



BINGHAMTON UNIVERSITY COMMENCEMENT

Class of 2026

DOCTORAL HOODING CEREMONY | MAY 14, 2026

BINGHAMTON
UNIVERSITY
STATE UNIVERSITY OF NEW YORK

**BINGHAMTON UNIVERSITY COMMENCEMENT
ANDERSON CENTER, OSTERHOUT CONCERT THEATER | MAY 14, 2026**

WELCOME

**PRESIDENT ANNE E. D'ALLEVA, THE BINGHAMTON
UNIVERSITY COUNCIL, FACULTY, STAFF, ALUMNI,
AND STUDENTS OF BINGHAMTON UNIVERSITY,
STATE UNIVERSITY OF NEW YORK, ARE HONORED BY
YOUR PRESENCE AT SPRING 2026 COMMENCEMENT**

MESSAGE FROM THE UNIVERSITY PRESIDENT

Graduates, parents, families, and friends,

On behalf of Binghamton University, allow me to welcome you to Commencement 2026. Thank you for being here to celebrate the accomplishments of the graduates, who have spent their time at Binghamton learning, leading, and preparing themselves for a bright future in whatever they do. The students who graduate today have made considerable and lasting contributions to the University community. I am grateful to

the moms and dads, the aunts and uncles, the grandparents, the siblings, the cousins, and the friends who offered their support and guidance to today's graduates throughout this journey.

My congratulations to the Class of 2026. You have challenged yourselves academically in the pursuit of knowledge through reading and writing, research and scholarship, and by asking questions and working with others. You have navigated a world of new ideas, new people, and unexpected challenges. You have grown and improved and you graduate today ready to take the next step into another exciting adventure.

I encourage graduates and their families to reflect on the transformative effect of higher education as part of your Commencement celebrations. Your experience at Binghamton

has prepared you for the rest of your life in ways that you might not realize today. Years from now, when you solve a problem at home, at work, or in your community, you might look back and be grateful for an experience that you had with a faculty member, a roommate, or a friend that put you in a position to make a difference. I know you've improved yourself through gaining knowledge at Binghamton — your diploma is a testament to that. You've also grown as a person into a kind, caring, and compassionate global citizen. We celebrate you today for developing and honing those skills as well.

There is a special spirit at Binghamton that I've sensed since I've arrived. I like to call it the Binghamton Bond. It is the invisible thread that holds everything together at the University, in the way we treat one another, and approach our time here with a meaningful appreciation and understanding for one another. I see the Binghamton Bond constantly in the way that our faculty and staff go above and beyond in serving our students and in the way in which students work to make the University a better place to live and learn.

Thank you for your contributions to the Binghamton Bond. I hope you continue to spread excellence, collaboration, and a positive attitude wherever you go next. Congratulations to the Class of 2026!

Sincerely,



Anne E. D'Alleva
President



DOCTORAL HOODING COMMENCEMENT CEREMONY

THURSDAY, MAY 14, 2026, 12:30 P.M.

PRELUDE

“Three Chorales,” music by J. S. Bach, arr. David R. Thomas
 “Amazing Grace,” Traditional, arr. Peter S. Neu
 “Simple Gifts,” Traditional, arr. David R. Thomas
 “Chester Chorale and Variations,” music by William Billings,
 arr. Peter S. Neu
 “La Paix from ‘Royal Fireworks,’” music by G. F. Handel,
 arr. David R. Thomas
 “O Magnum Mysterium,” music by Tomas Luis de Victoria,
 arr. David Marlatt

PROCESSIONAL

“Pomp and Circumstance” from *Military Marches, Op. 39*,
 music by Edward Elgar, transcribed by Michael Green
 University Brass Quintet
 Jennifer L.R. Greene, Conductor

GRAND MARSHAL

Julien Panetier, Associate Professor, Chemistry;
 Chair, Faculty Senate

SCHOOL AND STUDENT MARSHALS

Katherine Wander, Professor, Anthropology
 Yang “Lexi” Gao, Electrical and Computer Engineering

PIPERS

Broome County Celtic Pipes and Drums
Pipers lead in the faculty and platform party in tribute to Robert Harpur, an eminent colonial New Yorker of Scottish heritage, whose name is linked with the historic roots of the University.

PLATFORM PARTY MARSHAL

Joshua Reno, Associate Dean for Strategic Initiatives,
 Graduate School

FACULTY MARSHALS

Debjit Gupta, Assistant Professor of Marketing,
 School of Management
 Jacqueline McGinley, Associate Professor of Social Work;
 MSW Program Director, CCPA

KEYNOTE SPEAKER

CHEVELLE NEWSOME

PRESIDENT, COUNCIL OF GRADUATE SCHOOLS

Chavelle Newsome became the seventh president of the Council of Graduate Schools (CGS) in 2025, leading one of the nation’s most influential organizations in advancing graduate education. She represents 443 U.S. and Canadian institutions, 24 international members, and programs awarding over 563,000 master’s and 65,000 doctoral degrees annually. Guided by three imperatives — Excellence First, Graduate Education at the National Table, and Student-Centered Success — she champions innovation, academic success, and institutional excellence. Previously, as Dean of Graduate and Undergraduate Studies at California State University, Sacramento, she oversaw curriculum development, expanded doctoral education, and aligned learning outcomes with career success.



ORDER OF EXERCISES

CEREMONY OPENING

Grand Marshal Panetier

NATIONAL ANTHEM

“The Star Spangled Banner,” music by
John Stafford Smith,
arr. Daniel Fabricius
Alejandra Toledo, Vocalist
Jennifer L.R. Greene, Pianist

DEAN’S WELCOME

Terrence Deak

PRESIDENT’S REMARKS

Anne E. D’Alleva

PROVOST’S REMARKS

Donald E. Hall

INTRODUCTION OF KEYNOTE SPEAKER

Dean Deak

KEYNOTE SPEAKER REMARKS

Chevelle Newsome

ALUMNI ASSOCIATION REMARKS

Felicia Moreira ’01, MA ’02

DISTINGUISHED DISSERTATION AWARDS

The Distinguished Dissertation Award recognizes outstanding scholarly research that contributes significantly to the advancement of knowledge within a particular academic discipline. This prestigious award honors doctoral candidates whose dissertations demonstrate exceptional originality, rigor, and impact. Awardees are selected based on the quality of their research, its potential for further academic inquiry, and its broader implications for society. The award serves to celebrate and acknowledge the highest level of academic achievement within the University’s graduate programs.

For each calendar year, Binghamton University awards Distinguished Dissertation Awards in each of four nationally recognized categories:

SOCIAL SCIENCES

Michelle Lynn Feyerabend

“Mediating Crisis Leadership: A CHAT
Perspective on Superintendent-
Stakeholder Engagement During
Prolonged Disruption”

*Teaching, Learning, and Educational
Leadership: Prof. Amber Simpson*

PHYSICAL SCIENCES AND ENGINEERING

Samuel Olin

“On Controllable Electronic Properties
In Correlated and Topological Quantum
Materials”

Physics: Prof. Wei-Cheng Lee

LIFE SCIENCES

Humberto Ortega

“Outer Membrane Vesicle Formation and
Function in Bacterial Coculture”
Biological Sciences: Prof. Jeffrey Schertzer

HUMANITIES

Kaushik Tekur

“Policing Forms: Fugitive Difference and
the Global Eighteenth Century”
English: Prof. Alexandra Moore

PRESENTATION OF CANDIDATES FOR AND CONFERRING OF DOCTORAL DEGREES

Dean Deak
President D'Alleva

ALMA MATER

"In the Rolling Hills of Binghamton,"
lyrics by Xin Engel, music by
David Engel '86, arr. Daniel Fabricius
(*lyrics on the back cover*)
Alejandra Toledo, Vocalist
Jennifer L.R. Greene, Pianist

CEREMONY CLOSING

Grand Marshal Panetier

RECESSIONAL

"Trumpet Voluntary," music by
John Stanley, arr. Peter S. Neu

GRADUATE STUDENT EXCELLENCE AWARDS

Each year, the Graduate School confers Excellence Awards to recognize outstanding achievements and contributions of graduate students across all academic disciplines. These competitive and prestigious awards celebrate path-breaking research, scholarship, and creative activities; inspirational teaching and instructional innovation; and extraordinary leadership in service or community engagement. Awards in each of these three categories (research, teaching, and service/outreach) honor students' unusually strong commitment to excellence, and serve as a testament to the dedication and hard work of graduate students who are shaping the future of their academic field, the industries in which they will work, and their communities. The students listed below received an Excellence Award during their tenure as a graduate student at Binghamton University.

