

Graduate School Doctoral Hooding Ceremony

Friday, May 8, 2026



A Message from the Dean

Pursuit of a doctoral degree is among the most challenging, most rigorous, and most rewarding of all opportunities offered in higher education. It is one of the few opportunities available for an individual to explore, single-mindedly, a specific topic and know that they have, by venturing into new territory, made an important contribution to knowledge.

That contribution to knowledge is not made without sacrifice, without the love and support of family and friends, and without the guidance of faculty advisors and other members of this academic community.

We honor and take great pride in the achievements of our doctoral graduates. We wish you all success, happiness, and the opportunity to be curious in the days and years ahead.

Peter A. Venable

Associate Provost for Graduate Studies and Dean of the Graduate School

Program

PROCESSION OF THE ACADEMIC DEANS*

Music performed by members of the Syracuse University Brass Ensemble:
Craig Elwood and Lee Turner (Trumpets), Dickson Rothwell (French Horn),
Rob Enslin (Trombone), James T. Spencer (Tuba)

WELCOMING

Peter A. Variable, Associate Provost for Graduate Studies and Dean of the Graduate School

Lois Agnew, Vice Chancellor, Provost, and Chief Academic Officer, Syracuse University

WASSERSTROM PRIZE

The Wasserstrom Prize is presented annually by the College of Arts and Sciences in memory of Professor William Wasserstrom, a former faculty member in the Department of English. The award recognizes a tenured faculty member who, in the view of students and colleagues, best exemplifies the following qualities: being a recognized scholar whose work is characterized by its originality and distinctive character; having an outstanding record of effective training of graduate students; and actively participating in the intellectual and institutional life of the University, college, and department.

Presenter: **Behzad Mortazavi**, Dean, College of Arts and Sciences

Recipient: **Tracy C. Reichert Schimpff**, Human Development and Family Science

GRADUATE SCHOOL MARSHAL

Each year, a Syracuse University doctoral student is selected as the Graduate School marshal. Selection of our Graduate School Marshal is based on a review of nominees' research and other academic accomplishments, as well consideration of the student's past service to their department and the university. The marshal assists with hooding fellow Ph.D. candidates during the hooding ceremony and will lead the Ph.D. candidates into Syracuse University's Commencement ceremonies.

2026 GRADUATE SCHOOL MARSHAL

Keturah L. Cochren-Albright

Marriage and Family Therapy, College of Arts and Sciences (PhD., May 2026)

Faculty Advisor: Deborah Coolhart

HOODING OF THE CANDIDATES

CONCLUDING REMARKS

Peter A. Variable, Associate Provost for Graduate Studies and Dean of the Graduate School

RECESSIONAL*

Performed by Brass Quintet

RECEPTION

Panasci Lounge

* The audience is asked to stand.

2026 Doctoral Hooding Ceremony Candidates

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College of Arts and Sciences

Behzad Mortazavi, Dean

DOCTORAL PRIZE WINNERS:

Takunda Maisva, Ph.D., Biology

Sabrina Marie Traver, Ph.D., Mathematics

John Abercrombie, Ph.D., Religion, June 2025

Daoist Culture in Wudang Shan: Enchanted Heritage, Neo-Traditionalism, and Secular Spirituality

Advisor: Gareth Fisher

Moses Adenyo, Au.D., Audiology, May 2026

Advisor: Jamie Desjardins

Siani Y.M. Amidon, Ph.D., School Psychology

A Systematic Review of the Acceptability of Function-based Assessments of Student Behavior

Advisor: Tanya Eckert

Monique Antoine, Ph.D., School Psychology

Examining the Effects of Performance Feedback on Reading Comprehension Processes in Middle School-aged Students: A Clustered Randomized Controlled Trial

Advisor: Tanya Eckert

Ahmet Celik, Ph.D., Religion, August 2025

Distributed Sovereignty: Law, Community, and Authority in the Political Theories of Al-Māwardī, Al-Juwaynī, and Al-Fārābī

Advisors: Zachary Braiterman and Jeanette Jouili

Tsung Hsing Chiang, Ph.D., Chemistry, December 2025

Effects of π -rich Solvents and Nickel and Cobalt Dopants on the Synthesis and Properties of Cesium Lead Halide Nanocrystals

Advisor: Mathew Maye

Kevin Ching, Ph.D., Physics, December 2025

Enzyme Active Bath Affects Protein Condensation

Advisors: Jenny Ross and Jennifer Schwarz

Eric Cochran, Ph.D., Mathematics, May 2026

On Compact Quasi-Einstein Metrics of Constant Scalar Curvature

Advisor: William Wylie

Keturah L. Cochren-Albright, Ph.D., Marriage and Family Therapy, May 2026

An Exploration of Black Women's Embodied Experiences of Sexual Functioning and Breastfeeding During the Postpartum Period

Advisor: Deborah Coolhart

Bradley Cole, Ph.D., Physics, May 2026

Characterizing Capacitance of Josephson Junctions for Quantum Devices

Advisors: Britton Plourde and Alexander Nitz

Lida Nia Colón, Ph.D., Composition and Cultural Rhetoric, May 2026

A Black Feminist Materialist Consideration of Reconstruction Era Education in Virginia March - August 1866

Advisors: Eileen Schell and Gwendolyn Pough

Adrianna Sarah Cornell, Au.D., Audiology, May 2026

Advisor: Joseph Pellegrino

Fatima Dobani, Ph.D., Clinical Psychology

Multiracial Discrimination Scale: Development and Psychometric Validation of Its Associations with Alcohol Misuse Among Multiracial Young Adults

Advisor: Aesoon Park

Ashley Douglass, Ph.D., Cognitive Psychology, December 2025

Relational Knowledge Restructuring: Explored through Experimental and Bayesian Computational Methods

Advisor: Michael Kalish

Marisa Enes, Au.D., Audiology, May 2026

Advisor: Karen Doherty

Jayda Felder, Ph.D., Social Psychology, May 2026

The Predictive Validity of Casual Dating Advice for Early-Stage Romantic Relationship Outcomes

