

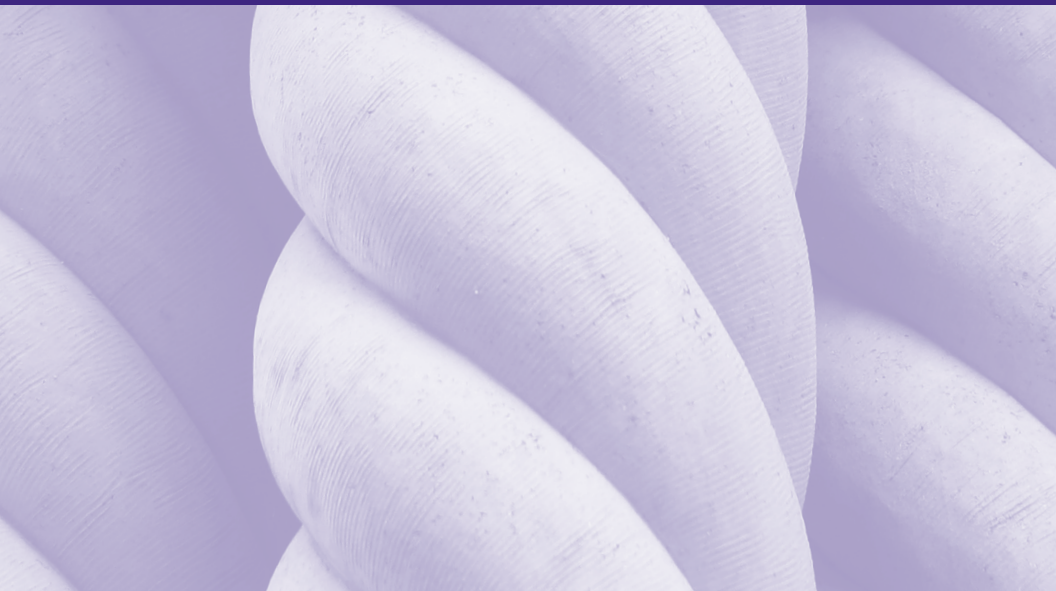


Northwestern | THE GRADUATE SCHOOL

TWENTY-FOURTH ANNUAL  
**PhD AND MFA**  
**HOODING CEREMONY**

2 P.M., FRIDAY, JUNE 13, 2025

RYAN FIELDHOUSE



## CONFERRING THE ACADEMIC HOOD

At its heart, the commencement ceremony serves as a moment of public acknowledgment and celebration of growth, learning, mastery, and transition. In this way it evokes secular and sacred rites of passage from a myriad of religious, cultural, and national traditions.

The change in our graduates' status as they complete their degrees is a momentous one. As their teachers, families, and wider community of supporters, we gather to recognize what they have already accomplished and to joyfully share a collective sense of their great promise and possibility.

Over the centuries, as academic garb has come to denote educational status, universities have prescribed specific details for the dress of each scholarly rank and discipline. Hood styles, particularly, serve to identify the type of degree being conferred, differing in length and in color of lining and trim by degree, school, and faculty.

The Graduate School hooding ceremony thus draws upon a multitude of traditions with a contemporary interpretation of the hood and conferment of the degree. The hood itself symbolizes the continuity of learning fundamental to the concept of the university; its personal conferment symbolizes the academic mentors' admission of their students to the ranks of academe.

# PROGRAM

## PROCESSIONAL

*The audience will please remain seated.*

## WELCOME

Kelly E. Mayo

Dean of The Graduate School

Associate Provost for Graduate Education

## REMARKS AND CHARGE TO GRADUATES

Kelly E. Mayo

## HOODING OF CANDIDATES

*Candidate names read by*

Maureen Moran

Assistant Professor of Preventive Medicine (Epidemiology),

Feinberg School of Medicine

Heather Pinkett

Professor of Molecular Biosciences,

Weinberg College of Arts and Sciences

## PRESENTATION OF NEW MEMBERS OF THE ACADEMIC COMMUNITY

Kelly E. Mayo

## RECESSIONAL

*The audience will please remain seated.*

*A professional photographer will take pictures of all graduates as they cross the stage.*

*Guests are respectfully requested not to use flashes and not to stand in the aisles at any time.*

*After the ceremony, graduates and guests are invited to enjoy light refreshments outdoors.*

*Smoking is not permitted indoors or near entrances outdoors.*

*Thank you for your cooperation.*

# GRADUATE DEGREES

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## DOCTOR OF PHILOSOPHY

### ACCOUNTING INFORMATION AND MANAGEMENT

**Hyunjin Kim.** *Learning from Unexpected Primary Corporate Bond Demand: Effects on Bank Loan Contracting*; Sugata Roychowdhury, adviser.