EXCELLENCE IN RESEARCH

Prabhu Bharathan, *Materials Science and Engineering*
Mahmood Chahari, *Mechanical Engineering*
Stephanie Corio, *Chemistry*
Yang "Lexi" Gao, *Electrical and Computer Engineering*
Tamas Gerocs, *Sociology*
Mohsen Hatami, *Electrical and Computer Engineering*
Shruti Jain, *English*
Andrea Liss, *Behavioral Neuroscience*
Yulin Liu, *Industrial and Systems Engineering*
Charlie McDonald, *Clinical Psychology*
Jaime Mendelis, *Educational Theory and Practice*

Abdullah Faisal Pasha, *Chemistry*
Shyam Bharat Kumar Patel, *Materials Science and Engineering*
Mohammad Samara, *Industrial and Systems Engineering*
Christopher Alan Schroeder, *Mathematics*
Akbar Solhtalab, *Mechanical Engineering*
Sevgi Soylemezgil, *Finance*

EXCELLENCE IN SERVICE/ OUTREACH

Eunji Hong, *Biomedical Engineering*
Aly Milks, *Biological Sciences*
Kiana Tanghatar, *Community Research and Action*
Michael Williamson, *English*

EXCELLENCE IN TEACHING

Kenyon Cavender, *Sociology*
Colin Clark, *Chemistry*
Katherine Elacqua, *Clinical Psychology*
Sophia Fabrizio, *Cognitive Psychology*
Yiming Hong, *Political Science*
Young In Jang, *History*
Abdinasir Jimale, *Political Science*
Nicholas Kanaar, *English*
Rachel Kruger, *Biological Sciences*
Nermin Mohamed, *Biological Sciences*
Christopher Schroeder, *Mathematics*
Iana Shchetinskaia, *History*
Lisa Timmermann, *Comparative Literature*
Stefan G. Viola, *Mathematics*

CANDIDATES FOR DOCTOR OF EDUCATION DEGREES

Michelle Lynn Feyerabend*

“Mediating Crisis Leadership: A CHAT Perspective on Superintendent-Stakeholder Engagement During Prolonged Disruption”

Teaching, Learning, and Educational Leadership:
Prof. Amber Simpson

Paul Nyakono Machira**

“The Future of Catholic Schools in Broome County, New York: An Interview Case Study Based on Catholic Parents’ Perspectives”

Teaching, Learning, and Educational Leadership:
Prof. Adam Laats

Jillian Monique Mason**

“An Exploration of Personal Epistemology as Experienced in a Community College First-Year Composition Course: A Crystallized Qualitative Inquiry”

Teaching, Learning, and Educational Leadership:
Prof. Matthew McConn

Barbara Elaine Phillips

“Structural Supports or Roadblocks: Exploring Organizational Dynamics in the Work of Instructional Coaches”

Teaching, Learning, and Educational Leadership:
Prof. Matthew McConn

Joe Sam*

“A Qualitative Study of Teacher Perspectives on Informal Sociolinguistic Development in Chinese Immersion Classrooms”

Teaching, Learning, and Educational Leadership:
Prof. Marla Mallette

Rachel Leigh Shipp

“Qualitative Thematic Analysis of the Phenomenology of Covid-19 Work-Life Balance from Secondary Mothers/Teachers”

Teaching, Learning, and Educational Leadership:
Prof. Nicole Fenty

CANDIDATES FOR DOCTOR OF PHILOSOPHY DEGREES

El Mehdi Abbara*

“Electro-Mechanical and Electro-Thermal Reliability Assessment of Printed Systems in Flexible Hybrid Electronics”

Industrial and Systems Engineering: Prof. Mark Poliks

Omar A. Abueed#

“Advancing Healthcare Through Artificial Intelligence: Technical Excellence in Medical Image Segmentation and Operational Efficiency in Clinical Workflows”

Industrial and Systems Engineering: Prof. Yong Wang

Hayford Kofi Doe Adjavor**

“A Non-Fixed Multiple Depot Multiple Traveling Salesman Problem (non-fixed MDmTSP) Model for Hurricane Humanitarian Logistics Planning & Evacuation”

Systems Science: Prof. Yong Wang

Roya Aghaeifar*

“A Multifaceted Approach Using Discrete-Time Survival Analysis, Network Science, and Graph Neural Networks to Predict Relapse in Breast Cancer”

Systems Science: Prof. Mohammad Khasawneh

Jack Walter Agnes*

“Fabrication and Machine Learning Assisted Tomographic Visualization of Femtosecond Laser Written Waveguides”

Physics: Prof. Bonggu Shim

Grant Toshio Aguinaldo*

“The Optimization of Solar Hydrogen Production to Enable the Decarbonization of the Industrial Sector: A Focus on Spatiotemporal Modeling”

Systems Science: Prof. Neha Patankar

Mabrur Ahmed

“Data-Driven Methods in Physics: Manifold Learning for Quantum Phases and Battery Optimization”

Physics: Prof. Michael Lawler

Seriyye Akan#

“Ottoman Contribution to Globalization of Evolution Theory, 1860-1920”

History: Prof. Kent Schull

Audai Al-Akailah#

“Multi-Laser Coaxial Wire-Powder Directed Energy Deposition of Metal Matrix Composites: Mechanistic Modeling of Process Dynamics and Experimental Characterization of Microstructure Evolution”

Industrial and Systems Engineering: Prof. Fuda Ning

Hind Mudhhi Alanazi#

“Representations of Women’s Experience in Islamic Cinema: A Neorealist-Islamic Feminist Reading of Wadjda and Offside”

Comparative Literature: Prof. Luiza Moreira

Aws A. Alattar#

“Revolutionizing Office Lean Management through AI and Data-driven Insights for Cultural Changes”

Industrial and Systems Engineering: Prof. Yong Wang

Riadh Abdullah Ahmed Hezam Al-Haidari*

“Fabrication, Characterization, and Performance Assessment of Printed Electronics for High Power Electronics, Flexible Electronics, and Wearable Electronics Applications”

Industrial and Systems Engineering: Prof. Mark Poliks

Saif Haitham Qadri AL-Nimer

“Drone-Truck Arc Routing Problems”

Industrial and Systems Engineering: Prof. Sung Hoon Chung

Areej M. AlQowaify#

“Forgetting Truth, Narrating Fallacy: Narrative and Memory Ethics in Postmodern Fiction”

English: Prof. Jeffner Allen

Shrouq Al-Rawashdeh*

“Predictive Analytics and Pattern Discovery in Hospital Revenue Cycle Management: From Payment Forecasting to Cost Optimization”

