-Jonas
Shanyse Nicole Strickland
Austin Stanley Andrew Witt
Stephanie Nicole Zitkovich

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Bachelor of Science in Education

Danielle Marie Aeschbacher

Kyleigh Jo Allen Felicia Amidon

Allison Nicole Arisman Christina Lynn August Josiah Manuel Banks Jenna Lynmarie Berry Riley Nicole Blockinger Christina Marie Bosley

Margaret Kay Bresnahan
Joann Burkey
Lindsey LeAnn Callahan
Michelle Rose Cella
Gabrielle Chrestay
Pamela Ciapala
Amber Mae Ciriello
Amanda Sue Clark
Cara Brittani Cupler
Natalie Renae Dean
Sasha Ann Detwiler
Mayson Carrie Dickinson
Sarah Kathryn Drysdale
Joshua Mirko Folkwein

Carolyn Elizabeth George

Nicholas John Gilanyi

Maria Granchie

Andrew Douglas Hampton Rachel Marie Hefferon Helen-Marie Kathryn Hird

Paul Hostetter

Gerrod Steven Hrusovsky Katie Lou Hutchison-Stowers Matthew Thomas Jaskiewicz

Kayla Lynn Kaye Belinda Blair Kennell Jared Michael Kitt Anthony James Kline Heather Lynn Lathrop Matthew Donald Lubonovic Joseph Edward Mahoney Anastasia Lynn Markota

John J. Martin

Carmen Asencion Mascarella Estevez

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David William Michalec Michael John Miller Anthony Robert Paldino Cody A. Plaskett

Ashley Marie Powell

Joy E. Quinn

Michael Robert Rapovy Megan Noelle Reinhart Connie Frances Ritchey Angela Kaye Rogers Allyson Jeanne Ronghi Cory Salata Rongo Stephanie Marie Ruozzo Drew Alexander Saluga Teresa Marie Sanchez Andreana Nicole Simon

Ahmed J. Sutton

Carmen Paul Tarantino Paige Eileen Taylor

Megan Elizabeth Tirabassi

Chelsea L. Trontel

Allen Lamont Underwood Lauren May Wenick

Yvonne S. West

Ja'Niece Tiara Whitehead Samuel Scott Young Corey Edward Zallow Kabira Zerdaoui

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Alexis Anderson

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Gabrielle Yasmine BenDaali

Vanessa Lynn Bobo

Alphonso Sacardo Booker

Kambria Marie Brown

Austin Joseph Bucan

Aaron Edward Carlson

Pamela Denise Chatman

Rachel Marie Collins

Dylon Gale Courtney

Angela Marie Dawson

Megan Lynn DeVicchio Travis Lenward Donaldson

Donna Jean Fain

Samantha Floor

Michelle Campbell Golladay

Karrie Lynn Greco

Ryan William Ifft

Kelsey Danielle Keller

Sarah Kennedy

Lydia Janel Kershaw

Brittany Alyse Kosco

Matthew Malcolm

Maggie McIntire

Ritchie Scott Miller

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Demetra P. Panteloukas

Maura Lynn Peterson

Breanna Remias

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Stacy Denise Runkle

Robert Anthony Sanchez

Teresa Steward

Donaa Latrice Thomas

Zane Jacob Welch

Damon Lamont West

Tomi Rae Westover

Frederick Arthur Yungbluth, Jr.

William Frank Ziegler

Bachelor of Science in Applied Science

Carmen Joseph Altobelli

Hannah Louise Anness

Porsha Marie Barkay

Luke Andrew Barker

Linda Ann Borrelli

Daniel Lewis Boss

Kegan Brady

Rachel Taylor Briceland

Octavius Mendell Brown

Nicholas S. Buonavolonta

Tyler James Carpenter

Harley Dee Carroll

Kristina Dawn Casto

Joseph Richard Cejudo Jennifer Leigh Chonko

Andrew Jacob Coggins Katelyn Ruth Kurilla

Rachel Cook

Marcus David Coonce Robert D. Cramer

Amber Rae Cross

Eric Thomas Cunningham

James Karl Curran

Katina Maria Darkadakis

Kirk Alexander Davis

Matthew Maurice Dawson

Shayla DeCapita

Mark Gregory DelSignore

Deana M. DiGennaro

Tayler Ann Diana

Danielle Marie Donofrio

Robert William Duncan

Deaudra Lynn Edgerson

Parrish Justin Ellis

Thomas Albert Erwin

Bryan Richard Fencyk

Rebecca Jane Fink

Bobbi Jean Frontino

Jacqueline Gaffney

Joshua M. Garner

Cory Joseph German

Alyssa J. Goist

Bernard Charles Gorvet

Jenna Governor

Taryn Elyse Green

Leanne Marie Groll

Bethany Rose Haddle

Luke Kennedy Hagedorn Aaron Henry Hall

Brenda Lee Hamlett

Timothy M. Harrigan

Brian J. Hart

Jarrod Lee Haught

Taylor Elise Hause

Bethany Faye Hawout

Marcus Antone Hayden, Jr.