Advisor: Leonard Newman

Amber Ford, Ph.D., Chemistry, June 2025

A Customizable Ligand-Conjugate System for Investigation and Detection of Ghrelin O-acyltransferase

Advisor: James Hougland

Helbert García-Delgado, Ph.D., Earth Sciences, May 2026

A Study of the Links Between Denudation, Lithology, and Tectonics in the Tropical Andes

Advisor: Gregory Hoke

Azadeh Ghanizadeh, Ph.D., Composition and Cultural Rhetoric, December 2025

Forced Migration Narratives and the Architecture of International Protection

Advisor: Brice Nordquist

Alexandria Guinness, Ph.D., Chemistry, June 2025

Advancing the Sensitivity and Precision of Overhauser Dynamic Nuclear Polarization with a Foundation in the First Principles of Nuclear Magnetic Resonance Physics

Advisor: John Franck

Madison June Gunn, Ph.D., Earth Sciences, May 2026

Characterizing the Spatiotemporal Evolution of Midlatitude Seasonal Snowpacks Using Various Ground-based Observations

Advisor: Samuel Tuttle

Tyler Hain, Ph.D., Physics, May 2026

Mapping the Rigid Landscapes of Disordered Networks and Active Solids

Advisor: M. Lisa Manning

Kaiyue He, Ph.D., Mathematics, August 2025

Betti Numbers for Modules over Artinian Local Rings

Advisor: Graham Leuschke

Samay Hulikal Narasimhamurthy, Ph.D., Physics, May 2026

Surfing Shapes and Breaking Bridges: Geometric Control in Soft Matter

Advisor: Christian Santangelo

Jianqing Jia, Ph.D., Mathematics, June 2025

Sparse Recovery Using Scale and Signed Permutation Invariant Functions

Advisor: Lixin Shen

Adam Krause, Ph.D., Mathematics, December 2025

Minimal L^p -Mean Distortion Maps Between Embedded Tori

Advisor: Jani Onninen

Nimisha Krishnan, Ph.D., Physics, December 2025

Cargo Transport and Material Properties in Microtubule Networks Through the Roles of Mesh Size, Crosslinking, and Dynamics

Advisor: Jenny Ross

Abigayle Kubik, Au.D., Audiology, May 2026

Advisor: Kristen Kennedy

Gabriella K. Larson, Ph.D., Cognitive Psychology, May 2026

Estimator and System Variables on Eyewitness Identification Procedure Outcomes

Advisors: Amy Criss and Daniel Corral

Khoi Nguyen Anh Le, Ph.D., Marriage and Family Therapy, June 2025

The Association Between Dyadic Stress and Relationship Quality Among Couples in Vietnam: The Mediating Role of Compassion

Advisor: Nicholas Newstrom

He Li, Ph.D., Physics, August 2025

Holographic Scaling and Cosmological Correlators

Advisor: Jay Hubisz

Jingwen Li, Ph.D., Mathematics, December 2025

On Detecting Change-Points of a Segmented Logistic Regression Model

Advisor: Hyune-Ju Kim

Xixin Liang, Ph.D., Physics, May 2026

$|V_{cb}|$ measurement from decay $\Lambda_b^0 \rightarrow \Lambda_c^+ \mu^- \bar{\nu}_\mu$

Advisor: Marina Artuso

Hanjie Lin, Ph.D., Chemistry, June 2025

Development of Lead-free Perovskite Passivated Core/Shell Perovskite Nanocrystals with Enhanced Optoelectronic Properties and Environmental Stability

Advisor: Weiwei Zheng

Walker MacSwain, Ph.D., Chemistry, August 2025

Co-Catalyst Modified Mn-Doped Semiconductor Hybrid Nanostructures for Enhanced Photocatalysis

Advisor: Weiwei Zheng

Takunda Maisva, Ph.D., Biology, August 2025

Characterization of the Molecular Mechanisms of Noise Stress on Developmental Plasticity in Gryllus bimaculatus & Co-Teaching and Peer-led Team Learning in Undergraduate Introductory Biology Courses Toward Expanding Participation in STEM for All

Advisor: Jason Wiles

Suman Maity, Ph.D., Chemistry, May 2026

Redox and Allosteric Processes in Blue Light Sensitive Proteins

Advisor: Atanu Acharya

Kesavan Manivannan, Ph.D., Physics, May 2026

Quasiparticle Poisoning of Superconducting Fluxonium Qubits

Advisor: Ivan Pechenezhskiy

Jason Markins, Ph.D., Composition and Cultural Rhetoric, June 2025

Beyond the Head and the Hand: A Rhetorical Analysis of Material Ethos in the Craftsman (1901-1905) and Make: (2005-2010) Magazines

Advisor: Krista Kennedy

Chandler Martin, Ph.D., Physics, December 2025

Computationally Efficient Methods for Calculation of Light-Matter Interaction in Large Semiconductor Quantum Dots

Advisors: Arindam Chakraborty and Christian Santangelo

Desiree Martin, Ph.D., Mathematics, May 2026

DG Algebra Techniques for Tor Algebras and Edge Ideals

Advisor: Claudia Miller

Molly McConnell, Ph.D., Composition and Cultural Rhetoric, May 2026

Hands On: An Exploration of Techne via Everyday Embodied Practices

Advisor: Patrick Berry

Gentian Muhaxheri, Ph.D., Physics, May 2026

Geometric Approaches to Memory Formation in Soft Matter

Advisor: Christian Santangelo

Sean Nalty, Ph.D., Philosophy, August 2025

In Defense of Metaphysics: A Defense of the Value and Methodological Soundness of Metaphysics Understood as Structural Modeling

Advisor: Mark Heller

Buddhini Nugaduwa Vithanage, Ph.D., Chemistry, May 2026

Development of Dual-Stimuli Responsive Polymer-coated Gold Nanoparticles and Their Surface Engineering via Polyelectrolyte Layer-by-Layer Assembly