Industrial and Systems Engineering: Prof. Sreenath Chalil Madathil

Hala Mohammad Ahmad Al Sliiti**

“Addressing Maternal Health Disparities: An Integrative Approach using Machine Learning and Process Mining”

Industrial and Systems Engineering: Prof. Sreenath Chalil Madathil

Sari Al Zerey**

“Impact of Interconnect Scaling on Copper Microstructure and Electromigration Reliability in Copper/Dielectric Hybrid Bonding”

Materials Science and Engineering: Prof. Junghyun Cho

John Peter Antonacci*

“Climates of Coercion, Climates of Capital: Military Revolutions in the Capitalist World-Ecology, 1492-1815”

Sociology: Prof. Jason Moore

Malik Adeel Anwar

“Development of Gene-Edited Cell Therapeutics for Oral Cancer Treatment”

Biomedical Engineering: Prof. Sha Jin

Devon Tyler Applegate

“Trpv2 Regulates Cocaine Reinforcement and Psychomotor Activation”

Psychology: Prof. J. David Jentsch

Hari Asokan#

“GIT Quotient of Congruence Action of SLg on Tuples of Symmetric Matrices”

Mathematics & Statistics: Prof. Adrian Vasii

Utkucan Balci*

“A Data-Driven Exploration of Niche Web Community Behavior”

Computer Science: Prof. Jeremy Blackburn

Kathleen H. Bannon#

“Rise and Fall: The Selection, Survival, and Dismissal of U.S. Foreign Policy Advisors”

Political Science: Prof. Gregory Robinson

Kevin Patrick Batzinger*

“Quantum Transport in Structurally Varied Systems”

Physics: Prof. Manuel Smeu

Prabhu Bharathan

“Studies on Ceria and Nickel Oxide Nanoparticle-Based Electrocatalysts for Oxygen Reduction and Evolution Reactions”

Materials Science and Engineering: Prof. Jiye Fang

Amanda Lynn Biltucci

“Hour of the Loon”

English: Prof. Joseph Weil

David Michael Birk

“Quantitative Analysis of Occupational Safety and Health Administration Laws and Violation Citations for General Industry”

Systems Science: Prof. Hiroki Sayama

Tasnim Bishara**

“Records of Partition: Reading the Role of the Archivist in Militarized Geographies of Control”

English: Prof. Praseeda Gopinath

Francesca Marie Bove

“The U.S. Naturalization Interview Process: USCIS Officers’ Positioning and Administrative Discretion”

Community and Public Affairs: Prof. Bogum Yoon

Khadijah Nahisha Boxill**

“Space and Place: The Displacement of Self in African American Literature”

English: Prof. Mary Albanese

Alison Marie Brenman*

“A Longitudinal Exploration of Psychological Distress, Drinking to Cope, and Alcohol Use Outcomes in a Sample of Mandated Students”

Psychology: Prof. Nadine Mastroleo

Kelly A. Buchanan#

“Assessment of School Absenteeism and Refusal in Autistic Youth”

Psychology: Prof. Raymond Romanczyk

Carla N. Budrow#

“Defining the Role of Dorsal Raphe Serotonergic Co-Transmission and Vesicular Glutamate Transporter 3-Possession in a Rat Model of Levodopa-Induced Dyskinesia”

Psychology: Prof. Christopher Bishop

Thomas J. Buttgerreit

“Disability as Self-Identification: Nothing about us without us”

Philosophy: Prof. Lisa Tessman

Stefano F. Calabro#

“Natural Multi-Layered, Cell-Laden Tissue-Engineered Vascular Grafts”

Biomedical Engineering: Prof. Sha Jin

Emily Heather Canessa**

“Characterization of the Dystrophin Associated Protein Complex in Dystrophinopathies”

Biomedical Engineering: Prof. Yetrib Hathout

Dominic T. Caracciolo**

“Developing Scalable Platinum Ternary Nanoalloys for High-Performance PEM Fuel Cells”

Chemistry: Prof. Chuan-Jian Zhong

Lynda A. Carroll

“Identity, Materiality, and Memory of Empire: Archaeology of Ottoman Ayazmend”

Anthropology: Prof. Kathleen Sterling

Wasilah Omar Charbenny

“Retranslators as Restorationists: The Ascendancy of Literary Nahda Current and its Effects on the Initiation of Double Authorship Meanings Through Retranslation”

Comparative Literature: Prof. Luiza Moreira

Shichun Chen*

“Advanced Methods toward Understanding Neural Mechanisms of Behavior and Disease”

Computer Science: Prof. Weiyang Dai

Yan Chen*

“Biomimetic Tissue Engineering Scaffolds: A Combination of Electrospinning, 3D Printing, and Molding Techniques”

Industrial and Systems Engineering: Prof. Yingge Zhou

Jeshurun Antonio Colon#

“Engineering an Infective Endocarditis-on-a-chip Model for In Vitro Study of Cardiac Infection”

Biomedical Engineering: Prof. Gretchen Mahler

Stephanie Corio#

“A Combined Computational and Experimental Mechanistic Analysis of Modern Catalytic Reactions”

Chemistry: Prof. Jennifer Hirschi

Maya Celeste Cowan#

“Observing the Unknown: Expertise and Ways of Knowing in the Science of Unidentified Anomalous Phenomena”

Anthropology: Prof. Douglas Holmes

Joshua David Crow

“Mechanistic Investigations and Mechanism Guided Methodology Development in Photo- and Electrophotocatalytic Reactions”

Chemistry: Prof. Jennifer Hirschi

Sarah Lynn Cunningham

“The Unquiet Grave: Microbial Community Succession in Human and Pig Decomposition”

Anthropology: Prof. Elizabeth DiGangi

Wenshu Dai*

“Advanced Mixture Models for Clustering Microbiome Data”

Mathematics and Statistics: Prof. Guifang Fu

Andrey Darovskikh

“Essential and Accidental in Aristotle’s Theory of Biological Species”

Philosophy: Prof. Anthony Preus

David Demicco**

“Compiler Mechanisms for Low Level Defenses”

Computer Science: Prof. Aravind Prakash

Pheobe Mairin Deneen**

“The Evolutionary Ecology of Specialized Phytophagous Insects Experiencing Host Plant Shifts”

Biological Sciences: Prof. Thomas Powell

Karthik Arun Deo

“Influence of Doping on the Electromigration Performance of Sn-Ag-Cu Based Solder alloys on 2nd Level BGA Interconnects”

Mechanical Engineering: Prof. Seungbae Park

Niranjana Dhandapani**

“The Effects of Extrinsic and Intrinsic Factors on Human Skin Mechanical Properties”

Biomedical Engineering: Prof. Guy German

Jonelle Amber Dickson-Prokopchak**

“School-Based Speech-Language Pathologists’ (SLPS) experiences with Stuttering: A Qualitative Study”

Community and Public Affairs: Prof. Rodney Gabel

Lhamo Dorje

“Toward Robust and Physics-Aware Radio Frequency Imaging: Capability, Security, and Environmental Adaptation”

Electrical and Computer Engineering: Prof. Xiaohua Li

Eli Dworetzky#

“Source-Adaptive Steganography: Understanding and Improving Security via Source Modeling and Deep Learning”

Electrical and Computer Engineering: Prof. Jessica Fridrich

Yusuf Evirgen**

“Mapping State Repression: From Political Crises to Daily Control”

Political Science: Prof. Seden Akcinaroglu

Shiming Fang**

“Deep Learning-Based Vehicle Dynamics Estimation and Distributionally Robust Control for Safe Autonomous Driving”

