

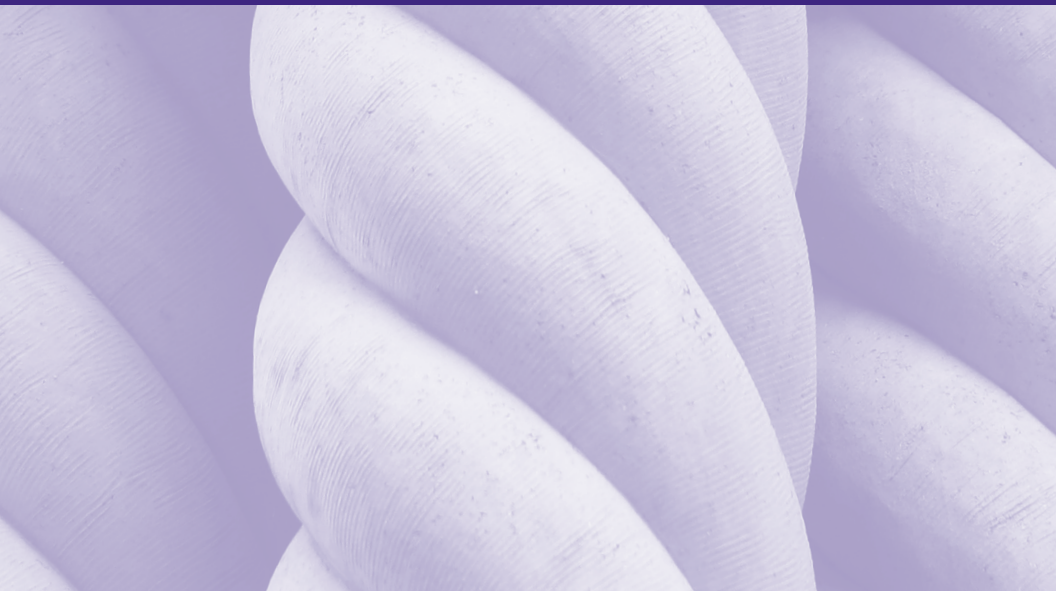


Northwestern | THE GRADUATE SCHOOL

TWENTY-FIFTH ANNUAL
PhD AND MFA
HOODING CEREMONY

2 P.M., FRIDAY, JUNE 12, 2026

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

INSTITUTIONAL GREETING

Kathleen M. Hagerty

Provost

REMARKS AND CHARGE TO GRADUATES

Kelly E. Mayo

HOODING OF CANDIDATES

Candidate names read by

Miriam J. Petty

Associate Dean for Academic Programs, The Graduate School

Associate Professor of Radio/Television/Film, School of Communication

Joshua Chambers-Letson

Professor and Chair, Department of Performance Studies, School of Communication

Professor of Asian American Studies, 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 while each graduate is on 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

DOCTOR OF PHILOSOPHY

ACCOUNTING INFORMATION AND MANAGEMENT

Xirui Gong. *Spillover Effects of Big Data on Voluntary Disclosure*; Sugata Roychowdhury, adviser.

ANTHROPOLOGY

James Gibb. *Biological Embedding of Stigma and the Healthspans of Sexual and Gender Minority Populations: A Biosocial Analysis of the RADAR Observational Cohort Study*; Thomas McDade, adviser.

Bridgette Hulse. *A Prayer of Their Own: Understanding Writing and Worship Through Graffiti in Cathedrals*; Matthew Johnson, adviser.

Idil Ozkan. *Curating Ancestry: Reparative Citizenship, Performative Belonging, and Sephardic Memory*; Shalini Shankar, adviser.

Sophie Reilly. *Reading the Plots: An Archaeobotanical Study of Food Preference, Imperialism, and Narratives in Chachapoyas, Peru*; Amanda Logan, adviser.

Keegan Terek. *Recognition Without Refuge: The Paradox of Sexuality-Based Refugee Protection in Jordan*; Shalini Shankar, adviser.

Tabor Whitney. *Using Noninvasive Biomarkers and Human-Wildlife Interaction Surveys as Conservation Tools for the Endangered Mexican Mantled Howler Monkey*; Katherine Amato, adviser.

ART HISTORY

Emma Kennedy. *Blackness and Indigeneity in Contemporary Art Practices*; Krista Thompson, adviser.

Benjamin Weil. *Representing the City in Fourteenth-Century Italy: Art, Politics, and Civic Identities*; Christina Normore, adviser.