Advisor: Mathew Maye

Favour Ononiwu, Ph.D., Biology, August 2025

Molecular Mechanisms Governing Left Right Axis Formation During Vertebrate Development

Advisor: Heidi Hehny

Destiny Orantes, Ph.D., Clinical Psychology

The Lasting Scars of Bullying: Bullying Severity as a Mediator of Childhood ADHD Symptoms and Young Adult Borderline Personality Disorder Symptoms

Advisor: Kevin Antshel

Adam Patterson, Ph.D., Philosophy, August 2025

The Good Life & Group Agents

Advisor: Ben Bradley

Jadrien Paustian, Ph.D., Physics, December 2025

Developing Best Practice Fabrication for Niobium Superconducting Devices

Advisor: Ivan Pechenezhskiy

Hang Pham, Ph.D., Physics, May 2026

Charmed Baryon Spectroscopy with Λ_b^0 Semileptonic Decays

Advisor: Marina Artuso

Kendra Popek, Au.D., Audiology, May 2026

Advisor: Beth A. Prieve

Henry Potts-Rubin, Ph.D., Mathematics, June 2025

On Uses for and Constructions of Differential Graded Algebras

Advisor: Claudia Miller

Arnab Pradhan, Ph.D., Physics, August 2025

Lattice and Continuum Anomalies: Bridging the Gap

Advisors: Simon Catterall and Scott Watson

Taylor Putman, Au.D., Audiology, May 2026

Advisor: Tammy Kordas

Carlos Ramírez-Arenas, Ph.D., Religion, May 2026

Trabajar Es Orar: Time, Religion, and Modernization in Nineteenth Century Colombia

Advisor: M. Gail Hamner

Harrison Luke Reinheimer, Ph.D., Chemistry, December 2025
Synthesis of Superconducting Nanomaterials and Heterostructured Semiconductor Nanoparticles
Advisor: Mathew Maye

Ashley Schiros, Ph.D., Clinical Psychology
Misinformation Mayhem: The Effects of Tik Tok Content on ADHD Knowledge, Stigma, and Treatment Seeking Intentions
Advisor: Kevin Antshel

Elena Shevchenko, Ph.D., Mathematics, December 2025
Automatic Interpretable Prim's Density-based Clustering (AIPDC)
Advisors: Pinyuen Chen and Jack Graver

Hamed Shirmohammadi, Ph.D., Philosophy, May 2026
Avicenna on Non-Rational Voluntary Motion
Advisor: Kara Richardson

Benesemon Simmons, Ph.D., Composition and Cultural Rhetoric, August 2025
When the Walls Talk Back: Black Women's Experience in the Graduate Classroom
Advisors: Aja Martinez and Gwendolyn Pough

Emily Smith, Au.D., Audiology, May 2026
Advisor: Kathy Vander Werff

Andrea Sprague-Getsy, Ph.D., Chemistry, December 2025
Exploring the Chemical and Biological Foundations of Protein Lipidation through Functional and Computational Studies
Advisor: James Houglan

Gal Stav, Ph.D., Religion, May 2026
Moroccan Jewish Rites and Representation: Henna Ceremony in the Israeli Press
Advisor: Zachary Braiterman

Gina Arlene Stinnett, Ph.D., Composition and Cultural Rhetoric, December 2025
Policies of Pain: Neoliberal Rhetorics of the Opioid Epidemic in Culture and Policy
Advisor: Eileen Schell

Elina Ruiqi Sun, Ph.D., Social Psychology, May 2026
Perceived Partner Responsiveness as a Scaffold for Vulnerable Disclosures in Avoidantly Attached Relationships
Advisor: Brett Jakubiak

Amanda Surman, Ph.D., College Science Teaching, August 2025
Bridging Gaps in STEM: An Evaluation of a STEM Intervention Program and Its Impact on Degree Attainment and Career Pathways for Low-income Undergraduate Students
Advisors: John Tillotson and Jason Wiles

Sierra Thomas, Ph.D., Physics, December 2025

Machine-Learning Classification of Gamma-Producing Neutral Current Interactions in Liquid Argon from a Supernova Neutrino Burst

Advisor: Denver Whittington

Glenn Thompson, Ph.D., Earth Sciences, August 2025

Geochemical and Thermobarometric Constraints on Granite Crystallization

Advisor: Jay Thomas

Matthew R. Todd, Ph.D., Physics, May 2026

Thermal Aberrations and Optical Design for Current and Future Gravitational Wave Detectors

Advisor: Stefan Ballmer

Sabrina Marie Traver, Ph.D., Mathematics, May 2026

Global Invertibility of Sobolev Mappings and Energy Minimizers with Prescribed Jacobian

Advisor: Jani Onninen

Nazia Valiyakath, Ph.D., Mathematics, May 2026

Quasi-Einstein Metrics and Homogeneous Conformally Einstein Manifolds

Advisor: William Wylie

Jenna Marie Walmer, Ph.D., Social Psychology, May 2026

"I didn't get that vibe from others": Can Enlightenment About the Possibility of Pluralistic Ignorance Enable Confronting Prejudice?