**Sangwook Nam.** *Do Customer Disclosures Affect Suppliers' Internal Capital Allocation Decisions?*; Sugata Roychowdhury, adviser.

### ANTHROPOLOGY

**Sofyan Ansori.** *Fire Play: Fire Governance and Indigenous Responses in Indonesia*; Robert Launay, adviser.

**Austin Bryan.** *Global Medical Apartheid: Let Die, Contain, and Make Live Through HIV in Uganda*; Adia Benton, adviser.

**Kyle Craig.** *This City Is So Empty: Street Art, Youth, and Urban Futures in Amman, Jordan*; Jessica Winegar, adviser.

**Paula D'Almeida Maia.** *The Outside Within: Scaling the Biocultural Biochemistry of Food Systems, Dietary Practices, and the Gut Microbiome*; Katherine Amato, adviser.

**Kaelin Rapport.** *Mobile Confinement: Criminal Justice Reform, Community Supervision, and Carceral Transformations in Milwaukee, Wisconsin*; Adia Benton, adviser.

**Aaron Schoenfeldt.** *Victims Without Perpetrators: The Making of White Innocence in the Wake of the 1921 Tulsa Race Massacre*; Shalini Shankar, adviser.

**Mariam Taher.** *In the Shadow of Territory: Gendered Mobilities in Siwa, Egypt*; Jessica Winegar, adviser.

### APPLIED PHYSICS

**Yiping Wang.** *Novel Methods in Laser Optics and Atom Optics for Long-Baseline Atom Interferometry*; Tim Kovachy, adviser.

### ART HISTORY

**Caitlin DiMartino.** *Resplendent Darkness: Black Madonnas and the Making of Race in France and Spain, 1550–1750*; Christina Normore, adviser.

**Sarah Estrela.** *Diffraction Future Fictions: Visual Resistance in the Portuguese African Liberation Struggles, 1961–1974*; Huey Copeland and Christina Kiaer, advisers.

### ASTRONOMY

**Monica Gallegos Garcia.**<sup>‡</sup> *Gaining Insights into the Formation of Binary Black Hole Mergers: Toward a New Era of Binary Evolution*; Vicky Kalogera, adviser.

**Aretaios Lalakos.** *Bridging the Bondi to Event Horizon Scales in GRMHD: Jet Feedback Effects on Global Dynamics*; Sasha Tchekhovskoy, adviser.

**Dennis Lee.** *Interstellar Dust Polarimetry Through Far Infrared Observations and Millimeter Wavelength Instrument Development*; Giles Novak, adviser.

**Anya Nugent.** *Deciphering the Origins of the Universe's Most Fantastic Explosions with State-of-the-Art Environmental Studies*; Wen-fai Fong, adviser.

**Genevieve Schroeder.** *Utilizing Radio Observations of Gamma-Ray Bursts to Understand Their Central Engines and Environments*; Wen-fai Fong, adviser.

### INTERDISCIPLINARY BIOLOGICAL SCIENCES

**Stephanie Droll.** *Epidermal Homeostasis Requires H2A.Z and SRCAP for Progenitor Self-Renewal and CASZ1 for Terminal Differentiation*; Xiaomin Bao, adviser.

**Tiffany Ge.** *Mechanistic Insights into Positioning Active Genes at the Nuclear Pore Complex*; Jason Brickner, adviser.

<sup>‡</sup>Northwestern University Presidential Fellow

**Katherine Lo.** *Molecular Regulators of Eye Regeneration in Planaria*; Christian Petersen, adviser.

**Juhi Narula.** *Multiple Roles of PLK-1 in Ensuring Faithful Acentrosomal Meiosis in C. elegans Oocytes*; Sadie Wignall, adviser.

**Brett Palmero.** *Determining the Benefits of Encapsulating Metabolic Pathways in a Bacterial Microcompartment*; Danielle Tullman-Ercek, adviser.

**Omar Payán Parra.** *Transcriptional Regulation Through Enhancer-Mediated Compartmentalization of Long Genes in the Brain*; Yue Yang, adviser.

**Reese Richardson.** *Metascientific Studies in Reproducibility, Bias, and Fraud*; Luís A. Nunes Amaral, adviser.

**Sara Rigney.** *The Role of Kruppel-Like Factors in the Regulation of Pluripotency and Neural Crest Stem Cells*; Carole LaBonne, adviser.

**Nicolas Scrutton Alvarado.** *Characterization of a Novel Heterochromatin-Associated Gene-Dense Subcompartment in the Mouse Cerebellum*; Yue Yang, adviser.