ASTRONOMY

Danat Issa. *Unveiling Cosmic Pathways of Heavy Element Nucleosynthesis Through State-of-the-Art Simulations*; Sasha Tchekhovskoy, adviser.

Nick Kaaz. *Challenging the Standard Accretion Paradigm with Warps and Strong Magnetic Fields*; Sasha Tchekhovskoy, adviser.

Fulya Kiroğlu. *Hydrodynamic Modeling of Black Hole–Star Encounters and Their Astrophysical Signatures*; Frederic Rasio, adviser.

Kyle Rocha. *Next-Generation Binary Population Synthesis with POSYDON*; Vicky Kalogera, adviser.

Elizabeth Teng. *AI-Enabled Emulators for High-Fidelity Binary Population Synthesis*; Vicky Kalogera, adviser.

Nycole Wenner. *Molecular Clouds, Black Holes, and Electrons: Using Radio Astronomy to Explore the Milky Way Galaxy*; Shane Larson, adviser.

INTERDISCIPLINARY BIOLOGICAL SCIENCES

Gloria Alvarado. *Macrophage Inflammatory Responses in Complex Infection Environments During Salmonella Infection*; Keara Lane, adviser.

Xavier Anderson. *Planarian Microtubules Form a Network Within Muscle and Regulate Injury-Induced Genes Essential for Regeneration Patterning*; Christian Petersen, adviser.

Jonathan Boucher. *Elucidating Bioengineering Mechanisms of Cell-Derived Nanovesicle Delivery of Genetic Medicines and Biologics*; Joshua Leonard, adviser.

Karlin Compton. *A Role for the Adaptor Protein *wdr5* in Regulating Neural Crest Cells*; Carole LaBonne, adviser.

Daniel Kranz. *Identification of a Glia-Associated Amyloid β Oligomer Subtype and the Rescue from Reactive Astrogliosis by Inhibitor NU-9*; William Klein, adviser.

Zachary Shaver. *Engineering Cell-Free Glycosylation Systems for Immune-Optimized Vaccines*; Michael Jewett, adviser.

Madison Spratt. *Temporal Tunability as a Strategy to Balance Necessity and Cost in Salmonella Virulence Gene Expression*; Keara Lane, adviser.

Taojunfeng Su. *Method Development and Clinical Application of Orbitrap-Based Charge Detection Top-Down Mass Spectrometry*; Neil Kelleher, adviser.

Jordan Summers. *Repurposing the Salmonella Type III Secretion System as an Alternative Protein Production Pathway*; Danielle Tullman-Ercek, adviser.

Jack Sumner. *Systems Biology of the Lung Microbial Ecosystem During Infection*; Erica Hartmann, adviser.

Elijah Taylor. *Studies of the DNA Binding Behavior and Domain Movement Dynamics of Type I Topoisomerases Using Single-Molecule Techniques*; Alfonso Mondragón, adviser.

Citlayi Villaseñor. *Investigating the Role of Membrane Biophysical Properties in Membrane Protein Synthesis, Insertion, Folding, Assembly, and Function Using In Vitro and In Vivo Approaches*; Neha Kamat, adviser.

Feihong Xu. *Trustworthy Machine Learning for Biomedicine: Robust Clinical State Discovery and Calibrated Deep Learning Model Similarity*; Luís A. Nunes Amaral, adviser.

BLACK STUDIES

Charlene Carruthers.[‡] *Black Placemaking: Histories and Black Feminist Literary Imaginations of US Settler Colonialism in Indian Territory, the United States, and Liberia*; Nitasha Tamar Sharma, adviser.

Isaac Ginsberg Miller. *Building the Circle: Contemporary Black Poetry Collectives and the Question(ing) of Tradition*; Jennifer Nash and Michelle Wright, advisers.

CHEMISTRY

Andrew Brotherton. *Conjugated Gadolinium-Based Chelates as Magnetic Resonance Imaging (MRI) Contrast Agents*; Thomas Meade, adviser.

Spencer Burton. *Development of Biomimetic Drug Delivery Vehicles to Surpass Limitations of Traditional Nanoparticles*; Nathan Gianneschi, adviser.

Rachel Chan. *Using DNA Bonds to Control Defect and Heterostructure Formation in Functional Colloidal Crystals and Hybrid Materials*; Chad Mirkin, adviser.

Bailey Chandler. *Ultrafast Spectroscopic Studies of Photophysical Processes in Plasmonic and Polaritonic Nanomaterials*; Lin Chen and Richard Schaller, advisers.