Advisor: Leonard Newman

Cody Cliffdon Webb Jr., Ph.D., Chemistry, August 2025

Time-Resolved Crystallographic Analysis of the Mechanism of Formation of the MOF HKUST-1

Advisor: Karin Ruhlandt

Jin Zhao, Ph.D., Clinical Psychology, December 2025

Cultural Mistrust Framework of Mental Help-Seeking and Internalized Model Minority Myth

Advisor: Aesoon Park

Jixuan Zhao, Ph.D., Marriage and Family Therapy, May 2026

"Cutting-off with my family is never an option in my mind": An Exploration of Navigating Identity, Connections, and Relational Resilience in Family and Intimate Relationships for Transgender Asian Americans

Advisor: Deborah Coolhart

College of Law

Terence J. Lau, Dean

Mercy Renci Xie, S.J.D., Law, May 2026

The Impact of the U.N. Convention on the Rights of People with Disabilities on Education for Students with Disabilities in China: A Case of Non-Compliant Effectiveness with International Law

Advisor: Arlene Kanter

Ricardo Macedo De Britto Pereira, S.J.D., Law, May 2026

Systemic Employment Discrimination and Class Actions: The Extent of Structural Litigation in the United States and Brazil

Advisor: Antonio Gidi

College of Engineering and Computer Science

Jenny Ross, Interim Dean

DOCTORAL PRIZE WINNERS:

Jiajing Chen, Ph.D., Electrical and Computer Engineering

Yuwei Li, Ph.D., Mechanical and Aerospace Engineering

Ziyang Lu, Ph.D., Electrical and Computer Engineering

Pratik Raj Pandey, Ph.D., Mechanical and Aerospace Engineering

Miteshkumar Thakor, Ph.D., Mechanical and Aerospace Engineering

Ashok Thapa, Ph.D., Mechanical and Aerospace Engineering

Feng Wang, Ph.D., Electrical and Computer Engineering

Zifan Wang, Ph.D., Computer and Information Science and Engineering

Fnu Akshay, Ph.D., Computer and Information Science and Engineering, December 2025

Adaptive Generation in Evolutionary Robotics: From Adversarial Objects to Guided Optimization

Advisor: Garrett Katz

Nariman Al Amry, Ph.D., Civil and Environmental Engineering

Assessing Fluvial Flood Risk Changes Using an InSAR-updated Digital Elevation Model Post-Earthquake

Advisor: Elizabeth Carter

Frank Sicong Chen, Ph.D., Computer and Information Science and Engineering, June 2025

Enhancing Security and Healthcare through Continuous Monitoring on Wearable Devices

Advisor: Vir Phoha

Jiajing Chen, Ph.D., Electrical and Computer Engineering, December 2025

3D Point Cloud Analysis with Classification, Segmentation and Few-Shot Learning

Advisor: Senem Velipasalar Gursoy

Jiayu Ding, Ph.D., Mechanical and Aerospace Engineering, May 2026

Symmetries of Legged Locomotion: Theory and Applications in Animals and Robots

Advisor: Zhenyu Gan

Zachary J. Geffert, Ph.D., Bioengineering, December 2025

Manufacturing Multiscale Tissue Constructs Using Advanced Projection Stereolithography

Advisor: Pranav Soman

Zixin Jiang, Ph.D., Mechanical and Aerospace Engineering, May 2026

Agentic AI-enabled Physics-Informed Machine Learning Framework for Intelligent Building Modeling, Control, and Automation

Advisor: Bing Dong

Subodh Kalia, Ph.D., Computer and Information Science and Engineering, August 2025
Structural Design Using Parametric Modeling and Optimization Algorithms
Advisor: Chilukuri Mohan

Sawinder Kaur, Ph.D., Computer and Information Science and Engineering, December 2025
Balancing Robustness and Practicality in Model Compression, Personalization, and Healthcare Interventions
Advisor: Asif Salekin

Andy Kowalczewski, Ph.D., Bioengineering, May 2026
Integrative Approaches Using Artificial Intelligence for Advancing iPSC-derived Cardiac Modeling
Advisor: Zhen Ma

Hansheng Li, Ph.D., Mechanical and Aerospace Engineering
Rapid Synthesis and Processing of High-Capacity Layered Oxide Cathode Materials for Lithium and Sodium Batteries
Advisor: Quinn Qiao

Riliang Li, Ph.D., Civil Engineering, June 2025
Numerical Study on the Influence of Unbonded Reinforcement on Strengthened Reinforced Concrete Beams
Advisor: Riyadh Aboutaha

Yuewei Li, Ph.D., Mechanical and Aerospace Engineering, August 2025
A Hierarchical Control Framework for Assessing EV's Impact on Residential Energy Flexibility
Advisor: Bing Dong

Zeyang Liu, Ph.D., Mechanical and Aerospace Engineering, May 2026
Investigation of Reactive and Non-Reactive Diesel Exhaust Fluid Spray Characteristics
Advisor: Benjamin Akih-Kumgeh

Ziyang Lu, Ph.D., Electrical and Computer Engineering, June 2025
Dynamic Resource Allocation for Wireless Networks and Radar Systems via Deep Reinforcement Learning
Advisor: M. Cenk Gursoy

Ratnakshi Mandal, Ph.D., Chemical Engineering, May 2026
Development of Parch Hydrophathy Scale to Study Nucleic Acids, Nucleosomes, Chromatin Organization and Transmembrane Proteins
Advisor: Shikha Nangia

Anna-Blessing Oluchi Merife, Ph.D., Bioengineering, December 2025
Bone Multicellular Unit (BMU) on a Chip
Advisor: Pranav Soman

Pratik Raj Pandey, Ph.D., Mechanical and Aerospace Engineering, August 2025
Quantify the Impact of Occupant Behavior on Building Retrofits to Achieve Net-Zero Target Under Future Climates
Advisor: Bing Dong

Eloise Eyo Parry Nweye, Ph.D., Chemical Engineering, June 2025
Indoor Airborne Pathogen Transmission and Control: A Role of Environmental Factors and Material Properties
Advisor: Dacheng Ren

Arun Poudel, Ph.D., Bioengineering, December 2025
3D Single-Cell Circuits and Artificial Capillaries on a Chip
Advisor: Pranav Soman

Xuyang Qin, Ph.D., Chemical Engineering, May 2026
Investigation of Biomolecules and Soft Matter via Multiscale Modeling
Advisor: Shikha Nangia

Matthew Qualters, Ph.D., Mechanical and Aerospace Engineering, May 2026
On the Suppression of Vortex Shedding Within a Supersonic Dual-Stream Rectangular Nozzle
Advisor: Kasey Laurent

