

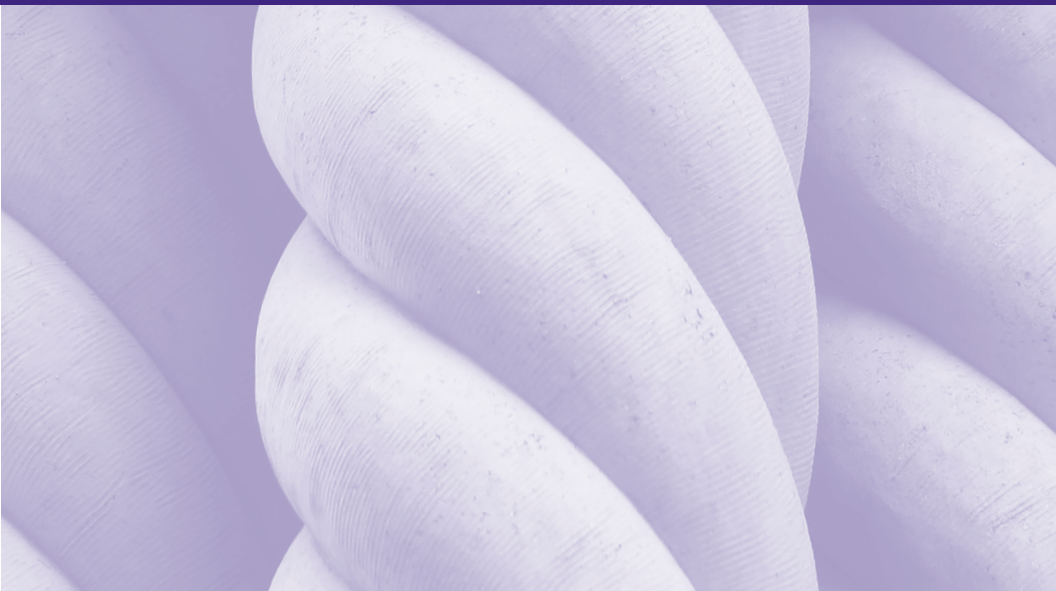


Northwestern | THE GRADUATE SCHOOL

TWENTY-THIRD ANNUAL
PhD AND MFA
HOODING CEREMONY

2 P.M., FRIDAY, JUNE 7, 2024

RYAN FIELDHOUSE





TWENTY-THIRD ANNUAL
PhD AND MFA
HOODING CEREMONY

2 P.M., FRIDAY, JUNE 7, 2024

RYAN FIELDHOUSE
EVANSTON, ILLINOIS

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, School of Communication

Joshua Chambers-Letson

Professor, School of Communication

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 each graduate while 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.

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.

GRADUATE DEGREES

DOCTOR OF PHILOSOPHY

ANTHROPOLOGY

Margaret Butler. *Identifying the Biosocial Drivers of Postpartum Depression and Breastfeeding among Chicagoland Birthing Parents*; Sera Lewis Young, adviser.

Elizabeth Koselka. *Logics of Eating in Alicante, Spain: Biosocial Relationships Connecting Migration, Food, Stress, and Health*; William R. Leonard, adviser.

Hafsa Oubou. *Schools without Allah: Islam, Race, and Education in Belgium*; Robert Launay, adviser.

Haley Ragsdale. *Developmental Influences on Reproductive Investment: Linking Maternal Nutritional History with Pregnancy Metabolism and Fetal Growth*; Christopher Kuzawa, adviser.

ART HISTORY

Jessy Bell. *Infrastructures of Solidarity: Nation Building and Worldmaking in Socialist Yugoslavia*; Hannah Feldman and Christina Kiaer, advisers.

Adrienn Kácsor. *Migrant Aesthetics: Hungarian Artists in the Service of Soviet Internationalism, 1919–1945*; Christina Kiaer, adviser.

Brian Leahy. *For Immediate Release: Contemporary Art and Exhibition Media in the United States, 1968–1984*; Rebecca Zorach, adviser.

ASTRONOMY

Chase Kimball. *On the Formation, Lives, and After-Lives of Astrophysical Black Holes*; Vicky Kalogera, adviser.

INTERDISCIPLINARY BIOLOGICAL SCIENCES

Evan Buechel. *Unraveling the Half- and Full-Site Sequence Specificity of the *Saccharomyces cerevisiae* Pdr1p and Pdr3p Transcription Factors*; Heather Pinkett, adviser.