Jared Fletcher. *Synthesis, Structure, Luminescence, and Phase Transitions of Novel Hybrid Metal Halide Perovskites and Perovskite-Adjacent Materials*; Mercuri Kanatzidis, adviser.

Stella Fors. *Electrosynthesis for Selective Construction and Destruction of Organic Molecules*; Christian Malapit, adviser.

Zijun Gao. *Tuning the Supramolecular Properties of Peptide Amphiphiles as Therapeutics for the Central Nervous System*; Samuel Stupp, adviser.

Daniel Hart. *Functionalization of Polybutadiene and Rubber Waste with Dynamic Bonds for Covalent Adaptable Networks with High Recycled Content*; Julia Kalow, adviser.

Matthew Hershey. *Engineering Light Scattering and Resonant Field Enhancements in Dielectric and Plasmonic Resonators for Photocatalytic Applications*; Dayne Swearer, adviser.

Madeline Ho. *Characterizing the Electronic Structures of Biological and Synthetic Iron-Sulfur Clusters with Advanced Paramagnetic Resonance Spectroscopy*; Brian Hoffman and Lin Chen, advisers.

Ming-Hsiu Hsieh. *A New Method to Unravel Quantum Electrodynamics of Emitters Coupled to Optical Resonators*; Roel Tempelaar, adviser.

Broderick Johnson. *Functional Supramolecular and Hybrid Bonding Polymers: Integrating Covalent Polymers and Oligomers into Supramolecular Materials*; Samuel Stupp, adviser.

Janice Kang. *Beyond Binary: Advancing Structural Immunotherapy Through Molecular-Level Design of Spherical Nucleic Acid Cancer Vaccines*; Chad Mirkin, adviser.

An Kitamura. *Molecular Design and Mechanistic Investigation of Redox-Active Organic Molecules for Energy Storage and Catalysis*; Christian Malapit, adviser.

[‡]Northwestern University Presidential Fellow

Emily Mahoney. *Organic Electrochemical Approaches to Redox Flow Batteries and PFAS Degradation*; Christian Malapit, adviser.

Cassandra Moisanu. *Paired-Ion Frameworks for Quantum Information Science Applications*; Will Dichtel, adviser.

Ashley Nensel. *Topical Anti-Inflammatory Proteomimetic Therapeutics*; Nathan Gianneschi, adviser.

Evan Oriel. *Tracking Excited-State Carrier Dynamics in Semiconductor Nanomaterials Using Ultrafast Electronic and Vibrational Spectroscopy*; Lin Chen and Richard Schaller, advisers.

Caitlin Palmer. *Copper on the Move: Functional Insights into the CopD Protein Family Across Diverse Bacterial Phyla*; Amy Rosenzweig, adviser.

Isabella Riha. *Exploitation of DCAF16-Protein Interactions for the Discovery of Small Molecules for Targeted Protein Degradation*; Xiaoyu Zhang, adviser.

Kimberly Riordan. *Developing Next-Generation Reagentless Strategies for Biomolecular Detection*; Shana Kelley, adviser.

Bethel Shekour. *Synthesis and Characterization of Precisely Defined Megamolecule-Based Bioconjugates*; Milan Mrksich, adviser.

Shengyi Su. *Zirconium-Based Porous Hybrid Materials and Their Applications in Catalysis and Separation*; Joseph Hupp, adviser.

Yuhao Leo Wu. *Structure-Function Relationships of Gold Nanomaterials for Molecular Sensing*; Teri Odom, adviser.

CLINICAL PSYCHOLOGY

Sam Battalio. *Building a Community-Engaged Research Program for Chicago's Far South Side*; Kiarri Kershaw, adviser.

Gina Belli. *OCD Diagnosis and Detection Among Primary Care Providers: Development of Scalable Implementation Strategies for Evidence-Based Practices in Healthcare*; Tina Boisseau, adviser.

Patricia Garibaldi. *Trauma-Informed Care in Illinois Child Welfare Residential Treatment in the Age of the Family First Prevention Services Act*; Neil Jordan and Cassandra Kisiel, advisers.

María José Luna. *How Do Parents' Experiences with Services Influence Their Children's Service Use? A Longitudinal, Intergenerational Study of High-Risk Families*; Karen Abram, adviser.

Ashley Murphy. [‡] *Early Child Special Education Therapies: A Mixed-Methods Exploration of Caregivers' Experiences Accessing and Participating in Their Children's Therapies*; Heather Risser, adviser.

Eloisa Serrano. *Health Literacy as a Possible Mediator Between Demographics and Symptoms Related to Stress and Trauma: An Application of the Paasche-Orlow and Wolf Model*; James Griffith, adviser.