**Frank Tucci.** *Investigation of Methane and Ammonia Monooxygenases in Native Membranes*; Amy C. Rosenzweig, adviser.

**Bingxian Xu.** *Statistical and Network Analysis of Circadian Transcriptomic Time Series*; Rosemary Braun, adviser.

## BLACK STUDIES

**Nnaemeka Ekwelum.** *Notes on Collaborative Friendship*; kihana m. ross, adviser.

**Christopher Montague.** *Black Anticolonial Visions: The Challenge of Self-Determination During Decolonization, 1938–1962*; Sherwin K. Bryant, adviser.

## CHEMISTRY

**Ananya Basu.**<sup>‡</sup> *Expanding the Toolbox of E3 Ligases for Targeted Protein Degradation*; Xiaoyu Zhang, adviser.

**Paige Brown.** *Optical Characterization of Charge Transfer Dynamics in Photoexcited Organic Donor-Acceptor Systems*; Michael Wasielewski, adviser.

**Arnold Chan.** *Structural Dynamics of Biological Macromolecules Revealed by Time-Resolved X-Ray Scattering and Molecular Dynamics Simulations*; Lin X. Chen, adviser.

**Caitlin Coplan.** *Tailoring Noble Metal and Highly Doped Semiconductor Nanoparticles for Novel Response*; Richard Daniel Schaller, adviser.

**Kira Fahy.** *Adsorbate Interactions in Metal-Organic Frameworks: Mechanistic and Thermodynamic Insights for Applications from Energy to Defense*; Omar K. Farha, adviser.

**Brayley Gattis.** *Proteomimetic Polymer Therapeutics for Oncological and Immunological Targets*; Nathan Gianneschi, adviser.

**Jonah Greenberg.** *Accuracy-Speed Tradeoffs in Algorithmic Tile Assembly and the Role of Transient Defects*; Todd Gingrich, adviser.

**Zhenyu Han.** *Reprogramming Protein-Protein Interactions with DNA*; Chad A. Mirkin, adviser.

**Christina Hemmingsen.** *Neutrons, Networks, and Nanomaterials: Molecular Engineering Across Length Scales*; Julia Kalow, adviser.

**Oscar Huang.** *Investigating Quantum Mechanical Properties in a Few Spin Chemical Systems*; Michael Wasielewski, adviser.

**Xinyi Lin.** *Peptide Amphiphiles as a Supramolecular and Biomimetic Platform for Tissue Regeneration*; Samuel Stupp, adviser.

**Max Meirou.** *Modeling Polymer Adsorption and Cleavage for Plastics Upcycling*; Erik Luijten, adviser.

**Adam Nijhawan.** *Modeling Dynamics and Conformational Ensembles of Biological Macromolecules with Time-Resolved X-Ray Scattering and Molecular Simulations*; Lin X. Chen, adviser.

**James O'Connor.** *Investigating the Underlying Factors of Excited-State Dynamics in Model Organic Chromophore Systems Using Ultrafast Spectroscopy*; Michael Wasielewski, adviser.

**Ian Pierce.** *Incorporating Dynamic Bonds for Tunable and Degradable Thermosets*; Julia Kalow, adviser.

<sup>‡</sup>Northwestern University Presidential Fellow

Fanrui Sha. *Metal-Organic Frameworks as Nanoporous Host Materials for Proteins: From Host-Guest Interactions to Biocatalysis*; Omar K. Farha, adviser.

Xiaodi Wang.\* *Design of Photo-Responsive Molecules and Study of Loops in Dynamic Covalent Networks*; Julia Kalow, adviser.

Nicholas Weingartz. *Exploring the Interplay of Structure and Electronic Dynamics in Bimetallic Platinum Complexes*; Lin X. Chen, adviser.

Malik Williams. *Investigating Charge Transfer and Triplet Exciton Formation in Organic Single Crystals and Donor-Acceptor Cocrystals*; Michael Wasielewski, adviser.

#### CLINICAL PSYCHOLOGY

Elizabeth Adkins. *Evaluation of Text Message Engagement Support of Two Mindfulness Smartphone Applications*; Jason Washburn, adviser.

John-Christopher Finley. *Traumatic Brain Injury, Neuropsychological Functioning, and Risk for Involvement in Community Violence*; Michael Brook, adviser.

Melanie Freedman. *A Mixed Methods Evaluation of a Tailored, Six-Week, Online, Group-Based Positive Psychological Intervention for Bereaved Older Adults*; Judith Moskowitz, adviser.

Janna Guilfoyle. *Understanding Social Communication Differences in Autism: A Family Study of Neural and Sensorimotor Mechanisms*; Molly Losh, adviser.