Chiquta S. Hicks

Alec Benjamin Higham

Jager Dillon Hill

Kevin Tyler Hix

Stephanie Nicole Hlebovy

Lori J. Hoefs

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Melissa Manetta James

Lesley Ann Janosko

Lauren Marie Jeges

David Edward John

Caitlin Elizabeth Ketterman

Jonathan Robert Kline

Markuah Dee-Emmanuel Kromah

Brock Joseph Kurty

Christopher Dewayne Kurzik

Brianna Marie Lammers

Robert Dale Latimer

Andrew Thomas LaVogue

Ashley Lawson

ShaQwe' Eshe' Rene' Lawson

Tanya Lazarevic

Kiara Janel Lee

Jessica Catharine Lewis

Adam Matthew Lindsey

Michelle Lum

Hanna Lutz

Thomas Alexander Marnejon

Hanna Elisabeth Martin

Shannon Marie Martin

Antonio Rocco May

Miles Robert McCoy

Chelsea Rose McCree

Colleen Marie McKeag

Sara Jean McMillen

Kelly Ann McNamara

Amy Lynn Minamyer

Adam Charles Miska

Brett Michael Modic

Brittany Ann Moore

Nicole Marie Morgan

Amber Mae Mullins

Michael Gregory Murphy

Mary E. Nabulsi

Jennifer Lora Neider

Dana E. Onesti

Melissa L. Orichella

Michele Annette Osborne Alyssa Marie Pallante

Wendi Parker

Angelo Vincent Pasquale

Kaitlyn Nicole Patton

Katie Lyn Perry

Jennifer Lynn Peterson

Shondale Lamont Phifer

Melissa Rose Pintar

Brittany Nicole Quinn

Megan Ann Ramsey Bryan Paul Remias

Esmeralda Nilda Reyes

Madisen Richards

Nicole Bianca Root Ashley Marie Rovansek

Kimberly H. Saghy Robert Anthony Sanchez

#### COLLEGE OF HEALTH AND HUMAN SERVICES (CONTINUED)

Cody Elisabeth Sankowski James Anthony Savina Joseph Peter Schialdone Kassandra Ann Schmiermund

Brittny Schnur

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Bachelor of Science in Dental Hygiene Shelby Pontera

Bachelor of Science in Nursing

Kelly Lynn Bell Tricia Lynn Carano Lauren Elise Daliman Kelli LeAnn Davis Tess Anne Donovan Carla Elizabeth Ferree Dana Marie Gates Amanda Christine Greene Melissa Ann Mariano Nukeisha Ann Martin

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Bachelor of Social Work Kim Eleanore Anderson Brandon William Burns Renee Clark

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Nicholas Aaron Giangiordano

Madison Paros Goske Trista Leigh Goss Sarah Lynn Jilg Kelly Lynn Johnson Venus Nicole Kitchen Chelsea Ann Leyshon Wendy Lynn Maxim Elizabeth McKnight Nicole Marie Melia Shawnna Marie Moore

Ann Nagel Brandy Jean Ogle Lisa Marie Pardick Andrea Lynn Reihard Erica Lee Romeo Andrew D. Rushing Cara Nola Snyder Rachel Lynne Soroka Cynthia M. Speziale

Charolette Constance Syrianoudis

Amanda Marie Van Fossan

Kevin R. Wallace Jessica Janee Williams

#### COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Associate of Arts

Ashlyn Symone Baker Vincent Angelo Costa Nicolette Paige Davis Vera Davis-Pierce Shannon Marie Guesman

Mir Asad Hussain Jordan Denise Johnson Shawanda Janelle Jones Steven Daniel McGuire Debra Joan Moore

Dez'Jheaun T. Nix-Anderson

Kortney M. Opencar Briana M. Revis Sherry Rigel Mark Simpson Justin Aaron Walker Amanda Patrice Zagorsky