Chloe Warlick. *Perinatal Depression Trajectories and Cardiovascular Disease Risk Two to Seven Years After Delivery: The Role of Sleep in Pregnancy and Intersectional Identities*; Phyllis Zee, adviser.

Nanzi Zheng. *The Consequences of Incarceration for Intimate Partner Violence in Young Adulthood After Juvenile Detention*; Leah Welty, adviser.

COMMUNICATION SCIENCES AND DISORDERS

Soujin Choi. *Early Pathways to Phonological Awareness: The Role of Caregiver and Child Factors in Infancy and Toddlerhood*; Elizabeth Norton, adviser.

Stephanie Crawford-Wright. *Audio-Vocal Integration as a Mechanism Contributing to Pragmatic Language in Female FMR1 Premutation Carriers and Controls*; Molly Losh, adviser.

Hannah Feiner. *Interpreter-Mediated Speech-Language Therapy in Early Intervention: Roles, Practices, and Determinants Shaping Family-Centered Practice*; Megan Roberts, adviser.

Abhijit Roy. *Incorporating Listener Metrics into Noise Reduction Decisions*; Pamela Souza, adviser.

Murielle Standley. *A Multimodal Approach to Understanding Early Bilingual Communication Development in the Context of Caregiver-Child Interactions*; Adriana Weisleder, adviser.

Lillian Thompson Brown. *Autism Diagnosis in Early Intervention: Predictors of Service Frequency and Caregiver Resolution*; Megan Roberts and Adriana Weisleder, advisers.

[‡]Northwestern University Presidential Fellow

COMMUNICATION STUDIES

- Ryan Bince.** *Crowd Control and the Maintenance of Social Order in the United States, 1786–1925*; Dilip Gaonkar, adviser.
- Eric James.** *The Match Mystique: The Impact of Digital Rhetoric and Algorithmic Culture on the Development of US Computer Matchmaking*; Robert Hariman, adviser.
- Michelle Elaine Shaw.** *A Sankofa–Womanist Dialectic: Lessons on Teaching While Teaching Preaching*; Janice Radway, adviser.

COMPARATIVE LITERARY STUDIES

- Raina Bhagat.** *Nucleopoesis: Racializing Atomic Energy in Global Science Fictions*; Evan Mwangi, adviser.
- Xinyi Wei.** *Ripple Effect: The Travel of Books Between the Francosphere and the Sinosphere*; Christopher Bush, adviser.

EARTH AND PLANETARY SCIENCES

- Victoria Lang.**[‡] *Evaluating On-Road Vehicle Emissions and Mitigation Pathways at the Neighborhood Scale to Assess Air Pollution, Public Health, and Equity Outcomes*; Daniel Horton, adviser.
- Luca Podrecca.** *Earth's Orbit, Relative Sea Level Change, and the Preservation of Biogeochemical Cycles in the Stratigraphic Record, from the Holocene to the Early Cretaceous*; Bradley Sageman, adviser.
- Ann Mariam Thomas.** *Urban Intraplate Seismology and Geoscience Engagement in the Chicago Area*; Suzan van der Lee, adviser.
- Mia Tuccillo.** *Integrating Sedimentary Pigments and Genetic Signatures to Track Holocene to Modern Microbial Ecosystems and Implications for Water Quality in Warming Arctic Lakes*; Yarrow Axford, adviser.

ECONOMICS

- Vageesha Bainwala.** *Essays in Development Economics*; Christopher Udry and Dean Karlan, advisers.
- Hersh Chopra.** *Essays on Information Intermediaries*; Jeffrey Ely, adviser.
- Federico Crippa.** *Essays in Econometrics*; Ivan Canay, adviser.