David Bushhouse. *Programming Riboswitch Function Using Principles of Cotranscriptional RNA Folding*; Julius Lucks, adviser.

Eleanor Clark. *Analysis of Body Axis Patterning Systems in Homeostasis and Regeneration*; Christian Petersen, adviser.

Ely Contreras. *Phototransduction Regulates Diverse Visual Behaviors*; Tiffany M. Schmidt, adviser.

Emily Czajkowski. *Mechanisms That Promote Acentrosomal Spindle Assembly and Stability to Ensure Faithful Chromosome Segregation in *C. elegans* and *M. musculus* Oocytes*; Sadie Wignall, adviser.

Simrita Deol. *Developing Next-Generation Cancer Therapies: Applying Tools and Principles of Synthetic Biology to Enhance Production and Efficacy of NK92 Cell-Based Cancer Therapies*; Joshua Leonard, adviser.

Amy Neely. *Nucleoporins Regulate Epidermal Progenitor Fate Decisions through Changes in Composition and Chromatin Binding*; Xiaomin Bao, adviser.

Krishna Paranandi. *The Cellular Handling of Liposomal Spherical Nucleic Acid Architectures*; Chad A. Mirkin, adviser.

Jungsoo Park. *Enhancing Cytosolic Delivery and Gene Regulation Activity of Spherical Nucleic Acids*; Chad A. Mirkin, adviser.

Emily Marie Pujadas Liwag. *Nanoimaging and Targeted Protein Degradation to Assess Chromatin Conformation, Connectivity, and Gene Expression*; Vadim Backman, adviser.

Rebecca Rasmussen. *Elucidating and Applying Bacterial Sensing and Response Mechanisms*; Thomas V. O'Halloran, adviser.

BLACK STUDIES

Rikki Byrd.‡ *In Loving Memory: Black Performance and the Sartorial Politics of Mourning*; E. Patrick Johnson and Celeste Watkins-Hayes, advisers.

æryka jourdain holliis o'neil. *Translating the Void: Anti-Blackness, Racial Adaptation, and Trans Narrativity—From Stage to Screen and In-Between*; Jennifer Nash, adviser.

Candice Merritt. *In Search of Our Mothers' Freedom*; Jennifer Nash, adviser.

CHEMISTRY

Benjamin Coleman. *A Coordination Chemistry Approach to Nano- and Supramolecular Material Design*; Chad A. Mirkin, adviser.

Rebecca Goncalves. *Chemisorption of Hydrogen and Carbon Dioxide for Energy Storage and Carbon Capture*; Joseph T. Hupp and Randall Q. Snurr, advisers.

Waleed Helweh. *Unveiling the Effects of Structure and Function in Materials for Optoelectronics Using Ultrafast Spectroscopy*; Lin Chen, adviser.

Kenton Hicks. *Fundamental Studies in the Design of Zirconium Metal–Organic Frameworks as Catalysts and Supports for the Conversion of Hydrocarbons and Biomass Feedstocks*; Omar K. Farha, adviser.

Soumya Kandi. *Interrogating the Amyloid-Beta Proteoform Landscape in the Context of Alzheimer's Disease*; Neil L. Kelleher, adviser.

Megan Kaster. *Coordination Complexes of Trivalent Lanthanides for Magnetic Resonance Imaging and Spectroscopy*; Thomas J. Meade, adviser.

Julia Knapp. *Coordination-Redox Relationships in F-block Metal–Organic Frameworks*; Omar K. Farha, adviser.

Kaitlin Landy. *Programming Multicomponent Colloidal Crystal Architectures Using DNA*; Chad A. Mirkin, adviser.

Yiqi Liu. *Design, Development, Characterization, and Catalytic Activity Exploration of Single-Site Carbon-Supported Molybdenum Dioxo Catalysts*; Tobin Marks, adviser.

Chelsea Mueller. *Theoretical Exploration of Nanocluster Growth and Applications in Surface-Enhanced Raman Spectroscopy*; George C. Schatz, adviser.

Benjamin Oxley. *Chemical and Structural Trends of Infrared Nonlinear Optical Properties in Alkali Chalcopnictides*; Mercuri Kanatzidis, adviser.

Shobhana Panuganti. *Ultrafast Photophysical Dynamics of Structural and Electronic Behavior in Hybrid and Nanostructured Semiconductors*; Mercuri Kanatzidis and Richard Schaller, advisers.