Bachelor of Arts

Ashley Marie Anthony Kesner Paul Auguste Abel Daniel Ayana

Jeffrey David Boback Liam Charles Bouquet Kymberly Ann Bowlen David Michael Bresko Rachel Taylor Briceland Jonathan Michael Brown Casie Ann Bullen Ariel Latrice Burns

Iames Alexander Carkido Joseph William Carothers Nicole Marie Casalini Mary Frances Caskey Charles Martin Chavara **Julius Thurman Childs** 

Zaakiyah Amatullah Cua Spencer M. Curcillo Lawrence Lowell Davis Landon Walter Deflorville

Michael R. Dempsey Christina Marie DeSantis Patrick Lee Dicks Emily Joy Diorio

Adrienne Nicole Donzella

Jamie Lyn Durisko Autumn Joi Ellis

Rachel Olliffe Faerber-Ovaska Tabitha Christy Fitz-Patrick

Robert Flores, Jr. Coya' Gillins

Sydney Leigh Ginther Nicholas Gliha Kyle Robert Graff Imvli Groce

Glynnis Gabrielle Gunnett Anthony Stuart Hall Erin Mae Hall

Chelsev Marie Hammond

Jarrod Lee Haught

William L. Huffman-Cummings Raffaela Antonetta Infante

Myisha Jennings Megan Marie Kalasky Emmanuel George Kalouris Jena Elizabeth Kosinski Jude Anthony Koury Ienna Nicole Latcheran

#### COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES (CONTINUED)

James Norbert Lepak Danielle N. Lindsay Holly Michelle Massuccio Matthew Scott McCormick Sean Garrett McVeigh Robert John Miller Edward Lawrence Morris II Lee James Murray Matthew Nypaver Carly Elizabeth Ondash Kristen Nicole Osiniak Taylor Ann Phillips Sara Marie Pompeo

Robert D. Ritchey Cornelius Earl Roberts Heather Marie Roberts Bianca Noelle Robinson Siobhan Mone' Russell Dayna Christine Sammartino Shelby Lynn Santullo

Jacob Arnold Seamons Kristen Lynn Sharkey Eric Anthony Shehadi Quayla Shereis Simms Marah Elaine Slapsak Clayton Andrew Smith John E. Stanford

Danielle Ashley Tropea Anubhav Vinayak Jina Marie Vitullo Jennifer Lynn Waltman Melanie Elizabeth Waltman

Aimee Lee Wehmeyer Alyssa Marie Yacovone Jocelyn Hope Yeager Joseph Allen Young

Bachelor of General Studies Joshua Bennett Allen Amanda Jean Anderson Erin Nicole Auld Roy L. Austin Stephanie Helen Baker Claudia Michels Bell Anna Blaner

Barrett Andrew Booth Rachel Lynn Brainard Christian Scott Bryan Courtni Lynn Burton Emily Elizabeth Campbell Tiffany Mary Crane Stephen Joseph D'Angelo

Patricia Ann Day Heidi L. DiBacco Kenneth Jay Durden Jacob Allen Fryman Rachelle Giering Brytani Victoria Grier Drew Guido

Denitra Lynn Hamner Justin James Haught Christen Callie Higgins

Amy Ellen Hines Erika Kristine Hoover Chris Deandre Huntley Ciara Anntionette Jarrett

Dale A. Kennedy Kelly Ann Kilar

Anthony Konders Steven Fletcher Larson Samantha Jo Martauz Kelly Anne McKee-Foos Scott David Meeker Donna Sue Mehalco Shauntae Renee Middleton Kayla Elizabeth Milligan Brittney Leigh Newton **Brock Anthony Perfilio** Ruth Mary Petty Nichole Christine Polas Steven Austin Prestridge Alexandros Anastasios Psaras

Frank Anthony Romandetti Amy Lynne Rupert Kevin Edward Ruse Corey Lee Seitz Jason Frank Shirley Lauren Cadey Soich Matthew Keith Sullivan David Robert Sweitzer Monae Shanice Thomas

Aundria Rogers

Shalena Marie Thomas Teresa Jane Truman John Dominic Vadala, Jr. Lauren Walsh

Semoben Diane Wan-Tatah Megan Elizabeth Wesner Kara Lynn West Jami Belle Leah Williams