Mechanical Engineering: Prof. Kaiyan Yu

Sara Farshineh Saei#

“Exploring RNA Secondary Structure Using Triplex Forming Peptide Nucleic Acids As a Probe With High Affinity And Selectivity”

Chemistry: Prof. Eriks Rozners

Matthew James Fecik

“Investigating the Consequences of Adolescent Intermittent Ethanol Exposure on Phasic Fore-brain Cholinergic Signaling, Associated Proteins, and Spatial Working Memory”

Psychology: Prof. Lisa Savage

Sebastian Freeman

“Innovations in Biomedical Engineering: 3D Bioprinting of Vascular Prostheses UVC Disinfection Modeling, and Yeast-Based SARS-COV-2 Vaccination Strategies”

Biomedical Engineering: Prof. Sha Jin

Yang “Lexi” Gao

“Self-Powered and Intelligent Biosensing Systems for Next-Generation Wearable Technologies”

Electrical and Computer Engineering: Prof. Seokheun Choi

Melissa V. Gates#

“Implications of Sexual and Gender Minority Adverse Childhood Experiences (SGM-ACEs) on Romantic Relationship Functioning among SGM Individuals”

Psychology: Prof. Christina Balderrama-Durbin

Lidia G. Gebre#

“Design and Characterization of Chemiresistive Sensors Coated with Nanocomposite-Structured Sensing Interfaces for the Detection of Volatile Organic Compounds”

Chemistry: Prof. Chuan-Jian Zhong

Emma J. Glynn#

“Molecular Disruption of Crosstalk between Proteins and its Impact on Pseudomonas aeruginosa Biofilm Integrity”

Biological Sciences: Prof. Karin Sauer

Macaulay Gillian Glynn

“Stone Inventory”

English: Prof. Tina Chang

Daviti Gochitashvili

“Machine Learning-accelerated Structure Prediction and Ab initio Design of Ambient-pressure Superconductors”

Physics: Prof. Alexey Kolmogorov

Jessica Emily Granieri*

“Cross-Cultural Differences in the Evaluation of a Child-Directed Parenting Style Among Parents of Autistic Children”

Psychology: Prof. Raymond Romanczyk

Mia Candelori Grosso*

“Investigating the Construct Overlap of Camouflaging with Social Anxiety and Safety Behaviors”

Psychology: Prof. Jennifer Gillis Mattson

John Peter Gudenzi*

“Nietzsche’s Three Souls”

Philosophy: Prof. Robert Guay

Antonio Tomas Guerrero Diaz

“The Controversy over Commitment and the Political Works of Rafael Alberti”

Comparative Literature: Prof. Luiza Moreira

Fatma Gumus

“Dual-Branch Variational Mode Decomposition-Based Mode-Aware Multi-Scale Convolutional Transformer for EEG Motor Imagery Classification”

Industrial and Systems Engineering: Prof. Mohammad Khasawneh

Ziqi Guo#

“From Small Clinical Cohorts to Large-Scale Social Media: Data-Driven Approaches for Cohort Adaptation, Selection, and Adverse Drug Reaction Detection”

Industrial and Systems Engineering: Prof. Luis M. Rocha

Pengzhan Hao

“Architecting Edge Intelligence: Efficient Personalized Service and Scalable Distributed Computing”

Computer Science: Prof. Yifan Zhang

Yohei Hayamizu

“Spatially and Socially Grounded Communication for Human-Robot Collaboration with Trust and Rapport”

Computer Science: Prof. Shiqi Zhang

Shannon Rita Hearn

“Gored stuff”

English: Prof. Claire Luchette

Quinn E. Hendershot#

“Cross-cultural and Cross-linguistic Validation of Retranslations of Five Relationship Measures”

Psychology: Prof. Matthew Johnson

Amelia Laura Bouey Hessey

“A Biocultural Approach to Understanding Longitudinal Changes in Violence Toward Black Residents of Washington, DC”

Anthropology: Prof. Rolf Quam

Eunji Hong

“Integrated Nano/Microscale Biomedical Engineering System for Neural Modulation”

Biomedical Engineering: Prof. Siyuan Rao

Yiming Hong#

“From Silence To Sirens: Essays on the Timing of State Repression”

Political Science: Prof. David Clark

Ali Hoseinzadehforoughi

“Design and Optimization of Bone Scaffolds to Enhance Mechanical and Fluid Flow Performance”

Mechanical Engineering: Prof. Mir Jalil Razavi

Farzaneh Hosseini#

“Multi-scale Thermal Management in Data Centers”

Mechanical Engineering: Prof. Bahgat Sammakia

Rosebelle A. Ines#

“Uncovering Intra- to Interspecific Variation in a Species Complex of Ecologically Important Mutualists: How Traits and Behavior of Ant Seed Dispersers Affect Understory Plant Communities”

Biological Sciences: Prof. Kirsten Prior

Fabiha Islam

“Cognitive Effects of Concussion on Driving Performance in Conditionally Automated Vehicles”

Industrial and Systems Engineering: Prof. Chao Shi

Elana S. Israel#

“Neural Indices of Social and Monetary Reward Processing as Predictors of Real-World Pleasure and Affect in Adolescents at Risk for Depression”

Psychology: Prof. Brandon Gibb

Meghana Jain

“Improving Information Extraction in Side Channel Analysis of FPGAs Using the Hardware Response”

Electrical and Computer Engineering: Prof. Douglas Summerville

Jayne Lynn Joos

“Foodways and Pottery Use Through Time: A Ceramic Use-Alteration Analysis at Neolithic Hali”

Anthropology: Prof. Susan Pollock

Meenakshy Jyothis*

“Towards Ivanov’s Meta-Conjecture for Geodesic Currents”

Mathematics & Statistics: Prof. Eugenia Sapir

Shivi Kalra

“Three Essays on Social Learning, Expectation Formation, and Monetary Policy Communication in the Digital Age”

Economics: Prof. Susan Wolcott Hanes

Mercia Kandukira*

“Being When Meant Not to Be”

English: Prof. Amir Ahmadi

Bora Kang

“Englishness as Emotional Terrain: Affective Drift in British Literature and Media”

English: Prof. John Havard

Edgar Kaziakhmedov*

“Explaining and Interpreting Deep Learning Models in Steganography”

Electrical and Computer Engineering: Prof. Jessica Fridrich

Duaa Abdulahad Khalil*

“Unscripted: The Transformation of Modern and Contemporary Arabic Printmaking, 1970s to the Present”

Art History: Prof. Thomas McDonough

Yong Hyeon Kim*

“Contested Manhood: Masculinity, the Urban Settlement House Movement, and Male Reformers, 1891-1940”

History: Prof. Leigh Ann Wheeler

Alyssa Moore Kinser*

“The Role of Sex-Biasing Factors in Nucleus Accumbens Shell Dopamine Dynamics and Oxycodone Demand in Mice”

Psychology: Prof. J. David Jentsch

Robert Austin Kippes**

“Theory, Practice, and Utopia: A Critique of Ideal and Nonideal Theories of Justice”

Philosophy: Prof. Mattias Iser

Brian Keith Kirby

“On Resolving the Singularities of the Reissner-Nordström Penrose Diagram via Method of Blow-Ups”

Mathematics and Statistics: Prof. Paul Loya

Ilze Kumpina**

“Chemical Modification of Peptide Nucleic Acids to Improve RNA Recognition and Cellular Uptake”

Chemistry: Prof. Eriks Rozners

James C. Lavelle#

“Regenerating the Republic: Cultural Institutions of Republicanism Under the French Directory (1795-1799)”