Alexander Sample. *Strong Light-Matter Coupling between Lattice Plasmons and Molecular Excitons*; Teri W. Odom, adviser.

Zohra Sattar Waxali. *Distinguishing the Metallomes of Cardiac Cells and Various Tissues from Different States of Iron Abundance*; Thomas V. O'Halloran, adviser.

Thomas Sheridan. *Beyond the Node: Expanding Degrees of Freedom in Metal–Organic Frameworks*; Joseph T. Hupp, adviser.

Nils Strand. *Exploring Nonequilibrium Dynamics: Numerical Insights into Steady States and Reactive Pathways in Discrete Many-Body Systems*; Todd Gingrich, adviser.

Zoha Syed. *The Dimensionality of Modern Organometallic Chemistry: Well-Defined Catalytic Materials for Efficient Synthesis of Commodity Chemicals*; Omar K. Farha, adviser.

Jonathan Varelas.* *Synthesis and Characterization of Isoprene-Derived Organosulfates and Other Atmospherically Relevant Molecules*; Regan J. Thomson, adviser.

Qining Wang. *Elucidating the Nature of Active Sites in Heterogeneous Catalysts through the Functionalization of Metal–Organic Frameworks*; Joseph T. Hupp and Justin M. Notestein, advisers.

*Degree awarded 2021–22

‡Northwestern University Presidential Fellow

- Brittney Williams.** *Solubilizing Lipid Chemotherapeutic Prodrugs*; Nathan Gianneschi, adviser.
- Joshua Zhu.** *Development of Novel Persistent Radicals and Radical Cross-Couplings*; Karl Scheidt, adviser.

CLINICAL PSYCHOLOGY

- Emily Fu.** *The Development and Validation of an Observational Rating System for Individual Tailoring in Family-Based Pediatric Obesity Interventions*; J.D. Smith, adviser.
- Allie Morford.** *An Investigation of Parent-Related Risk Factors of Child Maltreatment: A Step toward Comprehensive Screening Strategies*; Heather J. Risser, adviser.
- Amanda Nili.** *Development Matters: Novel Measures and Models of Neurodevelopmental Risk Embedded in the Family Ecosystem*; Laurie Wakschlag, adviser.
- Claire Weaver.** *Exploring the Ruminative Responses Scale (RRS): Factor Structure, Stability, and Relationship with Depression, Gender, and Cognition*; James W. Griffith, adviser.

COMMUNICATION SCIENCES AND DISORDERS

- Andrew Burlison.** *Decoding the Puzzle of Perceptual Restoration: The Role of Higher Order Cognitive and Linguistic Processing and Cognitive Effort During Speech Repair*; Pamela Souza, adviser.
- Alex Clain.** *Assessing the Physiology of Swallowing Impairment: Measuring the Measurement Method and Characterizing Diagnostic Impairment Profiles*; Bonnie Martin-Harris, adviser.
- Maranda Jones.** *Parent-Implemented Communication Intervention for Deaf/Hard of Hearing Toddlers: A Randomized Clinical Trial*; Megan Roberts, adviser.
- Kailyn McFarlane.** *Auditory Factors Contributing to Speech-in-Noise Difficulties in Adults with Normal Hearing Sensitivity*; Jason Tait Sanchez, adviser.
- George Ordway.** *The Development of Ultra-Low Frequency Nucleus Magnocellularis*; Jason Tait Sanchez, adviser.

- Rabab Rangwala.** *Phases of Respiration Surrounding Swallowing: Examining the Impact on Swallowing Impairment and Airway Protection in Parkinson's Disease*; Bonnie Martin-Harris, adviser.
- Raniah Saadi.** *Clinical Effects of Nasal High Airflow on Swallowing Physiology, Respiratory-Swallowing Patterning, and Temporal Measures in Advanced Stable Chronic Obstructive Pulmonary Disease*; Bonnie Martin-Harris, adviser.
- Jiayin Xing.** *An Investigation of Multimodal Skill Coordination Contributing to Social Communication in Autism Spectrum Disorder and First-Degree Relatives*; Molly Losh, adviser.