- Bruno Fava.** *Essays in Econometrics and Machine Learning*; Federico Bugni and Dean Karlan, advisers.
- Danil Fedchenko.** *Essays in Econometrics*; Federico Bugni and Ivan Canay, advisers.
- Andrea Ferrara.** *Essays in Macroeconomics*; Marios Angeletos, adviser.
- Nina Fluegel.** *Essays in Microeconomic Theory*; Jeffrey Ely and Alessandro Pavan, advisers.
- Luxi Han.** *Essays in Macroeconomics and Labor Market Dynamics*; Lawrence Christiano, adviser.
- Jose Higuera.** *Essays on Mechanism Design*; Alessandro Pavan, adviser.
- Shuyan Huang.** *Essays on Estimation, Inference, and Experimental Design for Heterogeneous Economic Decisions*; Ivan Canay, adviser.
- Elizabeth Jaramillo Rojas.** *Essays in Development Economics*; Christopher Udry, adviser.
- Ludovica Mosillo.** *Essays in Inequality and the State*; Nancy Qian, adviser.
- Cristoforo Pizzimenti.** *Essays in Macroeconomics, Finance, and Political Economy*; Martin Eichenbaum, adviser.
- Radhika Ramakrishnan.** *Essays in Health Economics*; David Dranove, adviser.
- Johanna Rayl.** *Essays in Public, Energy, and Environmental Economics*; Mar Reguant, adviser.
- Matteo Ruzzante.** *Technological Change and Economic Development*; Joel Mokyr, adviser.
- Sebastian Sardon.** *Essays in Development Economics*; Christopher Udry and Lori Beaman, advisers.
- Christopher William Antony Sims.** *Essays in Economic History and Technology*; Joel Mokyr, adviser.

ENGLISH

- Rio Bergh.** “*Convulsively Written Reminiscences*”: *The Language of Environmental Catastrophe in Nineteenth-Century American Literature*; Kelly Wisecup, adviser.
- Paulina Jones-Torregrosa.**[‡] *Global Intimacies: Transnational Writings by US Women of Color*; John Alba Cutler and Nick Davis, advisers.

[‡]Northwestern University Presidential Fellow

FINANCE

Jose Parreiras Antunes Neto. *Essays in Empirical Asset Pricing*; Torben Andersen and Viktor Todorov, advisers.

Kevin Ren. *Essays in Financial Economics and Macroeconomics*; Dimitris Papanikolaou, adviser.

HEALTH SCIENCES INTEGRATED PhD

Katherine Cohen. *Advancing Implementation of Single-Session Interventions in Schools*; Jessica Schleider, adviser.

Lixuan Cong. *Improving Communication Among Multidisciplinary Clinicians About Why a Patient Is in Shock: A Human-Centered Design Approach*; Andrew Berry and Anne Stey, advisers.

Emily Dinelli. *Social Determinants of Health and Health Outcomes Among Black and African American Individuals Living with Dysvascular Lower-Extremity Amputations*; Allen Heinemann, adviser.

Peter Graffy. *Heat and Hearts: Computational Phenotyping of Cardiovascular Disease in the Context of Extreme Heat*; Norrina Allen, adviser.

Emmanuel Okpetu. *Strengthening Hypertension Care Through Primary Healthcare in Nigeria: A Mixed-Methods Assessment Using an Implementation Science Lens*; Lisa Hirschhorn, adviser.

Lamkur Gabriel Shedul. *Economic Evaluation of Hypertension Care Led by Nonphysician Healthcare Workers in Low-Middle-Income Country and the Role of Supportive Supervision*; Lisa Hirschhorn, adviser.

Stella Wang. *Measuring Fine Motor Control in Cognitive Aging*; Richard Gershon and Aaron Kaat, advisers.

Jingzhi Yu. *Development and Evaluation of Personalized First-Line Hypertension Treatment Strategies: An Exploration of Heterogeneous Treatment Effects*; Norrina Allen, adviser.

HISTORY

Elizabeth Barahona. *Black and Latino Coalition Building in Durham, North Carolina, 1980–2010*; Geraldo Cadava, adviser.

Morgan Elizabeth Barry. *Suspicious Intelligence: Sex, Race, and Surveillance in Chicago, 1945–1982*; Martha Biondi, adviser.

Mian Chen. *China's Propaganda Complex: Communist Propagandists and the Making of Modern China (1921–1965)*; Peter Carroll, adviser.

Alex Keith. *"[O]ur Art Is Our Lives": Black Women and Diaspora in London and Chicago Theater, 1961–1977*; Brett Gadsden, adviser.

Juan Leon Baez. *Weather Soundings: Vernacular Meteorology in Spain and Mexico During the Little Ice Age*; Lydia Barnett, adviser.

Aoi Saito. *Contesting Welfare in Red-Light Districts: Women's Networks, Self-Protection, and Public Health in Japan, 1925 to 1965*; Amy Stanley, adviser.

Aisha Valiulla. *Sailors, Scholars, and Wonders: Arabic Scholarship and the Medieval Indian Ocean World, 900–1400*; Rajeev Kinra, adviser.