Ashley Heywood. *In Vivo Structural Relationships of Postmortem Neurodegenerative Disease*; Jim Reilly and Lei Wang, advisers.

Kyle Jozsa. *Longitudinal Associations Among Hookup/Dating App Use, Negative Affect, and HIV Risk Behavior Among Young Sexual Minority Men: A Daily-Diary Study*; Michael E. Newcomb, adviser.

Rachel Keszycki. *Neuropsychiatric Symptoms in Frontotemporal Lobar Degeneration with Tauopathy and the Pathogenic Landscape of the Amygdala*; Tamar Gefen, adviser.

Emily Landau. *A Multimethod Study to Define the Female Pragmatic Profile of Autism*; Molly Losh, adviser.

Sophia W. Light. *Promoting Brain Health Literacy During Midlife Among Hispanic/Latino Adults*; Michael Wolf, adviser.

#### COMMUNICATION SCIENCES AND DISORDERS

Brianne Chiappetta. *The Relation Between Musical Training and Connectivity of the Sentence Processing Network in Healthy and Aphasic Adults*; Cynthia K. Thompson, adviser.

Matias Fernandez-Duque. *The Effects of Dual-Language Experience on Memory and Creativity*; Viorica Marian, adviser.

Hannah Fipp-Rosenfield. *Autistic Children's Disruptive Behavior: Understanding Developmental Profiles and Early Intervention Practices*; Megan Roberts, adviser.

Kahla Graham. *Swallowing Impairment, Airway Invasion, and Respiratory-Swallow Coordination in Lung Transplantation*; Bonnie Martin-Harris, adviser.

Jordan Lee. *Principles, Priorities, and Practical Tools for Community-Engaged Early Intervention Autism Research: Outputs of a Community-Engaged Project*; Megan Roberts, adviser.

Julia Nikolaeva. *Growth Trajectories of Expressive Vocabulary Size in Toddlerhood: A Comparison of Late Talker Status and Vocabulary Growth Phenotype in Predicting Later Language*; Elizabeth Norton, adviser.

Matthew Zellner. *Exploring the Impact of Geographic and Community Factors on Access to Part C Early Intervention and Autism Diagnosis: An Investigation Using Secondary Datasets*; Megan Y. Roberts, adviser.

\*Degree awarded 2020–21

## COMMUNICATION STUDIES

**Bailey Flynn.** *Rape, the State, and Alternative Visions of Justice: Investigating a Feminist Public Health Project*; Moya Bailey, adviser.

## COMPARATIVE LITERARY STUDIES

**Carly Bortman.** *Reading Dreams as Expressions of Modern Jewish Identity in the Literary Works of Heinrich Heine and Theodor Herzl*; Peter Fenves, adviser.

**Mauricio Oportus Preller.** *Juridical Fictions: Literary Representations of the Law in Modern Latin American Culture*; Alejandra Uslenghi, adviser.

## ECONOMICS

**Jose Alvarado Onell.** *Essays on Tax Policies and Wealth Inequality*; Martin Eichenbaum, adviser.

**Juan Felipe Berrutti Rampa.** *Essays on Industrial Organization*; Igal Hendel, adviser.

**Michael Cai.** *Essays in Heterogeneous-Agent Macroeconomics*; Matthias Doepke, adviser.

**Kwok Yan Chiu.** *Essays on Heterogeneity and Macroeconomics*; Matthias Doepke, adviser.

**Devis Decet.** *Essays in Development Economics*; Christopher Udry, adviser.

**Anastasiia Evdokimova.** *Essays on Healthcare Markets: Information and Public Policy*; David Dranove, adviser.

**Yijun Liu.** *Essays on Mechanism Design*; Jeffrey Ely and Alessandro Pavan, advisers.

**Ryunosuke Matsuura.** *Essays in Development Economics and Political Economy*; Christopher Udry, adviser.

**Laura Murphy.** *Essays in Macroeconomics*; Martin Eichenbaum, adviser.

**Filip Obradović.** *Essays in Identification and Inference*; Ivan Canay and Charles Manski, advisers.

**Giovanni PISAURO.** *Essays in Health Economics*; David Dranove, adviser.

**Miguel Santana.** *Essays in Macroeconomics*; Sergio Rebelo, adviser.

**Giovanni Sciacovelli.** *Essays in Macroeconomics with Heterogeneous Agents*; Martin Eichenbaum and Giorgio Primiceri, advisers.