COMMUNICATION STUDIES

- Beatrice Choi.** *Inventing Technologies of Consequence: Open-Source Software and the Politics of Technoscientific Innovation in Brazil*; Dilip Parameshwar Gaonkar, adviser.
- Marissa Croft.** *State of Dress: Rhetoric and Clothing Reform in Revolutionary France, 1789–1804*; Angela G. Ray, adviser.
- Patricia England.** *No Place for Politics: New Media and Old Problems in Actually Existing Ordinary Democracy*; Robert Hariman, adviser.
- Ashley Ferrell.** *Family Legacies and University Lineages: US Universities, Slavery, and Feminist Rhetorics of Redress*; Angela G. Ray, adviser.
- Sarah Idzik.** *Odd Hospitality: Race, Kinship, and Rhetorics of Transnational Adoption*; Robert Hariman, adviser.
- James Proszek.** *Talking with Bots: Understanding Automated Agency and Building Civic Pedagogies in the Digital Age*; Robert Hariman, adviser.
- Jose Luis Quintero Ramirez.** *Posting Publicly: Deliberation, Suggestion Algorithms, and Publicity in Web 2.0*; Robert Hariman, adviser.
- Dylan Rollo.** *Utopos: Architectural Tropes and Rhetorical Imaginings in the Structures of Utopian Feeling*; Robert Hariman, adviser.

COMPARATIVE LITERARY STUDIES

Yemi Sayo Ajisebutu. *Oríki and Being: The Yorùbá Consciousness in Africana Diasporic Fiction and Art*; Evan Mwangi, adviser.

Wenhan Zhang. *Conscience under Tyranny: Resistance and the Problem of Judgment in Sixteenth-Century English and Scottish Thought*; William N. West, adviser.

EARTH AND PLANETARY SCIENCES

Chuxuan Li. *Augmentation and Use of WRF-Hydro to Predict Rainfall-Triggered Landslide Susceptibility at Regional Scales*; Daniel E. Horton, adviser.

Anastasia Montgomery. *An Analysis of Urban Air Quality and Health Impacts Using High-Resolution Chemical Transport Model Simulations*; Daniel E. Horton, adviser.

Floyd Nichols. *Examining Lipid Biosignatures and Organic Carbon in Mars-Analog Hypersaline Lakes*; Magdalena Osburn, adviser.

ECONOMICS

Matias Bayas-Erazo. *Essays in Macroeconomics and Fiscal Policy*; Marios Angeletos and Guido Lorenzoni, advisers.

Maria Betto. *Essays on Choice, Games, and Information*; Marciano Siniscalchi, adviser.

Clement Bohr. *Essays on Structural Change and the Dynamics of Prices*; Lawrence J. Christiano, adviser.

Diego Cid Ortiz. *Essays in Financial Economics*; Martin Eichenbaum, adviser.

Marie-Louise Decamps. *Essays in Development Economics*; Seema Jayachandran and Christopher Udry, advisers.

Fergal Hanks. *Essays in the Macroeconomics of Labor Markets*; Matthias Doepke, adviser.

Diego Huerta. *Essays in Macroeconomics and Public Policies*; Georgy Egorov and Giorgio Primiceri, advisers.

Deborah Kim. *Hypothesis Testing in Econometrics*; Ivan A. Canay, adviser.

Panagiotis Kyriazis. *Essays in Economic Theory and the Economics of Information*; Alessandro Pavan, adviser.

Anran Li. *Essays on Health Care Market Regulations*; David Dranove and Igal Hendel, advisers.

Gastón López. *Essays on Government Interventions in Imperfectly Competitive Markets*; Robert Porter, adviser.

Kaman Lyu. *Essays in Development Economics*; Christopher Udry, adviser.

Matthew O'Keefe. *Transaction Costs and Market Design in Energy Markets*; Robert Porter, adviser.

Francisco Pareschi. *Essays on Regulation and Public Policy in Imperfectly Competitive Markets*; Igal Hendel, adviser.

Genia (Evgeni) Rachkovski. *Essays on the Economics of Education and Information*; Jonathan Guryan, adviser.

Ahnaf Rafi. *Essays in Econometrics*; Joel Horowitz, adviser.

Maren Vairo. *Essays in Economic Theory*; Eddie Dekel and Bruno Strulovici, advisers.

Jingyuan Wang. *Government Policies in the Clean Energy Transition*; Mar Reguant, adviser.

Tomas Wilner. *Essays on the Economics of Environmental Regulation*; Mar Reguant, adviser.

ENGLISH

Philip Ellefson. *Slum Stories: Rental Housing Architecture and Narrative Form in Urban US Fiction, 1854–1954*; Jay Grossman, adviser.