History: Prof. Howard Brown

Annemarie Anuhe Lee**

“Mechanistic Investigations of a Photoredox Chain [4+2] Cycloaddition”

Chemistry: Prof. John Swierk

Makenzie Rae Lehr

“Ethanol Consumption, Elimination, and Response of Genes That Escape X Chromosome Inactivation to Ethanol in Four Core Genotypes Mice”

Psychology: Prof. J. David Jentsch

Zhen Lei**

“Improving Microelectronic Packaging Reliability: Electrochemical Approaches to Void Formation and Nanoporous Metal Interconnects”

Chemistry: Prof. Nikolay Dimitrov

Francisca Andrea Leiva Infante

“Liberty’s Boundaries: Slavery, Race, and Nation-Building in Early Republican Chile, 1810-1825”

History: Prof. Nancy Appelbaum

Ezekiel Lemann**

“Some Results on Scissors Congruence K-theory”

Mathematics and Statistics: Prof. Cary Malkiewich

James C. Lethbridge

“The Limits of Justification: An Analysis of Toleration in Rainer Forst”

Philosophy: Prof. Mattias Iser

Xiaotian Li*

“Toward Dynamic, Multimodal, Interactive, and Generative AI for Facial Behavior Analysis”

Computer Science: Prof. Lijun Yin

Zhilu Liang**

“Surface and Interface Evolution and Stability in Cu and Cu-Pt Alloys under Reactive Conditions”

Mechanical Engineering: Prof. Guangwen Zhou

Natalie Renée Lipari*

“Investigating Anxiety-Like Behaviors and Basolateral Amygdala Dysfunction in a Novel Rat Model of Parkinsons Disease”

Psychology: Prof. Christopher Bishop

Christina Ann Litchfield

“Ropewalker: A Memoir”

English: Prof. Liz Rosenberg

Jionghao Liu*

“The Japanese Afterlife of Water Margin: Toward a Systematic Approach to Adaptation Studies”

Translation Studies: Prof. David Stahl

Mingjiu Liu#

“Advanced Spectroscopic Imaging and Quantification of Plant Interfaces: From Stomatal Distribution to Micro- and Nanoplastic Fate”

Materials Science and Engineering: Prof. Huiyuan Guo

Tianzheng Liu**

“Technological Development to Convert Food Waste into Biodegradable Plastics”

Biomedical Engineering: Prof. Sha Jin

Yulin Liu#

“Understanding the Role of Post-Printing Processes in Metal Extrusion-Based Additive Manufacturing”

Industrial and Systems Engineering: Prof. Fuda Ning

Zhixin Luo*

“The Afterlife of Monarchy: Qing Loyalists, Public Performance and Imperial Culture in Republican China”

History: Prof. Fa-Ti Fan

Michael A. Magid#

“Human Trafficking Prediction via Agentic Coding and Graph Neural Networks”

Systems Science: Prof. Melissa Zeynep Ertem

Atif Mahmood

“Deformation and Damage Properties of Low-Temperature SnAgCu-Bi Hybrid Solder Joints”

Industrial and Systems Engineering: Prof. Peter Borgesen

Sudip Maji*

“Mechanistic Investigation and Methodology Development in C-H Functionalization Reactions”

Chemistry: Prof. Mathew Vetticatt

Hanan Mahmoud Mansy*

“Advanced Data Driven Modeling for Modern Energy Systems: From Market Forecasting to Battery State-of-Health Estimation”

Industrial and Systems Engineering: Prof. Yong Wang

Mercury Kidd Mason

“Promoting Generative Representations Through Graded Classification Learning”

Psychology: Prof. Kenneth Kurtz

Eric Mattina**

“Progressive Metafiction: Formal Innovation as Genre Renewal in Victorian Horror”

English: Prof. Jessie Reeder

Sumaya Falak Falak Memon

“Essays in Industrial Organization, Regulation, and Firm Performance”

Economics: Prof. Subal Kumbhakar

Aly Milks#

“Uncovering Bottom-Up and Top-Down Mechanisms Contributing to Altered Interactions for a Poleward Range-Expanding Galling Insect”

Biological Sciences: Prof. Kirsten Prior

Nicola E. Miller

“Outside Conditions: Essays on Resource Geometry, Climate, and Accent Discrimination in Economic Systems”

Economics: Prof. Andreas Pape

Kristen M. Mooney#

“Factors Affecting Placement for First Full-Time Clinical Education Experiences in Physical Therapy Students”

Community and Public Affairs: Prof. Sarah R. Young

Steven Michael Morgan

“An Algorithmic Approach to Understanding the Impact of Design Work in Software Projects”

Systems Science: Prof. Hiroki Sayama

Seyed Danial Mousavi[#]

“Synthesis and Characterization of Alloy and Core-Shell Nanoparticles for Clean Energy Production and Biosensing Applications”

Chemistry: Prof. Chuan-Jian Zhong

Ezgi Muftuoglu Moses[#]

“How to Control Bureaucratic Systems?”

Political Science: Prof. William Heller

Farid Muttaqin

“Keislaman and Keacehan: Gendered Nationalism and Anti-Gender Politics in the Post-Tsunami Islamic Region of Aceh, Indonesia”

Anthropology: Prof. Thomas Wilson

Mahesh Nepal

“Oxidant-Driven Conduction in Ultrathin ALD Al₂O₃ and the Design of Nanolaminate Coatings for Microelectronics and Energy Storage”

Electrical and Computer Engineering: Prof. Tara P. Dhakal

Holly Ray Neubauer^{}**

“Investigation Into the Role of Clostridioides difficile and Vancomycin-Resistant Enterococcus faecium Infections Through the Lens of Carbon Metabolism”

Biological Sciences: Prof. Puja Kumari

Faisal Salameh Nsour

“Impacts of Attention on the Growth Dynamics of Complex Systems”

Systems Science: Prof. Hiroki Sayama

Utsav Nyachhyon

“Genomic, Biochemical, and Physiological Analyses of Long-Lived Drosophila Reveal a Novel Role for the Receptor Tyrosine Kinase Sevenless in Physical Activity and Metabolism During Overnutrition”

Biological Sciences: Prof. Laura Musselman

Abdullah Sa'id Obeidat^{}**

“Additive Manufacturing and Performance Assessment of Radio Frequency Devices for Flexible, Embedded and High Temperature Electronics”

Industrial and Systems Engineering: Prof. Mark Poliks

Simeon Ayokunmi Ogunbunmi^{}**

“Lightweight Reputation System for Unmanned Aerial Vehicle Networks”

Electrical and Computer Engineering: Prof. Yu Chen

Victor Temidayo Ojo

“Novel TROP2-Targeting Antibody Drug Conjugates for the Treatment of Pancreatic Cancer”

Biomedical Engineering: Prof. L. Nathan Tumej

Héctor Ormeño Campos^{*}

“Essays in Applied Microeconomics”

Economics: Prof. David Slichter

Humberto Ortega^{}**

“Outer Membrane Vesicle Formation and Function in Bacterial Coculture”

Biological Sciences: Prof. Jeffrey Schertzer

Surendra Babu Orupalli

“Resilience of India Electronics Supply Chains Under Structural Failures and Climate Hazards: A Network Science Approach”

Systems Science: Prof. Hiroki Sayama

Zeynep Otluglu Dursun

“Muslim Diaspora and the Soviet Project: Central Asian Migrants and the Making of Turkestani Nation in Exile”

History: Prof. Heather DeHaan

Christopher M. Owen

“Rigidity of Metal-Organic Frameworks”