Madan Bahadur Saur, Ph.D., Mechanical and Aerospace Engineering
Compositional and Interface Engineering for Enhanced Electrochemical Performance and Stability of All-Solid-State Lithium Metal Batteries
Advisor: Quinn Qiao

Huaiyu Shi, Ph.D., Bioengineering, May 2026
Developing an Integrated Physiomics Analytical Platform to Establish a Human Cardiomyocyte Contractility Profile
Advisor: Zhen Ma

Zhiwen Sun, Ph.D., Civil Engineering, December 2025
Amphibious Foundation for Flood Hazard Mitigation
Advisor: Dawit Negussey

Naveed Tahir, Ph.D., Computer and Information Science and Engineering, May 2026
Constrained Neural Intelligence: Investigations Into Deep Multi-Objective Optimization
Advisor: Garrett Katz

Miteshkumar Thakor, Ph.D., Mechanical and Aerospace Engineering, August 2025
Resolvent-based and Data-driven Analysis of a Supersonic Rectangular Multistream Jet
Advisor: Yiyang Sun

Ashok Thapa, Ph.D., Mechanical and Aerospace Engineering, December 2025
Thermal Management Using Passive Oscillating Heat Pipes: Performance, Failure Limits, and Design Methodology
Advisor: Shalabh Maroo

John C Vining III, Ph.D., Computer and Information Science and Engineering, August 2025
A Model of Blind Quantum Diffusion
Advisor: Chilukuri Mohan

Feng Wang, Ph.D., Electrical and Computer Engineering, August 2025
Security and Privacy in Deep Learning and Dynamic Decision Making
Advisors: M. Cenk Gursoy and Senem Velipasalar Gursoy

Xinlu Wang, Ph.D., Chemical Engineering, August 2025
Calcium-Ion Transport in Gel and Solid Polymer Electrolytes: From Solvent-Solute Interactions to Molecular Simulations for Next-Generation Calcium Batteries
Advisor: Ian Hosein

Xuezheng Wang, Ph.D., Mechanical and Aerospace Engineering, May 2026
Scalable Advanced Control of Building HVAC Systems Using Physics-Informed Machine Learning
Advisor: Bing Dong

Yazheng Wang, Ph.D., Bioengineering, May 2026
Quantitative Characterization of Protein-Protein Interactions and Biomolecular Assembly Using Optical and Fluorescence Approaches
Advisor: Liviu Movileanu

Youchuan Wang, Ph.D., Computer and Information Science and Engineering, December 2025
Model Inference and Sparse Network Analysis: Machine Learning in the Gene Regulatory Network Framework
Advisors: Chilukuri Mohan and Garrett Katz

Zifan Wang, Ph.D., Computer and Information Science and Engineering, December 2025
Robust Security Assurance in Cyber-Physical Systems: From Attack Diagnosis to Attack Resilience
Advisors: Qinru Qiu and Fanxin Kong

Kun Wu, Ph.D., Computer and Information Science and Engineering, June 2025
Online and Offline Learning for Embodied AI in Autonomous Systems
Advisor: Qinru Qiu

Minmin Yang, Ph.D., Computer and Information Science and Engineering, June 2025
Data-Efficient 3D Deep Learning
Advisor: Senem Velipasalar Gursoy

Yuchen Zhang, Ph.D., Mechanical and Aerospace Engineering, June 2025
Nanoscale Mapping of Charge Carrier Dynamics in Photovoltaic or Optoelectronic Devices
Advisor: Quinn Qiao

Dong Zheng, Ph.D., Civil Engineering, August 2025
A Rational Approach to Analyze and Design Gusset Plates Using Truss Analogy
Advisor: Eric Lui

Rui Zuo, Ph.D., Computer and Information Science and Engineering, May 2026
Trustworthy Reinforcement Learning and Communication-Efficient Multi-Agent Systems
Advisor: Qinru Qiu

School of Education

Kelly Chandler-Olcott, Dean

DOCTORAL PRIZE WINNERS:

Jessica Fundalinski, Ph.D., Teaching and Curriculum

Yang Liu, Ph.D., Instructional Design, Development, and Evaluation

Meredith Snieckus, Ph.D., Counseling and Counselor Education

Ana Juliana Borja Armas, Ph.D., Cultural Foundations of Education, May 2026

Reimagining and Revealing Institutional Realities: A Meta-Methodological Study That Documents the Process of Co-Founding a Youth Participatory Action Research Project in an Immigrant-Serving Charter School in Queens, New York

Advisor: Mario Perez

Deborah Alane Cunningham, Ph.D., Teaching and Curriculum, May 2026

Cooperating Music Teachers and the edTPA: Negotiating the Demands of Mentoring Student Teachers in the Face of a State Mandated Performance-Based Assessment

Advisor: Elisa Dekaney

Erica Daniels, Ed.D., Educational Leadership, May 2026

Brushstrokes of Belonging: An Arts-based Approach to Heritage Language Sustainability Among Multilingual Youth

Advisor: Courtney Mauldin-Jones

Easton Davis, Ph.D., Cultural Foundations of Education, May 2026

Tempering the Body: An Exploration of Contemplative and Somatic Practices through Healing Circles for Black Educators

Advisor: Gretchen Lopez

Kate Franz, Ph.D., Literacy Education, May 2026

How Primary Grade Teachers Interpret and Respond to Writing Instruction in Core Literacy Programs

Advisor: Kelly Chandler-Olcott

Jessica Fundalinski, Ph.D., Teaching and Curriculum, May 2026

Transformative Simulations: Bridging Theory and Practice through Clinical Simulations

Advisor: Benjamin Dotger

Carrie Ingersoll-Wood, Ph.D., Teaching and Curriculum, May 2026

Breaking Ground: Educational Identity Formation Among First-Generation Students During the Transition to College

Advisor: Jeffery Mangram

Yang Liu, Ph.D., Instructional Design, Development, and Evaluation, May 2026

How Do Predefined Guidance Designs Support Preservice Teachers' Experiential Learning Achievements in Immersive Virtual Reality-Enhanced Environments?