William Graves. *Dark Gardening in the Vertigo Cold: Black Masculinity and Ungendering in the Contemporary Literary and Cultural Imagination*; Alexander G. Weheliye, adviser.

Katherine Scharfenberg. *Nations Taking Place: Unsettling Geographies in Indigenous and American Literatures*; Betsy Erkkilä and Kelly Wisecup, advisers.

FINANCE

- Chao Liu.** *Essays on Mortgage and Housing Markets*; Gregor Matvos, adviser.
- Roma Poberejsky.** *Essays on Competition and Innovation*; David Matsa, adviser.
- Weijia Zhao.** *Essays on Political Economy of Finance*; Paola Sapienza, adviser.

FRENCH AND FRANCOPHONE STUDIES

- Gorgui Tall.** *The Mechanisms of Cultural Production in the Postcolony: Plurality, Relationality, and (Auto)-Translation in the Senegalese Novel*; Nasrin Qader, adviser.

HEALTH SCIENCES INTEGRATED PhD

- Cerina Dubois.** *Medical Cannabis Use and Its Association with Self-Reported Pain, Opioid Use, Quality of Life, and Psychological Well-Being in the Illinois Opioid Alternative Pilot Program (OAPP)*; Neil Jordan, adviser.
- Abhijit Grewal.** *Is Nurse Practitioner Full-Practice Authority Associated with Medication-Assisted Treatment for Veterans with Opioid Use Disorder? Evidence from outside the Veterans Health Administration*; Neil Jordan, adviser.
- Mohamed Hasan.** *Implementation of Home-Based Telerehabilitation of Stroke Survivors*; Donna Woods, adviser.
- Julianne Murphy.** *Health Outcomes after Stroke: Determinants, Complications, and Prediction*; Andrew M. Naidech, adviser.

HISTORY

- Claire Arnold.** *The Demands of Distance: British Families in the World, 1800–1910*; Deborah Anne Cohen, adviser.
- Chernoh Alpha Muhammad Bah.** *Resolving an Empire Problem: Public Health, Convict Labor, and the Revenue Crisis in Colonial Sierra Leone, 1914–1944*; Helen Tilley, adviser.
- Andrea Christmas.** *Choreographing Desire: Sexuality and Citizenship at the Paris Opéra Ballet, 1789–1848*; Tessie P. Liu, adviser.
- Felipe Ford Cole.** *When Debt Made Sovereignty, 1820–1933*; Paul James Gillingham, adviser.

- Lev Daschko.** *Steam Engines, Postcards, and White Table Linens: Technology and Modernity in Austrian-Ruled Chernivtsi and Bukovina (1861–1916)*; Yohanan Petrovsky-Shtern, adviser.

- Mitchell Robert Edwards.** *Cultivating Refuge: A Long History of Dealing with Disaster in North-Central Uganda, 1720–2006*; Jonathon P. Glassman, adviser.
- Matthew Foreman.** *To Mix or Not to Mix: Race Science, Miscegenation, and the Making of the Chinese Race*; Peter J. Carroll, adviser.
- Erica Gilbert-Levin.** *Urban Crucible: Racial Conflict and City Politics in Chicago, 1946–1964*; Kevin Boyle, adviser.
- Norman Joshua.** *Fashioning Authoritarianism: Militarization of Society in Indonesia, 1930–1966*; Haydon Leslie Cherry, adviser.
- Holly Swenson.** *Cultural Commerce: How Media Exports Made the British World in Australia, 1850–1990*; Deborah Cohen, adviser.

DRISKILL GRADUATE

PROGRAM IN LIFE SCIENCES

- Abdalla Abdrabou.** *Amplifying Genome-Wide CRISPR-Screens Potential in Cancer Drug Discovery*; Shana Kelley, adviser.
- Kishore Reddy Anekalla.** *Role of Alveolar Epithelial Cells and Macrophages in the Pathogenesis of Respiratory Viral Infections: Computational Approach Using Transcriptomics*; Karen M. Ridge, adviser.
- Zhangying (Jennie) Chen.** *T-cell Infiltration as a Novel Therapeutic Target in Aged Traumatic Brain Injury*; Steven Schwulst, adviser.
- Shweta Dipali.** *Cellular and Extracellular Matrix Mechanisms Underlying Ovarian Aging*; Francesca Duncan, adviser.
- K. Ashley Fetterman.** *Utilizing Mature, Patient-Specific hiPSC-CMs to Investigate Pediatric Calmodulinopathy*; Paul W. Burridge, adviser.
- Mallory Filipp.** *Immunometabolic Regulation of Inflammation during Cardiometabolic Heart Failure with Preserved Ejection Fraction*; Edward Thorp, adviser.