Physics: Prof. Michael Lawler

Patrick Kinda Owido

“A Multi-layer Composite Efficiency Index for Measuring Stock Market Efficiency”

Systems Science: Prof. Hiroki Sayama

Michael T. Pacelli

“Dislocation Starvation in solid and nanoporous nanocrystals: A Molecular Dynamics investigation into dislocation nucleation”

Physics: Prof. Bruce White

Seyeon Park[#]

“Essays on Macroeconomic Expectations”

Economics: Prof. Wei Xiao

Abdullah Faisal Pasha[#]

“Electrochemical Synthesis of Low-Temperature Interconnect Materials for Next-Generation Semiconductor Packaging”

Chemistry: Prof. Nikolay Dimitrov

Shyam Bharat Kumar Patel

“Phase, Microstructure and Surface Evolution of Ni-Based Systems in Reactive Gaseous Environments at Elevated Temperatures”

Materials Science and Engineering: Prof. Guangwen Zhou

Emma Elizabeth Pawliczak^{}**

“Electrospray Deposition of Conformal Thin Films for Electronics Packaging Applications”

Mechanical Engineering: Prof. Paul Chiarot

Hashan Peiris

“Computational Strategies for Tailoring Interfacial Chemistry in Advanced Battery Materials”

Materials Science and Engineering: Prof. Manuel Smeu

Peter Penta[#]

“Sex-Specific Vasopressin Modulation of Central Amygdala GABAergic Circuitry During Withdrawal from Chronic Adolescent Binge Ethanol Exposure”

Psychology: Prof. David Werner

Nihal Ashish Poredi^{*}

“Full Spectrum Surveillance”

Electrical and Computer Engineering: Prof. Yu Chen

Mariah Allison Postlewait^{*}

“Richard Avedon’s In the American West Revisited”

Art History: Prof. John Tagg

Joseph Mario Prisaznuk^{}**

“Particle Assembly at Fluid Interfaces Using Electrospray Deposition”

Mechanical Engineering: Prof. Paul Chiarot

Haleema Qamar^{*}

“Extracellular Matrix and Stromal Cell Contributions in Designing Immune Aware Cardiac Models”

Biomedical Engineering: Prof. Gretchen Mahler

Ziqi Qing^{}**

“Properties of Fibrous Organic Electronic Materials for Solar Cells and Wearable Electronics”

Materials Science and Engineering: Prof. Jeffrey Mativetsky

Qian Qu^{*}

“Microverse — a Task-Oriented Edge-Scale Metaverse”

Electrical and Computer Engineering: Prof. Yu Chen

Zahra Rafiee^{*}

“Papertronic Sensing Platforms for Real-Time Electrical Monitoring of Antibiotic Susceptibility”

Electrical and Computer Engineering: Prof. Seokheun Choi

Md Hasan Ashik Rahman[#]

“Transnational Solidarity through Adaptations: State Authoritarianism and Popular South Asian Cinemas”

English: Prof. Monika Mehta

Christopher Renskers^{*}

“First-Principles Investigation of Superconductivity in Zintl Telluride, Layered Borocarbides, and Hydrogen-Rich Materials”

Physics: Prof. Elena Margine

Wendifer Reyes Ramos^{}**

“Tin-Based Formamidinium Halide Perovskite Solar Cells on Planar and Nanostructured Substrates”

Materials Science and Engineering: Prof. Tara Dhakal

Maryam Rezaie^{*}

“Advanced Miniaturized Microbial Fuel Cells for Next-Generation Bioelectronic Applications”

Electrical and Computer Engineering: Prof. Seokheun Choi

Suzanne Rose Richardson[#]

“Throw it Up”

English: Prof. Amir Ahmadi

Carla Juanita Victoria Eugenia Rodríguez Congote^{}**

“Visual Worlds of Colombia’s Agrarian Reform, 1960s-1970s”

History: Prof. Nancy Appelbaum

Kenny Roggenkamp

“Duration and Contradiction: A Theoretical Approach to Middle English Mysticism”

English: Prof. Marilynn Desmond

Emily Rosman

“Translating Feminist Resistance: Preserving Imagery in French Translations of #MeToo Literature”

Translation Studies: Prof. Jeanette Patterson

Soumit Saha**

“Developing Volumetric and Metabolic Imaging Approaches for Brain Tumor Diagnosis Using Multimodal Multiphoton Microscopy”

Biomedical Engineering: Prof. Fake Lu

Yoona Salemizadehparizi*

“Modeling Early Calcific Aortic Valve Disease (CAVD): Integration of Macrophages, Oxidative Stress, and Oxidized Low Density Lipoprotein in a Dynamic CAVD-on-a-Chip Platform”

Biomedical Engineering: Prof. Gretchen Mahler

Mohammad Samara#

“Enhancing Quality of Life Outcomes through Optimizing Recreational Therapy Engagement Among Veterans in Long-Term Care Facilities: A Mixed-Methods and Predictive Analytics Approach”

Industrial and Systems Engineering: Prof. Kimberly Harry

Gina Mary Santiago*

“Ambiguity and Aporia: The Purpose of Eristic Arguments in Plato’s Euthydemus”

Philosophy: Prof. Anthony Preus

Divyanshi Rituraj Sar

“Investigation of Magnetic Topological Materials using Scanning Tunneling Microscopy”

Physics: Prof. Pegor Aynajian

Tim Schmidt

“Interruption at the Threshold of Language: Breakdown, Constraint, and Relational Structures in Literary Texts”

Comparative Literature: Prof. Brett Levinson

Christopher Alan Schroeder

“Invariants of Finite Groups”

Mathematics and Statistics: Prof. Hung Tong Viet

Mitra Sedeeqi*

“Phonon Transport in Crystal/Aerogel Nanocomposites: A Molecular Dynamics Simulation Study”

Physics: Prof. Bruce White

Alexandra Semma Tamayo#

“The Patterning of Fracture Characteristics from Gunshot Wounds in Long Bones: Comparing Bone Trauma Inflicted by Handgun (9mm) and Rifle (.223 rem) Ammunitions”

Anthropology: Prof. Laure Spake

Guojun Shang

“Synthesis, Preparation, and Characterization of Nanoparticle-Assembled Chemiresistive Interfaces for Sensor and Biosensor Applications”

Materials Science and Engineering: Prof. Chuan-Jian Zhong

Michael Thomas Shaw*

“Using Brain Stimulation to Examine Affect Regulation and Sexual Decision Making”

Psychology: Prof. Richard Mattson

Fiona G. Sleight#

“Investigating the Relation between Cognitive Performance and Dissociative Symptoms Utilizing a Standardized Neuropsychological Battery”

Psychology: Prof. Richard Mattson

Jessica Diane Smeeks*

“Defensibility, Cooperation, and Centralization: A Comparative Analysis of the Interrelationship Between Warfare and Sociopolitical Organization in Late Intermediate Period Peru”

Anthropology: Prof. William Isbell

Xueer Song*

“Multilineage Co-developing Pancreatic and Endothelium Lineages from iPSCs”

Biomedical Engineering: Prof. Kaiming Ye

Tia Marie Spagnuolo*

“Experiences of Transgender and Gender Diverse Individuals in Pursuit of Gender-Affirming Voice and Communication Services: A Phenomenological Mixed Methods Study”

Community and Public Affairs: Prof. Sarah Young

Mary Blomberg Spodnick**

“Moderate Mid-Term Prenatal Alcohol Exposure and the Basolateral Amygdala: Pyramidal Neuron Physiology and Fear Learning in the Adolescent Sprague Dawley Rat”