Advisor: Jing Lei

Fasika Minda Melese, Ph.D., Instructional Design, Development, and Evaluation, May 2026
Integrating Generative AI in Lesson Planning: Future Educators' Intelligent TPACK Development and Ethical Perceptions
Advisor: Jing Lei

William N. Myhill, Ph.D., Cultural Foundations of Education, December 2025
Dysconscious Ableism in the Public Library: Advancing Disabled Patrons and Staff Experiences Toward More Inclusive Programs and Services
Advisor: Alan Foley

Sara Petit-McClure, Ph.D., Special Education, May 2026
"It makes me wonder: How can we build truly inclusive, co-taught environments that support every student, not just those with more easily accommodated needs?": Preservice Teachers' Self-Perceptions of Preparedness for Working with Diverse Learners
Advisor: Christine Ashby

Paula Possenti-Perez, Ph.D., Higher Postsecondary Education, May 2026
Examining How Disability Resource Professionals in Higher Education Enact Whiteness in Maintaining Power and Privileged Structures
Advisor: Cathy Engstrom

Treasa Praino, Ph.D., Special Education, May 2026
De-Homogenizing Inclusive Education in South Africa: How Local Onto-Epistemological Framings of Dis/Ability, Smartness, and "Successful" Inclusive Education Inform Culturally Sustaining Inclusion Practices
Advisor: Beth Ferri

Meredith Snieckus, Ph.D., Counseling and Counselor Education, August 2025
Exploring the Mediating Role of Autonomous Motivation Between Basic Psychological Needs and Burnout Among Counselors-in-Training
Advisor: Yanhong Liu

Qi Wu, Ph.D., Instructional Design, Development, and Evaluation, December 2024
Effects of Self-Determination Theory (SDT)-based Instructional Strategies on Learner Engagement in Asynchronous Online Discussions (AODs)
Advisor: Moon-Heum Cho

School of Information Studies

Jeff Hemsley, Interim Dean

DOCTORAL PRIZE WINNER:

Pyeonghwa Kim, Ph.D., Information Science and Technology

Kadidra Hurst, D.P.S., Information Management, May 2026

Metaphors in Agile Discourse: A Corpus-Based Analysis of the Agile Manifesto and the Scrum Guide

Advisor: Steven Sawyer

Kelly Campbell, D.P.S., Information Management, May 2026

Navigating Course Registration: An Examination of Information Seeking Behavior Among Generation Z Undergraduates

Advisor: John Jordan

Jeongbae Choi, Ph.D., Information Science and Technology, May 2026

'Realizing' Information Literacy: A Philosophical Argument

Advisor: Jasmina Tacheva

Carlota Deseda-Coon, D.P.S., Information Management, May 2026

The Impact of Cultural Wealth on the Information Experiences of Latine First-Generation College Students

Advisors: Beth Patin and John Jordan

Yiran Duan, Ph.D., Information Science and Technology, June 2025

Curating Climate Change: Information Flows Across and Within Social Media Platforms

Advisor: Jeff Hemsley

Michael Fudge, D.P.S., Information Management, May 2026

Help-Seeking Behaviors in Artificial Intelligence - Mediated Programming: Impacts on Performance and Computational Literacy

Advisor: Bei Yu

Duayne Green, D.P.S., Information Management, May 2026

Translating Marine Corps Learning Doctrine Into Practice: Alignment Between Data Systems Training and Fleet Operations

Advisor: John Jordan

Katherine Hurtado-da Silva, D.P.S., Information Management, December 2025

LLM-Supported Knowledge Work: The Mediating Role of Perceived Anthropomorphism

Advisor: Jaime Banks

Pyeonghwa Kim, Ph.D., Information Science and Technology, August 2025

The Many Futures of Work and Skill: Gender and Occupational Influences on Online Freelancers' Skilling Experiences in Platform Work

Advisor: Steven Sawyer

Sucheta Lahiri, Ph.D., Information Science and Technology, August 2025
Risks of Data Science Project Failure: Articulation, Legitimization, and Power Struggles
Advisor: Jeffrey Saltz

Lizhen Liang, Ph.D., Information Science and Technology, June 2025
Investigating the Topic, Impact, and Resource Gap Between Academia and Industry in the Field of Artificial Intelligence
Advisor: Bei Yu

Nick Loghmani, D.P.S., Information Management, December 2025
Operational Context's Impact on Cockpit Behavior: Case Studies in Aviation
Advisors: John Jordan and Stephen Wallace

Chris LoRusso, D.P.S., Information Management, August 2025
Technological Revolutions and Advertising: Historical Innovation Cycles, AI, and the Future of Platform Power
Advisor: John Jordan

Jean Philippe Rancy, Ph.D., Information Science and Technology, June 2025
Advancing Situation Awareness in Safety-Critical Systems: The Role of Multi-Modal Wearable Augmented Reality
Advisor: Steven Sawyer

Ehsan Sabaghian, Ph.D., Information Science and Technology, August 2025
Theorizing Technology Integration: The Case of Smart Grid Technologies at Electrical Utilities in the United States
Advisor: Jason Dedrick

Rachel Elizabeth Vassel, D.P.S., Information Management, May 2026
Identity-Based Philanthropy in Higher Education: Investigating the Information Contexts of Black Greek Letter Organization Collective Giving
Advisors: Laverne Gray and John Jordan

Sarah Williams, D.P.S., Information Management, May 2026
How Institutions of Higher Education Leverage Information Technology to Navigate in a Dynamic Environment: The Case of Alternative Credentials
Advisor: Arthur Thomas

Martin J. Whitman School of Management

Alex McKelvie, Interim Dean

DOCTORAL PRIZE WINNER:

Mi “Kelly” Hoang Tran, Ph.D., Business Administration

Jaihyun Jeon, Ph.D., Business Administration, May 2026

Financial Outcomes of Digital Marketing

Advisor: Guiyang Xiong

Mi “Kelly” Hoang Tran, Ph.D., Business Administration, August 2025

The Impact of ADHD on Entrepreneurship through a Gender Lens Three Essays

Advisor: Johan Wiklund

Haoran Yu, Ph.D., Business Administration, June 2025

Consumers’ Choice Models for Food and Beverage Businesses

Advisor: Burak Kazaz

Maxwell School of Citizenship and Public Affairs

David M. Van Slyke, Dean

DOCTORAL PRIZE WINNERS:

Semaj Campbell-Blakes, Ph.D., History

Brandon Charles, Ph.D., Public Administration

Nicholas Croce, Ph.D., Social Science

Nicole Yeannine Moller Gonzalez, Ph.D., Geography

Jay Sharma, Ph.D., Anthropology

Alice Timken, Ph.D., Political Science

Lucia Torres Frasele, Ph.D., Economics

Jinpu Wang, Ph.D., Sociology

Elvis Avdic, Ph.D., Social Science, June 2025

Lives and Dreams: A Study of the Entrepreneurial Journeys of Bosnian Immigrants in the Startup World

Advisors: Azra Hromadžić and Mirza Tihic

Roseanna Benser, Ph.D., Sociology, May 2026

"I Just Wanted to Help": Certified Recovery Peer Advocates and Disconnected Labor

Advisor: Gretchen Purser

Selene Cammer-Bechtold, Ph.D., Sociology, August 2025

An Examination of the Opt Out Movement in New York State

Advisor: Amy Lutz

Semaj Campbell-Blakes, Ph.D., History, May 2026

A City's Neglectful Past: Young Black Mothers and the Creation of a Reproductive Health Crisis in the Urban North 1900 - 2005

Advisors: Andrew Cohen and Gladys McCormick

Devin Caramma, Ph.D., Political Science, May 2026

Three Essays on Trust in American Society

Advisor: Shana Gadarian

Chad Chambers, Ph.D., Geography, June 2025

Landowners and Class Struggle: Life, Law and the Social Rent Relation in North Dakota

Advisor: Matt Huber

Brandon Charles, Ph.D., Public Administration, May 2026

Three Essays on Governing the Energy Transition at the State and Local Levels

Advisor: Peter Wilcoxon

Ananda Collins, Ph.D., Political Science, May 2026

Talking From the Soul: Exploring the Impact of African American Vernacular English (AAVE) in Digital News on Black Youth Political Behavior

Advisors: Shana Gadarian and Jenn M. Jackson

Nicholas Croce, Ph.D., Social Science, June 2025

Hospitals of Industry: New York's Progressive Era Labor Colonies

Advisor: Gretchen Purser

Amir Durić, Ph.D., Social Science, May 2026

Belonging, Identity, and Agency: A Qualitative Study of Muslim Students in U.S. Higher Education

Advisor: Prema Kurien

Cassie Dutton, Ph.D., Sociology, August 2025

Place, Policy, Power: New and Continuous Destinations and the Influence of State-level Policy on Immigrant Outcomes

Advisors: Amy Lutz and Rebecca Schewe

Curtis Kelton Edmonds, Ph.D., Political Science, May 2026

Sister Support: Congressional Bonding Activities Among Black Women in the House of Representatives

Advisor: Chris Faricy

Shanel Khaliq, Ph.D., Sociology, August 2025

Mobility at the Margins: Insights Into Gender, Class, and Climate Change in Islamabad's Transit Spaces

Advisor: Rebecca Schewe

Hyojeong Kim, Ph.D., Public Administration, December 2025

Three Essays on the Supplemental Nutrition Assistance Program (SNAP): Examining External Shocks, Protective Effects, and Administrative Challenges

Advisor: Colleen Heflin

Huseyin Zeyd Koytak, Ph.D., Sociology, August 2025

Race, Space, Taste in the Postwar U.S.: Three Independent Studies on Urban Restaurants in Syracuse, New York

Advisor: Edwin Ackerman

Yooumi Lee, Ph.D., Social Science, August 2025

Widowhood, Health, and Depression: Intergenerational Relationships, Social Support, and Psychological Well-being Among Korean Older Adults

Advisor: Janet Wilmoth

Melissa Lopoo, Ph.D., Social Science, May 2026

The Professionalization Paradox: Labor Demands Without Worker Protections in College Football

Advisor: Gretchen Purser

Katherine MacDonald, Ph.D., Geography, June 2025

Cultivating Post-Soviet Gardens: Seed Saving and the Household Plot in Rural Tajikistan

Advisor: Thomas Perreault

Pedram Maghsoud-Nia, Ph.D., Political Science, June 2025

Unwanted Leviathan: The Modern Iranian State and Its Transformations

Advisor: Brian Taylor

Michael McCall, Ph.D., Political Science, May 2026

Co-Evolutionary Networks in International Relations

Advisor: Ryan Griffiths

Nicole Yeannine Moller Gonzalez, Ph.D., Geography, December 2025

Building Bridges: Industrial Trade Unions in a Changing Climate

Advisors: Tod Rutherford and Matt Huber

Amber Morris, Ph.D., Political Science, May 2026

Subversive Order: Gendered Institutions, Gang Networks, and Survival in American Women's Prisons

Advisor: Jenn M. Jackson

Nicholas Augustus Oesterling, Ph.D., Public Administration, May 2026

Examining the Formation, Participation Dynamics, and Leadership of Cross-Sectoral and Intergovernmental Networks for Collaborative Watershed Management

Advisor: Saba Siddiki

Ivy Alexandra Raines, Ph.D., Political Science, May 2026

Preserving the Family in the Globalized Era: Explaining State Discouragement of Women's Rights and the Gap Between Law and Family Realities in Tajikistan

Advisor: Yuksel Sezgin

Raza Habib Raja, Ph.D., Political Science, August 2025

State Nationalism, Islamic Movements, and Islamist Parties: Exploring the Linkages