Justin A. Williams Katherine Ann Zetts

#### COLLEGE OF SCIENCE. TECHNOLOGY. **ENGINEERING AND MATHEMATICS**

Associate of Applied Science

Mazin Ghazi A Alenazi

Evan Lewis Banks

Christopher Allen Grant

John Alfred Lane

Danny Eugene Marker III

Ryan Andrew Metze Michael C. Miles

Jose' Esteban Miranda Mark Anthony Plant

Michael Roy Ponikvar

Christopher Lawrence Russell

Joseph A. Sperduto Jared Sprague

Daniel Joseph Taylor

Robert Marcus Thompson Daniel Joseph Vodhanel

Bachelor of Arts

Ryan Anthony Bezzarro Christopher Hunter Daniels Brian Patrick Kamerer Cynera Angeline Macri-Carr Havanna Sufian Mufleh Brian Philip Sherba

Bachelor of Engineering Thomas John Bauer

Jordan Thomas Brown

Jonathan Asgard Caporal Enriquez

18

Cassie Lynn George

Daniel Michael Gleydura

Paul D. Jones

Bryan Andrew Kelly Patrick Gino Kiraly

Joseph Philip Kravec Patrick Joseph Lyell

Seth Andrew Morrow Taylor Christian Rapovy Courtney Michele Richards

Tai Jaune M. Robinson Adam James Smith

William Lee Sparks Jacob Nelson Stracola

Samuel James Trimm Jonathon Zachary Ullery

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

Joseph D. Waltemire, Jr. Harold William Winner III Jeffrey T. Wormley

Bachelor of Science

Derrick Franklin Allen Abigail Ama Ansah-Zame

Peter Ballester Josiah Manuel Banks Kelly Lynn Bees Megan D. Bennett Marta Burak

Christopher P. Calvin

Dalton Anthony Joseph Campana Victoria Johanna Centofanti Robert Franklin Clark Bryan Glen Clute Kayla Dawn Coldsnow Torria Jazzé Cooke April Janelle Decker

Gwendolyn Meta Dirr Dmitruk

Tanner James Ewing Joseph Will Gantz Aricka Lynn Gates Heidi Jo Hall Gina Marie Halstead

Kathrvn Michelle Hamilton

Lisa Marie Iacovone

Hari S. Iyer

Suzanne Leigh Kepple Joshua Michael Kerr Geneva Rose Knott Joseph Martin Kochemba Joseph Philip Kravec Drew William Loutzenhiser Courtney Nicole McLaughlin

Dominic Pascarella Jeremy Gabriel Petronelli Marc Jared Rainier Guillaume Robert

Francis Jerome Rydarowicz Drew Alexander Saluga Craig Santangelo Sophia Jean Santisi Eric Anthony Shehadi

Ryan Scott Sherrill
Alex James Sisler
Joseph L. Strozier, Jr.
Heather Lee Suzuki
Lauren N. Tadla
Brittany Elizabeth Tenis

Rachel Ann Turner
Jordan Kelly Volchko
Jessica Leanne Whitely

Patrick P. Whitely Steven Leo Wiesen

Bachelor of Science in Applied Science

Richard Charles Baird Kelly Marie Barhorst Vito Santino Buonavolonta Philip Anthony Calzo

Aaron Cessna Louis James Coppola Lucinda Louise Corll William Albert D'Avignon

Devin Von Detwiler

Michael Anthony DiTosto Frank Henry Donnadio III Anthony John Donofrio James Harold Dowdell Christian Gabriel Estes Thomas Steven Evanchuck Joshua Andrew Fellows Jordan Fisher

Christopher J. Gaston Jason J. Gaston

David James Hollabaugh
Richard Keith Horvath
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Anna Mary Kolar
Gerald John Lesnak II
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Kyle Richard Murray
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Robert Ralph Pickel

Gary Bernard Reynolds, Jr. Jacob Addison Schofer

Brian Senich

Kayla Christine Shaffer Warren T. Sherman Shane Ryan Singer Christopher Tokarsky Andrew Whitman Turner Tyrell Deshawn Warren Danielle Nicole West Dwight Wright Ryan Michael Zeck