Psychology: Prof. Marvin Diaz

Yu Sun**

“The Cost of Containerization”

Computer Science: Prof. Hui Lu

Tasneem Mahmoud Tawalbeh

“Chemical Footprints of Renewables and Energy Storage Systems”

Industrial and Systems Engineering: Prof. Yuxin Wang

Muhammad Arslan Tayyab

“Engineering an iPSC derived 3D model to study neurocardiac interactions in vitro”

Biomedical Engineering: Prof. Tracy Hookway

Kaushik Tekur Venkata*

“Policing Forms: Fugitive Difference and the Global Eighteenth Century”

English: Prof. Alexandra Moore

Jason Andrew Tercha**

“Restoring the Old Dominion: Northern Virginia’s Railroad Revolution, 1847-1861”

History: Prof. Diane Sommerville

William Gregory Terrell Jr.*

“Systematic Co-Culture of iPSC-CM and iPSC-AN to Promote Co-Maturation in vitro”

Biomedical Engineering: Prof. Tracy Hookway

Brandon Tessier#

“Investigation on Peptide Nucleic Acid Binding Modes: PNA/RNA2, PNA2/RNA, and PNA2/DNA Triplexes”

Chemistry: Prof. Eriks Rozners

Charley R. Tomassetti

“Ab Initio Design of High-Temperature Ambient-Pressure Superconductors Accessible Through Soft Chemical Reactions”

Physics: Prof. Elena Margine

Gavin J. Vaughan#

“Adolescent social isolation promotes oxycodone-seeking and augments mu-opioid receptor responsiveness in the ventral pallidum”

Psychology: Prof. Anushree Karkhanis

Steve Karun Vijayan*

“Dynamic Models for Registered Nurse Supply and Shortage in the U.S.”

Industrial and Systems Engineering: Prof. Mohammad Khasawneh

Stefan G. Viola

“On Matroids over the Triangle Hyperfield”

Mathematics and Statistics: Prof. Laura Anderson

Priti Prabhakar Wakodikar*

“Graphite: Real-Time Graph-Based Detection of Malware Attacks on Windows Systems”

Computer Science: Prof. Ping Yang

Dingli Wang*

“Mechanical Properties of Boron Nitride Nanotube-Reinforced Ceramics”

Mechanical Engineering: Prof. Changhong Ke

Yulu Wang#

“Essays on Production Economics”

Economics: Prof. Subal Kumbhakar

Rebecca A. Warshofsky

“Unstable Moralities in 21st-Century Transgressive Fiction”

Comparative Literature: Prof. Jeroen Gerrits

Kaiyi Wen*

“Environmental Trifecta: Essays on Pollution, Justice, and Mental Health”

Economics: Prof. Neha Khanna

Zhixin Wen*

“Hardware-Assisted Performance and Security Enhancements of 5g Networks”

Computer Science: Prof. Guanhua Yan

AJ White

“Blue Loop”

English: Prof. Joseph Weil

Erin Nicole Whitson

“Finding the Trail of Tears”

Anthropology: Prof. Carl Lipo

Scott Ross Wilkins

“From Biopolitics to Pneumapolitics: Isaac Hecker, the Vatican Councils, and Catholic Governmentality”

English: Prof. Jean-Pierre Mileur

Lucas Williams

“Detecting Periodic Points via Equivariant Framed Cobordism”

Mathematics and Statistics: Prof. Cary Malkiewicz

Chuning Xie

“The Parallel Family: Gender, Law, and Displaced Conjugalities in Wartime China, 1937–1949”

History: Prof. Yi Wang

Junbo Yang**

“Comprehensive Study of Electromigration in Ball Grid Array with Multi-Via Structure Using Pb-Free Solder”

Mechanical Engineering: Prof. Seungbae Park

Oner Yigit**

“Ethnic Mobilization and the Politics of Recognition: Determinants of State Minority Policies in New Democracies”

Political Science: Prof. Ekrem Karakoc

Engin Burak Yilmaz

“Eco-Industrial Complex: Neoliberal Capitalism and the Making of Global Environmental Politics 1970–2020”

Sociology: Prof. Jason Moore

Shehtab Zaman#

“Design and Optimization of Deep Learning Algorithms for Scientific Simulations”

Computer Science: Prof. Kenneth Chiu

Mingyuan Zhang*

“Advancing Raman Imaging Technologies for Lipid Metabolism Studies in Cancer Cells”

Biomedical Engineering: Prof. Fake Lu

Xiang Zhang*

“Exploring Multimodal learning on Biometric Analysis”

Computer Science: Prof. Lijun Yin

Xinhai Zhang*

“Identification and Estimation of Conditional Average Treatment Effects under Unmeasured Confounding with Instrumental Variables”

Mathematics and Statistics: Prof. Xingye Qiao

Yunxiang Zhang**

“Algorithm-Hardware Co-Design of Addernet Based Accelerators for Edge Intelligences”

Electrical and Computer Engineering: Prof. Wenfeng Zhao

Zechen Zhang

“Thermal Characterization and Reliability of Thermal Interface Materials for Electronic Packaging”

Materials Science and Engineering: Prof. Scott Schiffres

Chenrui Zhao

“Pleasurable Nationalism: Building China’s Affective Borders under NeoliberalismX”

English: Prof. Joseph Keith

DOCTORAL HONORS IN THE THOMAS J. WATSON COLLEGE OF ENGINEERING AND APPLIED SCIENCE

Grant Aguinaldo

Excellence in Systems Science Research

Sabbir Ahmed

Excellence in Computer Science Research

Saif H. Al-Nimer

Outstanding Teaching Assistant in Systems Science and Industrial Engineering

Shrouq M. Al-Rawashdeh

Outstanding Teaching Assistant in Systems Science and Industrial Engineering

Anju Anand

Outstanding Teaching Assistant in Electrical and Computer Engineering

Malik Adeel Anwar

Academic Excellence in Biomedical Engineering

David Demicco

Outstanding Teaching Assistant in Computer Science

Eli Dworetzky

Excellence in Electrical and Computer Engineering Research

Sebastian Freeman

Outstanding Teaching Assistant in Biomedical Engineering

Yang “Lexi” Gao

Excellence in Electrical and Computer Engineering Research

Ziqi Guo

Outstanding Teaching Assistant in Systems Science and Industrial Engineering

Eunji Hong

Excellence in Biomedical Engineering Research

Yulin Liu

Excellence in Industrial and Systems Engineering Research

Abdullah S. Obeidat

Excellence in Industrial and Systems Engineering Research

Emma Pawliczak

Excellence in Mechanical Engineering Research

Katherine Peters

Excellence in Biomedical Engineering Research

Joseph M. Prisaznuk

Academic Excellence in Mechanical Engineering

Mohammad Samara

Excellence in Industrial and Systems Engineering Research

Fatemeh Tahmasbi

Academic Excellence in Computer Science

Tasneem Mahmoud Hussein Tawalbeh

Outstanding Teaching Assistant in Systems Science and Industrial Engineering

Dingli Wang

Excellence in Mechanical Engineering Research

*Degree awarded summer 2025 | **Degree awarded fall 2025 | ***Degree awarded winter 2026 | # Degree anticipated to be awarded after spring 2026



ABOUT BINGHAMTON UNIVERSITY

Binghamton University began as Triple Cities College in 1946, serving as a branch of Syracuse University. Initially located in Endicott, just five miles west of its current campus, the college became part of the State University of New York (SUNY) system in 1950. It was then renamed Harpur College in honor of Robert Harpur, a Colonial educator and patriot who settled in the Binghamton area.