**Amilcar Velez Salamanca.** *Essays in Econometrics*; Federico Bugni and Ivan Canay, advisers.

**Jin Yang.** *Essays on Empirical Industrial Organization*; Robert Porter, adviser.

**Tomer Yehoshua-Sandak.** *Essays in Information Economics*; Alessandro Pavan, adviser.

**Hans Zhu.** *Essays in Industrial Organization and Their Applications to Nursing Home and Digital Entertainment Markets*; Robert Porter, adviser.

## ENGLISH

**Elena Bellaart.** *Home Made: The Uses of Domesticity in Nineteenth-Century American Women's Writing*; Julia Stern, adviser.

**Kaitlin Browne.** *The Mark of Baptism: Character, Kinship, and Race-Thinking in Fourteenth-Century Romance*; Susan Phillips, adviser.

**Jennifer Comerford.** *Touching Stories: Hands, Orientation, and Responsibility in Eighteenth-Century British Literature*; Helen Thompson, adviser.

**Adam Syvertsen.** *A Light from Nowhere: Utopian Fiction and Politics in the Atlantic World, 1802–1859*; Vivasvan Soni and Julia Stern, advisers.

**Tyler Talbott.** *Plotting Ethnonationalism: Race and Novel Theories of the Nation Since the Victorians*; Rebecca Johnson, adviser.

**Olivia Lingyi Xu.** *Multilingualism of the Other: Writing the Novel in Translation East and West, 1818–1910*; Rebecca Johnson, adviser.

**Anna Zalokostas.** *Object Lessons: Free Trade, Race, and the Literature of Globalization*; Harris Feinsod, adviser.



## FINANCE

**Matheus Sampaio.** *Essays in Financial Intermediation*; Dean Karlan, adviser.

**Brandon Zborowski.** *Essays in Financial Intermediation*; Gregor Matvos, adviser.

## FRENCH AND FRANCOPHONE STUDIES

**Raja Ben Hammed.** *Chance and Necessity in the Francophone Novel*; Nasrin Qader, adviser.

## HEALTH SCIENCES INTEGRATED PhD

**Angela Freeman.** *Mental Health Equity in HIV Care: Access, Outcomes, and Determinants*; Judith T. Moskowitz, adviser.

**Alexandra Harris.** *The Effect of Hospital-Physician Vertical Integration on Costs, Quality, and Utilization for Insured Patients with Multiple Chronic Conditions*; Neil Jordan, adviser.

**Yikuan Li.** *Using Multimodal, Multinational, and Multisite Data to Advance Heart Failure Prediction*; Yuan Luo, adviser.

**Yuyang Yang.** *Methods and Applications of Electronic Health Record Audit Log Data for Clinical Discoveries*; Abel Kho, adviser.

## HISTORY

**Sarah-Louise Dawtry.** *The Performance of Care: Hospitals as Advertisements and Centers of Healing in the Mining Districts of the United States and Mexico at the Turn of the Twentieth Century*; Paul Gillingham, adviser.

**Alexandra De Leon.** *Imaginative Investments in the Past: Material Culture, Affect, and Memory of the Pacific Theater of WWII*; Laura Hein, adviser.

**Kathryn Birks Harvey.** *Billboards and Ambulances: The Business of Tragedy*; Kevin Boyle, adviser.

**Max Lewontin.** *Black Power Across Borders*; Martha Biondi, adviser.

**Emily Lyon.** *Touring "Our USA": White Femininity, Visual Culture, and US Empire in the 1920s and 1930s*; Susan Pearson, adviser.

**Hope McCaffrey.** *"White Husbands or None": Free-State White Women and Democratic Party Politics, 1840–1864*; Kate Masur, adviser.

**Hazal Özdemir.** *"They Vowed Never to Return": Armenian Transatlantic Mobility and Abandoned Ottomans*; Ipek Yosmaoglu, adviser.

**Mikala Stokes.** *Born of "Hardship, Trial, and Suffering": Black Men, Family, and Activism, 1830–1861*; Leslie M. Harris, adviser.

**John Sullivan.** *Fractious Knowledge: Earthquakes and Engineering in Eighteenth-Century Italy and the Spanish Atlantic*; Lydia Barnett, adviser.

## DRISKILL GRADUATE PROGRAM

### IN LIFE SCIENCES

**Erika Arias.** *Neutrophil Recruitment and Longevity in Acute Ischemic Stroke: Biological and Potential Clinical Implications*; William A. Muller, adviser.

**Mark Becker.** *Live Imaging Reveals a Dual Role for Mucociliary Clearance in SARS-CoV-2 Infection of Human Airway Epithelium*; Thomas Hope, adviser.

**Lourdes Brea.** *FOXA1 Regulation of Prostate Cancer Progression and the Tumor Immune Microenvironment*; Jindan Yu, adviser.