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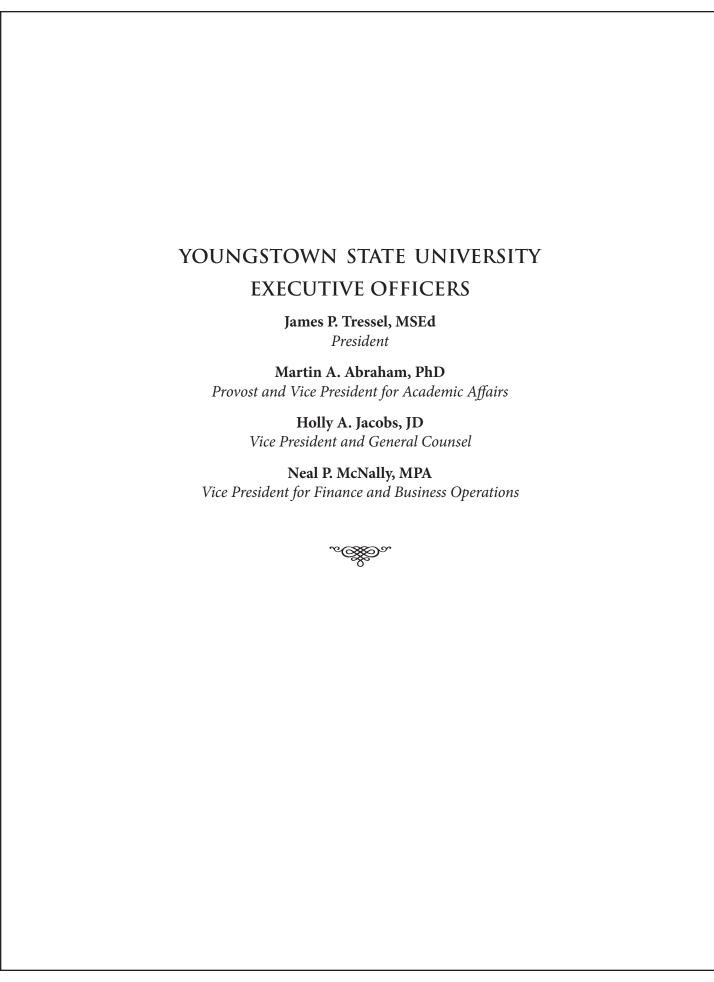
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#### MACEBEARER

### **Dr. Tim Wagner**Department of Chemistry

Tim Wagner received his BS in Chemistry from the University of Wisconsin at River Falls in 1981 and went on to earn his PhD in Chemistry from Arizona State University in 1986, where he utilized Transmission Electron Microscopy (TEM) methods to study structural details of inorganic oxides. Prior to joining the faculty of the Department of Chemistry at YSU in 1992, he worked as a Postdoctoral Research Fellow at Northwestern University and as an Assistant Visiting Professor of Chemistry at the Illinois Institute of Technology.

Since joining YSU's chemistry department, Dr. Wagner has focused much effort on establishing a campus infrastructure for solid state structural analysis. He played a lead role in establishing the chemistry department's X-ray diffraction facility as the Principal Investigator (PI) of a National Science Foundation (NSF) grant that provided major funding for the facility. He later served as PI and co-PI on NSF grants that funded the acquisition of X-ray powder and CCD single crystal diffractometer systems, respectively. He also set up the department's original transmission electron microscopy laboratory by locating two donor instruments and combining them into one functional instrument. More recently, he served as the PI/PD on a grant awarded through the Ohio Third Frontier Wright Project Program that funded a new state-of-the-art TEM facility, which includes a combined focused ion beam/scanning electron microscope for TEM sample preparation and other applications.

Dr. Wagner strongly supports his department's policy regarding hands on access to research-grade instrumentation by any student engaged in research and/or laboratory course experiments with the desire to learn. He has successfully incorporated a materials research module into the general chemistry laboratory curriculum and served as PI on an NSF grant award that funded a dedicated bench-top X-ray diffractometer and UV-Vis spectrometer for hands on access by general chemistry students. He also periodically co-teaches a dedicated course on solid state structural methods, emphasizing hands-on training in X-ray structural analysis and related techniques.

Professor Wagner has received over four million dollars in external funding for grants on which he served as Principal Investigator. He was also the principal author of the proposal establishing Materials Science and Engineering as a Center of Excellence at YSU, and has served as Director of the Center since its inception in 2009. He is a past Director of the PhD program in Materials Science and Engineering, which enrolled its first class in fall 2012. Currently, he serves as Chemistry Department Chairperson. He was recognized as a Distinguished Professor of Scholarship in 2004 and received the Graduate Dean's Award for *Superior Success in Obtaining External Funding* in 2009. He has over 30 peer reviewed publications and has directed thesis projects of 15 Master of Science students.

He is married to Attorney Patricia Wagner (Chairperson of the Department of Criminal Justice and Forensic Science at YSU), and they have two children.



#### READER

**Jeffrey L. Tyus, PhD**Associate Professor of Communications

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**Lin Sun, PhD,** Assistant Professor of Electrical and Computer Engineering

William G. Vendemia, PhD, Professor of Management

Jessica Wallace, PhD, Assistant Professor of Human Performance and Exercise Science

### **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.

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. University Scholars wear a specially minted medallion on a red 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.