In 1961, the campus relocated to Vestal and was later selected as one of four doctorate-granting university centers within the state system. In 1965, it was officially designated as the State University of New York at Binghamton. The informal name, Binghamton University, was adopted in 1992.

Binghamton is recognized for the exceptional quality of its students, faculty, staff, and academic programs. The University enrolls over 18,800 students pursuing bachelor's, master's, and doctoral degrees and offers more than 150 programs across its academic divisions.

Known as the most selective and prestigious institution in the SUNY system, Binghamton University is earning increasing national recognition for its academic excellence, innovative research, and educational value. According to the Carnegie Classification of Institutions of Higher Education, Binghamton is designated as an R1 “very high research” institution. The University also has a growing regional presence, notably marked by the Health Sciences Campus in Johnson City. Its educational outreach and service initiatives also provide critical support for local communities. The University earned the Carnegie Classification for Community Engagement designation in 2026 for its dedication to building meaningful partnerships, advancing civic learning, and creating positive impact in the community.

Binghamton is also an accessible destination with a smaller campus atmosphere. Its retention rates significantly exceed national averages, and more undergraduates gain admission to nationally ranked and rigorous graduate programs than is typical for public research universities.

INTERNATIONAL FLAGS

The international flags, representing the more than 110 nations our students hail from, hang in the Events Center during Commencement and other campus venues during the academic year. Flown since Commencement 1997, these flags are an important visual reminder that Binghamton University's strength lies in its people — who represent a great variety of cultures, backgrounds, and ideas.



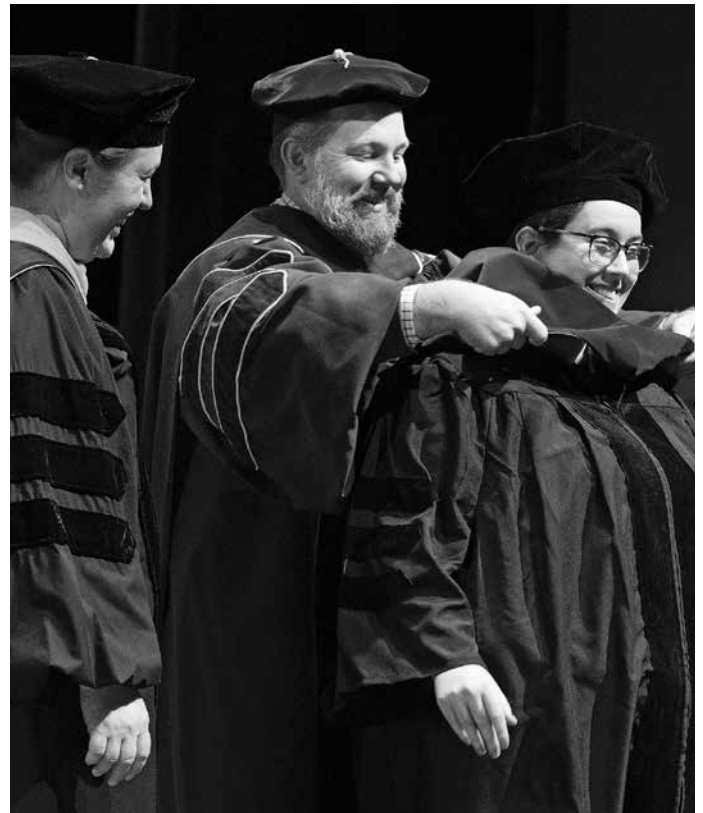
UNIVERSITY MACE

The University mace, a gift from the Class of 1993, symbolizes Binghamton University's authority as an institution of higher learning. It is nearly three feet long and crafted from hand-turned, polished walnut. The mace features a spherical head with two inset cast-bronze medallions. One medallion displays the University's seal, while the other features a high-relief depiction of Pegasus, representing the University's aspirations for its future.



ACADEMIC REGALIA

The shapes, colors, and trims of academic gowns, hoods, and caps signify the degree earned, the granting institution, and the field of study. Typically, higher degrees feature more elaborate regalia. Bachelor's gowns have pointed sleeves, master's gowns have square-cut sleeves, and doctoral gowns include velvet facings and bars. Hoods vary in length, lined with the institution's official colors and trimmed with colors representing the field of study. Mortarboards are usually black with tassels that may be black or in the field's color, with only doctoral caps permitted to have gold-thread tassels. Graduates traditionally move their tassels from right to left after degree conferral.



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College of Engineering and Applied
Science

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Arts and Sciences

Eugene Marshall Jr., Director of
Athletics

Kanneboyina Nagaraju, Dean, School of
Pharmacy and Pharmaceutical Sciences

JoAnn J. Navarro '93, MBA '02, Vice
President for Operations

Mario R. Ortiz, Dean, Decker College of
Nursing and Health Sciences

Brian T. Rose, Vice President for
Student Affairs

David K. Whitmore, Vice President for
Advancement and Executive Director of
Binghamton University Foundation

GUEST INFORMATION

ACCESSIBILITY SERVICES

If you or someone in your party is in need of accessibility services, please ask any volunteer for assistance.

CEREMONY LENGTH

This ceremony should last approximately 90 minutes, depending on the number of graduates.

EMERGENCIES

Police and emergency medical staff are on site. If you need assistance, contact the closest usher. (Ushers can be identified by their black suits with name tags or black polo shirts with volunteer name badges.)

In the event of a fire alarm, the building's emergency horns will be activated. Guests should carefully exit the building through the nearest exit. Be aware that the closest exit may not be through the same doors that you used to enter the building. Ushers will assist in the orderly evacuation of the building.

LISTING OF GRADUATES

Inclusion in the program does not constitute evidence of completion of degree or honors requirements. Students who filed an Application for Degree with the University's Student Records Office by the March 13 deadline will be included in the program. Those filed after the deadline may not appear. Binghamton University will not amend the Commencement program after the ceremonies.

PHONES

Guests are asked to silence their cell phones for the duration of the ceremony. Your cooperation is greatly appreciated.

PHOTOGRAPHY

So that all may enjoy the majesty and joy of the occasion, we ask guests to refrain from approaching the stage to take pictures during the ceremony. Photographers from GradImages will be photographing our graduates as they cross the stage. For information on how to order prints, visit binghamton.edu/commencement/students/photography.html.

RESTROOMS

Restrooms are located on either side of the Osterhout Concert Theater.

SEATING

Accessible seating for guests is available in Row W. Please see an usher for assistance. Guests may remain seated during the processional, but we ask guests (if able) to stand when the national anthem is sung. For purposes of decorum and the safety of all guests, we ask that the aisles remain clear during the ceremony. Guests are asked to remain seated until the platform party, faculty, and graduates have recessed. Your cooperation is appreciated.

SIGN LANGUAGE INTERPRETERS

Sign language interpreters will be visible on stage right. For best viewing of the interpreters, sit on the left side of the theater as you enter, facing the stage.

SOCIAL MEDIA

Follow Commencement live on social @BinghamtonU for Facebook, Instagram, and YouTube.

ALMA MATER

IN THE ROLLING HILLS OF BINGHAMTON

*Lyrics by Xin Engel, music by David Engel '86,
arrangement by Daniel Fabricius*

In the rolling hills of Binghamton
'Neath ever changing skies
Where two gently flowing rivers meet,
We form our cherished ties.

Together we spend these years,
United in our aim.
Through our bold pursuit of excellence,
We proudly bear your name.

Refrain:

O Binghamton, we carry thee
With us for all our time
And through us individually
Forever may you shine.

BINGHAMTON
UNIVERSITY
STATE UNIVERSITY OF NEW YORK