Advisor: Brian Taylor

Samuel Saltmarsh, Ph.D., Economics, December 2025

Essays on Housing Choices, Neighborhood Quality, and Urban Blight

Advisor: Alexander Rothenberg

Dustin Satterfield, Ph.D., Sociology

That Has Been My Entire Life of Being Invalidated, LGBTQ+ and Poor: Experiences of Cis-Heteronormativity and Neoliberal Poverty Governance From Upstate New York Cities

Advisor: Rebecca Schewe

Zhuoran Shang, Ph.D., Economics, June 2025

The Effect of Bike Lanes on Commuting Patterns and Non-Commuting Perspectives in Cities

Advisor: Alexander Rothenberg

Jay Sharma, Ph.D., Anthropology, August 2025

Negotiating Development: Adivasi Resistance, State Developmentalism, and the Making of Lesser Citizens in Jharkhand, India

Advisors: Azra Hromadžić and Susan S. Wadley

Jenna Sikka, Ph.D., Sociology, June 2025

Belonging, Identity, and Reintegration in India: Two Generations of US Women Return Migrants

Advisor: Prema Kurien

Nilesh Sinha, Ph.D., Political Science, June 2025

Bench Strength: How Powerful Are Supreme Courts in Common Law Countries Really?

Advisor: Keith Bybee

Sarah Souders, Ph.D., Public Administration, June 2025

Three Essays on Education Finance and Policy: Public-Private Funding Dynamics and Grade 3 Retention Threat Effects

Advisor: Robert Bifulco Jr.

Sarah Stegeman, Ph.D., History, August 2025

Becoming Americo-Liberian: African American Women, Culture, and the Creation of Liberia, 1840-1912

Advisor: Carol Faulkner

Nimisha Thakur, Ph.D., Anthropology, December 2025

River Song: Riverine Ethics and Autonomy on the Brahmaputra Floodplains

Advisors: Mona Bhan and Susan S. Wadley

Alice Timken, Ph.D., Political Science, May 2026

High Courts During Democratic Decline

Advisor: Thomas Keck

Mauricio Torres, Ph.D., Sociology, June 2025

Leaning In: Diversity, Dialogue, and Whiteness at a Quaker Independent School

Advisor: Prema Kurien

Lucia Torres Frasele, Ph.D., Economics, August 2025

Essays on the Health and Labor Market Effects of Menopause and Menopause Hormone Therapy

Advisor: Gary Engelhardt

Alex Vazquez, Ph.D., History, May 2026

As Seen on TV: Growing Influence of Latinidad in the United States

Advisor: Gladys McCormick

Jinpu Wang, Ph.D., Sociology, August 2025

Living in a Mirage of the "Birdcage": Chinese Emigrants in Ghana

Advisor: Prema Kurien

Joonsik Yoon, Ph.D., Social Science, December 2025

Transnational Imagination: Generational Ties, Filial Piety, and Caregiving Across Borders Among Korean Migrant Families

Advisor: Merrill Silverstein

Ning Zhan, Ph.D., Sociology, August 2025

Mental Illness Between Systems and Relations: Depression, Bipolar Disorder, and Anxiety in Modern China

Advisor: Yingyi Ma

S.I. Newhouse School of Public Communications

Mark J. Lodato, Dean

Tiara Johnson, Ph.D., Mass Communications, May 2026

Who Really Cares: A Critical Textual Analysis of Television Portrayals of the Fictional “Black Lady Therapist” Post-Pandemic

Advisor: Anne Osborne

Heejae Lee, Ph.D., Mass Communications, June 2025

In Belief, They Thrive: Comparative Studies Examining the Moderating Role of Machine Heuristic in the Perceived Authenticity and Credibility of Virtual and Human Influencers in Product Advertising and Charitable Campaigns

Advisor: T. Makana Chock

Jocelyn McKinnon-Crowley, Ph.D., Mass Communications, May 2026

Rural Nonprofit Newswork and Newswriters

Advisor: Keren Henderson

Amanda Qi Ni, Ph.D., Mass Communications, May 2026

Culturally Responsive Communication Beyond Cultural Essentialism? Language Access, Community-based Outreach, and Law Enforcement Encounters in Domestic Violence Organizations’ Communication Strategies for Asian Women Survivors in the U.S.

Advisor: Carol Liebler

David Peters, Ph.D., Mass Communications, December 2025

Virtually Present in the Vastness: VR’s Pathway to Awe and Appreciation

Advisors: T. Makana Chock and Carol Liebler

Ryan Wen, Ph.D., Mass Communications, August 2025

Unraveling the Intricacies Behind the Spread of Health Misinformation

Advisor: Carol Liebler

David B. Falk College of Sport

Jeremy Jordan, Dean

DOCTORAL PRIZE WINNER:

Wonhee Cho, Ph.D., Exercise Science

Wonhee Cho, Ph.D., Exercise Science, August 2025

Development, Validation, and Applicability of a Race-Specific Insulin Sensitivity Estimator (RISE) in Youth and Young Adults

Advisor: Joon Young Kim

Lainie Glasgow, Ph.D., Exercise Science, August 2025

Subclinical Cardiometabolic Disease Risk in Adults with Autonomic Nervous System Dysfunction

Advisor: Joon Young Kim

Andrew Rodriguez Heckel, Ph.D., Exercise Science, August 2025

Mental Health, Physical Activity, and Cardiovascular Disease Risk in International Migrant Populations

Advisor: Joon Young Kim

Claire Smith, Ph.D., Exercise Science, May 2026

Sensorimotor Factors in Fall Risk Assessment and Prevention in Older Adults

Advisor: Jason DeFreitas

Alma Mater

WHERE THE VALE OF ONONDAGA
MEETS THE EASTERN SKY
PROUDLY STANDS OUR ALMA MATER
ON HER HILLTOP HIGH.
FLAG WE LOVE! ORANGE! FLOAT FOR AYE,
OLD SYRACUSE, O'ER THEE.
LOYAL BE THY SONS AND DAUGHTERS
TO THY MEMORY.

-Junius W. Stevens, Class of 1895