**Jennifer Cheng.** *Expanding the Phenotypic and Genetic Spectrum of CUX2 in Neurodevelopmental Disorders*; Gemma Carvill, adviser.

**Junlong Chi.** *MGAT1-Mediated Glycosylation Orchestrates Immune Checkpoints and Antitumor Immunity*; Yong Wan, adviser.

**Brandi Cobe.** *Functional Properties of the Stenotrophomonas maltophilia Bactericidal Type IV Secretion System and Its Effectors*. Nicholas Cianciotto, adviser.



- Yuheng Fu.** *A Spatiotemporal Atlas of the Skin: Computational Integration of Single-Cell and Spatial Transcriptomics*. Rosemary Braun and Rui Yi, advisers.
- Wendy Geslewitz.** *Development of a Novel Type I-C CRISPR-Interference System to Study Bacteriophage in Neisseria gonorrhoeae*; Hank Seifert, adviser.
- Vanessa Hayashi.** *PGE2 Signaling Triggers PECAM-Independent Transendothelial Migration In Vitro and In Vivo*; William A. Muller, adviser.
- Maureen Haynes.** *Identifying the Spatiotemporal Distribution and Functions of Polymorphonuclear Leukocytes During Acute Pneumonia*; William A. Muller, adviser.
- Xi Yue Hu.** *Selective Degradation of Mutant KRAS Induced by Fatty Acid Elongation Activity Attenuation*; Shana O. Kelley, adviser.
- Meghan Hutch.** *Computational Approaches for Modeling the Clinical Risk of Adverse Health Outcomes for Hospitalized Patients with Infection or Trauma-Derived Acute Neurological Illness*; Yuan Luo, adviser.
- Viriya Keo.** *Changes in the Hierarchy of Transcription Factors Throughout Prostate Cancer Progression*; Jindan Yu, adviser.
- Hana Kubo.** *Unlocking the Granular Details: Creating Granulosa-Like Cells and Profiling Follicle Activation*; Monica Laronda, adviser.
- Megan Larmore.** *From Eukaryotes to Prokaryotes: A Synthetic Approach to Ion Channel Function and Structure*; Paul DeCaen, adviser.
- Marine Lebrun-Corbin.** *Development and Characterization of a Vancomycin-Induced Model of Gastrointestinal Carriage of Pseudomonas aeruginosa*; Alan Hauser, adviser.
- Alberto Lopez.** *Identification of Legionella pneumophila IrsA and Other Investigations into the Importance of Iron Acquisition*; Nicholas Cianciotto, adviser.
- Huijue Lyu.** *Dysregulation of the Three-Dimensional Regulatory Landscape in Cancer*; Feng Yue, adviser.
- Katiannah Moise.** *Microtubule Dynamics in the Regulation of Endothelial Responses to Shear Stress*; Luisa Iruela-Arispe, adviser.
- Jenai Quan.** *The Identification and Examination of Early-Acting Host Factors Driving Alphaherpesvirus Infection*; Greg Smith, adviser.
- Jocelynda Salvador.** *The Impact of Disturbed Flow on Endothelial Cells*; Luisa Iruela-Arispe, adviser.
- Sarah Sanchez.** *Improving Vaccines by Modulating Hyperacute Antigen and Costimulatory Signals*; Pablo Penalzoza-MacMaster, adviser.
- Aubrey Sawyer.** *Mechanisms and Impacts of the Cellular Regulation of the APOBEC3s*; Richard D'Aquila, adviser.
- Elizabeth Tsui.** *The Ovarian Microenvironment Across the Pubertal Transition: Structural, Cellular, and Molecular Perspectives*; Monica Laronda, adviser.
- Cristina Vaca.** *The Impacts of Neddylaton on HIV Proviral Expression and Infectivity*; Richard D'Aquila, adviser.
- Lenore Yalom.** *Transcriptional and Functional Characterization of Spatially Separated Neutrophils in Inflamed Colonic Epithelium*; Ronen Sumagin, adviser.
- Tianming You.** *Role of Progesterone Action in Inguinal Hernia Formation via Skeletal Muscle Fibrosis and Atrophy*; Serdar Bulun, adviser.
- Emily Zaniker-Gomez.** *Follicle-Inherent Molecular and Biomechanical Mechanisms Underlying Ovulation*; Francesca Duncan, adviser.
- Mengqi Zhu.** *GCN2 Kinase Activation Mediates Pulmonary Vascular Remodeling and Pulmonary Arterial Hypertension*; Youyang Zhao, adviser.

#### LINGUISTICS

- Jennifer Dibern.** *Local Social Meanings and Language Use in a Chicago Bilingual Community*; Annette D'Onofrio, adviser.
- Thomas Sostarics.** *Structured Variation in Intonational Form and Interpretation in American English*; Jennifer Cole, adviser.