DRISKILL GRADUATE PROGRAM

IN LIFE SCIENCES

Carlton Adams. *Legionella pneumophila Type II Secretome Reveals a Polysaccharide Deacetylase That Impacts Intracellular Infection, Biofilm Formation, and Resistance to Polymyxin- and Serum-Mediated Killing*; Nicholas Cianciotto, adviser.

Hannah Almubarak. *Machine Learning Accelerated Antibody Ranking and Extracellular Vesicle Engineering for Antiviral and Anticancer Immunotherapeutics*; Huiping Liu, adviser.

Bakare Awakoaiye. *Utilizing Viral Vectors Against Infectious Diseases and Tumors*; Pablo Penalzoza-MacMaster, adviser.

Arpan Das. *MicroRNA-200 Family: A Tale of Influence over WNT-SOX Balance in Defining the Sebocyte Fate*; Rui Yi, adviser.

Alexander Duval. *SOX9 Drives a Stem-Like Transcriptional State and Platinum Resistance in High-Grade Serous Ovarian Cancer*; Mazhar Adli, adviser.

Margaret Fain. *Exploring the Cardioprotective Effects of Sodium Glucose Cotransporter 2 Inhibitors*; Susan Quaggin, adviser.

Chuan Zhi Foo. *Epigenetic, Transcriptional, and Post-Transcriptional Differences Between Developing Cochlear Inner and Outer Hair Cells*; Jaime Garcia-Anoveros, adviser.

Ellen Fruzyna. *Hepatic BCL6 Directs Interorgan Communication to Regulate Nutrient Metabolism*; Grant Barish, adviser.

Blake Gill. *Role of Vascular Bone Morphogenetic Protein 9 Signaling in Lung Transplantation and Ex Vivo Lung Perfusion*; Carl Atkinson, adviser.

Jamie Guillen Magaña. *Schlafen 12 Modulation and Targeting in Acute Myeloid Leukemia*; Leonidas Platanias, adviser.

Samuel Hamilton. *A Novel Method of Quantifying Transcriptional Divergence Reflects Macrophage Plasticity and Disease State*; Deborah Winter, adviser.

Alexander Lee. *Understanding Chromatin Regulation and Structure Through Structural Mass Spectrometry*; Neil Kelleher, adviser.

Lucy Luo. *Immune Aggregates Associated with CXCL9+/10+ Macrophages Define a Novel Signature of Acute Lung Transplant Rejection*; Alexander Misharin and Scott Budinger, advisers.

Dominik Nahotko. *Multiomics Profiling of LARP1-Dependent Cellular Programs at the Intersection of mTORC and CTORC Signaling in Acute Myeloid Leukemia*; Leonidas Platanias, adviser.

Aishwarya Ramamurthy. *The Impact of Structural Variants on Gene Regulation in Neurodevelopmental Disorders*; Gemma Carvill, adviser.

Vivienne Shaver. *The Role of Neutrophils and CCR2+ Myeloid Cell Transendothelial Migration in Diseases of the Retina*; William Muller, adviser.

Jian Shen. *Reciprocal KLF2-KLF3 Circuit Governs Exhausted T Cell Migration and Differentiation*; Weiguo Cui, adviser.

Anthony Smith. *Integrated Elemental and Cellular Analyses of Gastrointestinal Radiation Effects Using X-Ray Fluorescence Microscopy, IHC, and TCR β Sequencing*; Gayle Woloschak, adviser.

Nathan Waldeck. *Circadian Regulation of Midbrain Dopaminergic Neurons Controls Metabolism, Motivated Behaviors, and Sleep*; Joseph Bass, adviser.

Anthea Weng. *Alveolar Regeneration: Cellular States and Molecular Regulators of AT2-to-AT1 Differentiation*; Cara Gottardi, adviser.

Julia Yescas. *Kinase Pathway Dependencies and Therapeutic Targeting in Cutaneous T-Cell Lymphomas*; Caroline Le Poole, adviser.

Ziyang Zhang. *Integrated Transcriptomic and Spatial Profiling Reveals Peripheral and Central Immune Remodeling in Amyotrophic Lateral Sclerosis*; David Gate, adviser.

Chenlin Zhao. *AI-Guided CRISPR Screening for Therapeutic Target Discovery in Psoriasis*; Shana Kelley, adviser.

LINGUISTICS

Chantal Marie Loresco De Leon. *Integrating Multiple Sources of Social Information in Sociolinguistic Perception*; Annette D'Onofrio, adviser.

MANAGEMENT AND ORGANIZATIONS

Trevor Spelman. *The Costs of Dissent: Miscalibrated Social Expectations, Self-Censorship, and Partisan Pluralistic Ignorance*; Eli Finkel, adviser.