Hannah Happ. *Identifying Missing Etiologies in the Genetic Epilepsies*; Gemma Louise Carvill, adviser.

Michael Kahl. *m6A RNA Methylation in Neuronal Metabolism and Aging*; Yongchao Ma, adviser.

Sakshi Khurana. *Noncanonical Functions of CENP-F in Chromosomal and Genomic Instability*; Daniel R. Foltz, adviser.

DongHo Kim. *Elucidating the Role of Alphaherpesvirus pUL37 Tegument Protein during Neuroinvasion*; Greg Smith, adviser.

Tae-Eun Kim. *Dissecting the Stability Determinants of a Challenging De Novo Protein Fold and Assay Development to Identify Cell-Penetrating Miniproteins*; Gabriel Rocklin, adviser.

Connor Lantz. *Clearance of Dying Cells Fuels Cardiac Macrophages for Wound Healing*; Edward Thorp, adviser.

Ted Ling Hu. *Enhancing Response Strategies to Emerging Pathogens: Genomic Surveillance Challenges, Opportunities, and SARS-CoV-2 Variant Insights*; Judd F. Hultquist, adviser.

Carolyn Lorch. *Sucrose Overconsumption Impairs AgRP Neuron Dynamics and Promotes Palatable Food Intake*; Lisa Beutler, adviser.

Nikita Mani. *Acidity Induces Durable Enhancement of Treg Cell Suppressive Functions for Tumor Immune Evasion*; Deyu Fang, adviser.

Joyce Ohiri. *Modeling Filamin-C Mutations Causing Cardiomyopathy*; Elizabeth M. McNally, adviser.

Emma Schuster. *Novel Role of Plexin-B2 in Circulating Tumor Cell Clustering and Metastasis in Triple Negative Breast Cancer*; Huiping Liu, adviser.

Rebecca Southern. *IgM and IgG1 B-cell Receptors Differentially Impact B-cell Fates and Dictate the Pathogenesis of Mature B-cell Lymphomas*; Vipul Shukla, adviser.

Manuel Torres Acosta. *Regulatory T-cells Require AMP-Activated Protein Kinase to Sustain their Function in Pathological Settings Characterized by Microenvironmental Stress*; Benjamin Singer, adviser.

Hanyin Wang. *Enhancing Automated Diagnostics in Critical Care: Harnessing the Power of Artificial Intelligence with Heterogenous Health Data*; Yuan Luo and Andrew Naidech, advisers.

Juan Wang. *3D Genome Architecture and Structure Variations in Transcriptional Regulation in Cancer*; Feng Yue, adviser.

MANAGEMENT AND ORGANIZATIONS

Seok-Hyun (Stephen) Hwang.* *Three Essays on Corporate Governance*; Edward Zajac, adviser.

Samantha Kassirer. *The Psychology of Charitable Receiving*; Maryam Kouchaki, adviser.

Eliana Polimeni. *People's Beliefs Lead to Miscalibrated Expectations for Rewarding Work*; Loran Nordgren, adviser.

Wei Wang. *The Relationship between Firms' Communication and Practices on Social and Environmental Issues*; Klaus Weber, adviser.

MANAGERIAL ECONOMICS AND STRATEGY

Hossein Alidaee. *Essays on Social Networks in Development Economics: Measurement, Learning, and Implications*; Christopher Udry, adviser.

Carlo Medici. *Essays in Labor Economics, Political Economy, and Economic History*; Joel Mokyr and Nancy Qian, advisers.

Ritwika Sen. *Essays on Development and Organizations*; Michael Powell and Christopher Udry, advisers.

MARKETING

Julia (You Jin) Jeong. *"You Worked Hard, but I Was Born This Way": Self-Other Discrepancy in the Attribution and Communication of Skill*; Neal Roese and Rima Touré-Tillery, advisers.

Malika Korganbekova. *Essays on the Economics of Privacy and Digitization*; Eric Anderson and Brett R. Gordon, advisers.

Jane Jiaqian Wang. *Guilty or Not? Effects of Physical Attractiveness on Judgments of Transgressions*; Angela Y. Lee, adviser.