#### MANAGERIAL ECONOMICS AND STRATEGY

- Hyein Cho.** *Essays on Organizational Structure and Healthcare Delivery*; David Dranove, adviser.

## MARKETING

- Joseph Abruzzo.** *Simmelian Brokerage in Friendship Networks Predicts Attitude Strength Features*; Galen Bodenhausen, adviser.
- Jocelyn Grabke.** *Style, Status, and Secondhand Consumption: How Observer Impressions Differ Across Frugal Shopping Tactics*; Neal J. Roese, adviser.
- Seo Young Myaeng.** *The “Unique” Challenge of Promoting Luxury Purchases with Word-of-Mouth Recommendations*; Neal Roese and Jake Teeny, advisers.
- Sarena Su.** *Two Essays on the Antecedents and Consequences of Consumer and Brand Collective Action*; Aparna Labroo, adviser.
- Jason Zhao.** *Essays on Marketing and Information Acquisition*; Brett Gordon and Anna Tuchman, advisers.

## MATHEMATICS

- Zhenyi Chen.** *A-Infinity Sabloff Duality via the LSFT Algebra*; Eric Zaslow, adviser.
- Jennifer Jones-Baro.** *The Stabilized Automorphism Group of Minimal Systems*; Bryna Kra, adviser.
- Hy Lam.** *Inverse Spectral Theory of the Koopman Operator on Unit Phase Spaces of Compact Riemannian Manifolds*; Jared Wunsch, adviser.
- Nicholas Lohr.** *Semiclassical Phase Space Distributions and Scattering Theory of the Harmonic Oscillator and Hydrogen Atom*; Jared Wunsch, adviser.
- Kai-Hsiang Wang.** *Geometric Optimization and Construction Under Curvature Bounds*; Aaron Naber and Benjamin Weinkove, advisers.

## MEDIA, TECHNOLOGY, AND SOCIETY

- Mohammad Behroozian.** *Adolescent Afghan Refugees’ Occupational Aspirations After Resettling in the US*; Ellen Wartella, adviser.
- Christopher Dobmeier.** *Beyond Social Norms: Exploring a Parasocial Pathway of Normative Influence*; Nathan Walter, adviser.
- Kerstin Hundal.** *“I Thought I Would Be Relieved, but All I Felt Was Sadness”: Exploring Message Formats to Reduce Affective Forecasting Errors in Women’s Breast Cancer Risk Management Experiences*; Courtney L. Scherr, adviser.
- Sohyeon Hwang.** *The Place of Communities in Online Platform Governance*; Aaron Shaw, adviser.
- Mora Matassi.** *Digital Tango: Processes and Implications of Turning Toward and Away from Social Media*; Pablo J. Boczkowski, adviser.
- Hannah Studd.** *Understanding Collaborative Self-Reflection for Mental Well-Being Among Young Adults in Structured and Everyday Settings*; Maia Jacobs and Madhu Reddy, advisers.
- Kalia Vogelmann-Natan.** *The YouTube Generation: An Exploration of Young Children’s Experiences with Online Video Consumption*; Ellen Wartella, adviser.
- Eriqie Zhang.** *Assigned Beautiful at Birth: Media, Beauty, and the Problem of Transgender Visibility*; Aymar Jean Christian, adviser.

## INTERDEPARTMENTAL NEUROSCIENCE

- Nancy Castro Borjas.** *Cell Type-Specific Inhibition in the Subiculum*; Gianmaria Maccaferri, adviser.
- James Coy-Dibley.** *Keratinocyte-Derived Extracellular Vesicles in Painful Diabetic Neuropathy*; Daniela Maria Menichella, adviser.
- Casey Dalton.** *Effects of Ubiquitin Proteasome System Components, RAD23A and USP13, on TDP-43*; Robert Gordon Kalb, adviser.

**Andrew Fleming.** *Cellular-Based Systems of Amyotrophic Lateral Sclerosis Reveals Dysfunction in Ribosomal Homeostasis and Proteotoxic Stress Response*; Evangelos Kiskinis, adviser.

**Eduardo Guadarrama.** *A Biophysical Exploration of Voltage-Gated Ion Channels in Two Biological Contexts*; Paul DeCaen, adviser.

**Gabriela Lopez.** *Neural Coding of Avoidance Behavior in the Nucleus Accumbens Core and Ventromedial Shell*; Talia Lerner, adviser.

**Hayley McMorrow.** *Distinct Physiologic and Pharmacologic Effects of Incretin Hormones on AgRP Neuron Dynamics*; Lisa Beutler, adviser.