MANAGERIAL ECONOMICS AND STRATEGY

David Almog Salama Finkelstein. *Essays on Human Behavior and Artificial Intelligence*; Yuval Salant, adviser.

Nathalie Basto Aguirre. *Essays on Spillovers, Information, and Incentives*; Nancy Qian and Dean Karlan, advisers.

Sanjana Ghosh. *Essays in Environmental and Energy Economics*; Mar Reguant, adviser.

Xiaojie Liu. *Consumer Information Frictions and Monetary Nonneutrality: A Sequential Approach*; Alireza Tahbaz-Salehi, adviser.

Elena Stella. *Essays in Corporate Finance and Political Economy*; Jacopo Ponticelli, adviser.

Shallabh Tiwari. *Essays in Learning Under Misspecification*; Alireza Tahbaz-Salehi, adviser.

Xizhao Wang. *Essays on the Economics of Innovation and Science*; Benjamin Jones, adviser.

Ziny Wei. *Essays on Trust, Information Frictions, and Healthcare Markets*; David Dranove, adviser.

MARKETING

- Jesse D'Agostino.** *Consumer Gatekeeping: How Consumers Guard Their Brands*; Derek Rucker, adviser.
- Zhisui Jia.** *Style: The Self in an Audience*; Rima Touré-Tillery, adviser.
- Matejas Mackin.** *Consumer Choice of Politically Offensive Products*; Neal Roese, adviser.
- Xuekang Wu.** *Essays on Generative Models for Creative Design in Marketing*; Artem Timoshenko, adviser.

MATHEMATICS

- Curtis Grant.** *From Maximum Likelihood Estimation to Metastability: How Spin Glasses Give a Unifying Picture*; Antonio Auffinger and Reza Gheissari, advisers.
- Yi Gu.** *Generalized t-SNE and Beyond: Probabilistic Methods for Dimensionality Reduction, Combinatorial Optimization, and Machine Learning*; Antonio Auffinger, adviser.
- Yuxuan Hu.** *Elements of Parametrized Sheaf Theory*; Gus Schrader, adviser.
- Aleksandr Karapetyan.** *Formal Geometry of Cotangent Stacks*; Ezra Getzler, adviser.
- Daniel Mallory.** *The K-Stability and K-Moduli of Casagrande-Druel Varieties*; Yuchen Liu, adviser.

MEDIA, TECHNOLOGY, AND SOCIETY

- Rod Abhari.** *The Cost of Correction: Scientific Retractions and the Politicization of Science*; Nathan Walter, adviser.
- Emily Andrews.** *Credibility in Crisis? Exploring the Boundary Conditions of Credibility in the Modern Age*; Nathan Walter, adviser.
- Hoda Fakhari.** *A Case for Complexity: Explicating and Evaluating the Role of Perceived Risk Complexity in Risk Perception and Communication*; Courtney Scherr, adviser.
- Valerie Gruest.** *Scroll, Sweat, Internalize: Unpacking the Grip and Psychobehavioral Effects of Fittspiration on Social Media*; Pablo Boczkowski, adviser.

- Yena Lee.** *Creator Logic-in-Practice: Political Content Creators and the Negotiation of Influence in the Post-Networked Era*; TJ Billard, adviser.
- Annika Pinch.** *Social Media, Surveillance, and Resistance In and Beyond Prison*; Jeremy Birnholtz, adviser.
- Carolyn Sartain Kalny.** *In Tandem and in Tension: Accounting for Emotional Complexity in Communication Research*; Nathan Walter, adviser.
- Facundo Suenzo.** *Techno-Affective Ecologies: A Sociocultural History of Gay Sexuality in Post-Dictatorship Argentina*; Pablo Boczkowski, adviser.