**Mauricio Medina.** *Sensory and Motor Integration of Whisking in the Cerebellum*; Indira Raman, adviser.

**Nalini Rao.** *Protein Turnover Disruptions in Alzheimer's Disease and Aging*; Jeffrey Savas, adviser.

**Joseph James Salvo.** *Transition Sites Between Sensory and Cognitive Cortical Organizations*; Rodrigo M. Braga, adviser.

**Kathleen Svada.** *Quantifying the Effect of Trunk Postural Control on Reaching Coordination Posthemiparetic Stroke*; Ana Maria Acosta and Julius P. Dewald, advisers.

**Yung-Hsu Tsai.** *Bone Morphogenetic Protein Signaling in Neural Development Across Postnatal and Adult Neurogenesis*; John Kessler, adviser.

## OPERATIONS MANAGEMENT

**Vikas Deep.** *Smart Experiments and Smart Exams: Leveraging Pure Exploration Techniques for Adaptive Learning*; Achal Bassamboo, adviser.

**Angela Kohlenberg.** *The Cost of Impatience in Dynamic Matching*; Itai Gurvich, adviser.

**Partha Sarathi Mishra.** *Shifts in Urban Mobility: Behavioral Evidence and Service Capacity Design*; Sunil Chopra, adviser.

**Max Yakovlev.** *Essays on the Effects of Government Regulation and Oversight on Hospital Operations*; Maria Ibanez and Martin Lariviere, advisers.

## PERFORMANCE STUDIES

**Tarek Benchouia.** *Echoing Egypt: Listening to the Relation Between Mahraganat Music and Hip-Hop Praxis*; Shayna Silverstein, adviser.

**Eddie Gamboa.** *Border Productions of Loss: Naturalized Violence and Sensorial Solidarities from the Paso del Norte*; Ramon H. Rivera-Servera, adviser.

**Jonathan Magat.** § *Another Time: Queer of Color Performance and the Art of Illness*; Joshua Chambers-Letson, adviser.

## PHILOSOPHY

**Kasey Hettig-Rolfe.** *The Transcendental Deduction: A Methodological Reading*; Rachel Zuckert, adviser.

**Hao Liang.** *Limits of Individual Autonomy—A Social Version of Ethical Constitutivism*; Mark Alznauer, adviser.

## PHYSICS

**Abdulwahab Al Luhaibi.** *Simulations of Pinned Superconducting Vortices Electrical Responses: Potential Devices*; John Ketterson, adviser.

**Eduardo Alejandro.** *Tools for Levitated Precision Nanosensors*; Andrew Geraci, adviser.

**Nia Burrell.** *Force Sensitive Levitated Optomechanics for Short-Range Gravity*; Andrew Geraci, adviser.

**Chethn Krishna Galla.\*** *Design and Characterization of an Apparatus for Short-Range Force Detection at Submicron Distances with Optically Trapped Nanoparticles*; Andrew Geraci, adviser.

**Sarah Carin Gavin.** *Generating Single Photons from Defects in Two-Dimensional Semiconductors*; Nathaniel Stern, adviser.

**Siyuan Liu.** *Mitigating Magnetic Field Imperfections for Precision Measurement of the Electron Electric Dipole Moment*; Gerald Gabrielse, adviser.

\* Degree awarded 2023–24

§ Degree awarded posthumously

## PLANT BIOLOGY AND CONSERVATION

**Haley Carter.** *Causes and Consequences of Floral Scent Diversity in a Rare Evening Primrose*; Norman Wickett, adviser.

**Drake Mullett.** *Effects of Root and Stem Hemiparasitic Plants on Tallgrass Prairie Plant Species*; Stuart Wagenius, adviser.

## POLITICAL SCIENCE

**Lauren Baker.** *Trash Talk: Sanitizing the Politics of Garbage at Sites of Global Environmental Governance in the Middle East and North Africa*; Wendy Pearlman and Kimberly Marion Sui-seeya, advisers.

**Eddine Nabil Bouyahi.** *Incumbent Populism in Southern Africa: Liberation Movements in Government and Trade Unions in Zimbabwe and Namibia*; William Reno, adviser.

**Bo Won Kim.** *The Paradox of Amity: Divergent Paths to Regulating Illicit Economies*; Karen Alter, adviser.

**Sarah Moore.** *Formalizing Tools for Meta-Analysis and Measurement Validity in the Social Sciences*; Ana Arjona, adviser.

**Aulia Nastiti.** *Behind the Digital Boom: Proprietary Markets and Platform Capitalism Expansion in Indonesia*; Jeffrey A. Winters, adviser.

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