INTERDEPARTMENTAL NEUROSCIENCE

- Sam Cermak.** *The Role of Corticolimbic Perineuronal Nets in Mice with Chronic Neuropathic Pain*; Apkar Apkarian, adviser.
- Erin King.** *The Behavioral and Neurophysiological Effects of Bilateral Motor Priming and Task-Specific Training in People with Moderate to Severe Chronic Upper Limb Impairment Post-Stroke*; Daniel Corcos, adviser.
- Oscar Andrés Moreno Ramos.** *From Molecular Identity to Circuit Logic: Coordinated Spatial Organization of Basal Ganglia Structures by Dopamine Subtype Projectome Mapping*; Raj Awatramani, adviser.
- Nicolette Moya.** *The Role of Nigrostriatal and Striatal Cell Subtype Signaling in Behavioral Impairments Related to Schizophrenia*; Jones Parker, adviser.
- Miranda Salvo.** *The Role of Angiotensin-Converting Enzyme Variants in Alzheimer's Disease Pathogenesis*; Robert Vassar, adviser.
- Sajishnu Savva.** *Neural Basis of Motor Control: State-Specific Coding and Hierarchical Cortical-Subcortical Interactions*; Andrew Miri, adviser.
- Brynna Webb.** *Pathological Human Variants in the GRIK2 Kainate Receptor Gene Cause Wide-Ranging Behavioral Dysfunction in Mouse Models*; Geoffrey Swanson, adviser.

Kelsey Wright. *Reticulospinal Contributions to Shoulder Abduction in Healthy Adults: Load-Dependent Modulation and Suprabrainstem Regulation*; Jun Yao, adviser.

Erika Yamazaki. *Directed Breathing During Sleep*; Ken Paller, adviser.

OPERATIONS MANAGEMENT

Audrey Bazerghi. * *Dynamic Solutions for Modern Supply Chain Management*; Jan Van Mieghem and Sebastien Martin, advisers.

Yao Li. *Operational Levers in Service Operations: From Healthcare Appointment Scheduling to E-Commerce Platform Fulfillment Service*; Jan Van Mieghem, adviser.

PERFORMANCE STUDIES

Rashayla Marie Brown. *The End(s) of Suffering: Black Femme Aesthetics, Reparations, and the Ancestral (After)life of Images*; Joshua Chambers-Letson, adviser.

PHILOSOPHY

Spencer Alexandria Nabors. *Embodied Interpellation*; José Maria Medina, adviser.

PHYSICS

Yanlin Li. *Exploring Specific Ion Effects on Protein Functional Groups Through Model Monolayers at Air-Water Interfaces*; Pulak Dutta, adviser.

Nathaniel McDonough. *A Continuous Coherent Lyman-Alpha Source*; Gerald Gabrielse, adviser.

Kevin Ryan. *Transport Studies of Superconductors for Quantum Applications*; Venkat Chandrasekhar, adviser.

Aslan Seifi. *Functional Fermions in Gauge and Gravity Theories*; John Carrasco, adviser.

Benedict Sukra. *Single-Electron Detection with a SQUID: Toward Quantum-Limited, Relativistic Detection*; Gerald Gabrielse, adviser.

Maxwell Wisne. *Studies on DC-Driven Single and Multiterminal Josephson Junctions*; Venkat Chandrasekhar, adviser.

Gan Zhai. *Nuclear Magnetic Resonance Study of Superconductivity and Spin Coherence in Nb₃Sn Powder*; William Halperin, adviser.

PHYSICS AND ASTRONOMY

Dany Atallah. *Small N-Body Dynamics in Star Clusters: Runaway Black Hole Growth, Binary Formation, and Imprints upon the Galactic Field*; Frederic Rasio, adviser.

Cole Kampa. *Searches for New Physics with Muon Conversion at Fermilab and Triboson Production at the LHC*; Michael Schmitt, adviser.

Beverly Lowell. *Braking a Black Hole: Spin-Down by Highly Magnetized, Jetted Accretion Disks*; Sasha Tchekhovskoy, adviser.

PLANT BIOLOGY AND CONSERVATION

Rory Schiafo. *Rebuilding the Forest Understory: Plant Diversity and Community Assembly in the Restoration of Midwestern Forests*; Rebecca Barak, adviser.

POLITICAL SCIENCE

Nicolette Alayón. *Parasocial Influence and Political Attitudes: The Power of Celebrity in American Politics*; Alvin Tillery, adviser.

Elizabeth Good. *Willing and Able: Power Dynamics and Women's Representation in Peace Processes*; Jason Seawright, adviser.

Kyle T. Jones. *Solon Songs and Political Theory*; Sara Monoson, adviser.

Shai Karp. *Leasing Democracy: Private Power and Public Policy in American Rental Housing*; Chloe Thurston, adviser.

Irene Kwon. *From Financial Identity to Political Choice: Three Essays on Latent Financial Identity, Ideology, and Candidate Evaluation*; Stephen Nelson, adviser.

Jennifer Lin. *Training Citizen Officers*; James Druckman, adviser.

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Anthony Okafor. *Late Rite: Poems*; Evan Mwangi, adviser.

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Emely Taveras Gomez. *Push Me Away*; Kelly Wisecup, adviser.

DIRECTING

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