Bindan Zhang. *Monetizing Content: Navigating the Creator Economy for Sustainable Growth*; Brett Gordon, adviser.

*Degree awarded 2019–20

MATHEMATICS

Erik Hupp. *Monotone Quantities in Riemannian Geometry: Two Case Studies*; Aaron Naber, adviser.

MEDIA, TECHNOLOGY, AND SOCIETY

John Brooks. *Touching Tales for Touchy Topics? Engaging Contentious Issues through Narrative Persuasion*; Nathan Walter, adviser.

Floor Fiers. *Chasing the Ideal and Making It Work: Pursuing Employment in the Remote Gig Economy*; Eszter Hargittai and Aaron Shaw, advisers.

Breniel Lemley. *Exploring Parent and Child Perceptions of an Educational Television Show with a Culturally Inclusive Focus to Computational Thinking*; Ellen Ann Wartella, adviser.

Camille Saucier. *Mitigating Misinformation through Motivation: Exploring the Role of Affirmation in Curbing Conspiracy Belief*; Nathan Walter, adviser.

Sapna Suresh. *Tango with a Tale? A Narrative-Based Approach to Curbing Engagement with Misinformation*; Nathan Walter, adviser.

Jasmine Wu. *Hybrid Workplace: Understanding Flexibility in Spatial, Temporal, and Digital Domains from a Network Perspective*; Noshir Contractor, adviser.

INTERDEPARTMENTAL NEUROSCIENCE

Alexander Cates. *Gaze and Gait: How Motor Learning and Concussive Injury Change Where We Look and Our Visual Reliance*; Keith E. Gordon, adviser.

Sidhanth Chandra. *Gut Microbiome Regulation of Reactive Astrocytosis in Alzheimer's Disease*; Robert Vassar, adviser.

Sara Dunlop. *Localization and Regulation of BMP Antagonism within the Neurogenic Niche*; John Kessler, adviser.

Hongkai Wang. *Therapeutic Electrical Stimulation to Improve Recovery of Diaphragm Function after Phrenic Neuropathy*; Colin K. Franz and John A. Rogers, advisers.

OPERATIONS MANAGEMENT

Hejun Choi. *Essays on Managing Variety and Intervention in Retail and Service Operations*; Achal Bassamboo and Ohad Perry, advisers.

Neha Sharma. *Designing Online Platforms*; Achal Bassamboo, adviser.

PHILOSOPHY

Susan Bencomo. *Desire and the Birth of the Self: What Plato's Theory of Eros Can Tell Us about Value*; Richard H. Kraut, adviser.

PHYSICS

Bingjie Hao. *Understanding the Wiring Mechanisms of Complex Networks through Maximum-Entropy Ensembles*; István Kovács, adviser.

Junguang He. *Weak Link, Confinement, and Disorder in Superconductors and Superfluids*; James A. Sauls, adviser.

Patrick Krantz. *Low-Temperature Electrical Transport Behavior of AlOx/KTaO3-Based Two-Dimensional Electron Gases*; Venkat Chandrasekhar, adviser.

Jinyang Li. *Large Momentum Transfer and Spin Squeezing for Atom Interferometry*; Selim Shahriar, adviser.

Man Nguyen. *Quantum Acoustics in Superfluid Helium-3*; William Halperin, adviser.

Nicolas Pavao. *Defining the Ultraviolet: Aspects of Perturbative Dualities in Quantum Field Theory*; John Joseph M. Carrasco, adviser.

PLANT BIOLOGY AND CONSERVATION

Amelia Litz. *Phenological Drivers and Consequences for Solitary Bees*; Amy Iler, adviser.

POLITICAL SCIENCE

Miruna Barnoschi. *The UNeffect: Security Council Interventions in Cold War Armed Conflicts*; Jason W. Seawright, adviser.

Owen Brown. *Ordering through Race/Racializing through Order: Race and the Production of International Order*; Elizabeth Shakman Hurd, adviser.

Lucien Ferguson. *The Spirit of Caste: Recasting the History of Civil Rights*; Mary Dietz, adviser.

Dara Gaines. *Dirt Road Democracy: How Political Context Shapes Rural Black Mobilization*; Reuel R. Rogers, adviser.

Nathalia Justo. *The Global Politics of Citizenship: Producing and Protecting the "Deserving" Subject*; Elizabeth Shakman Hurd, adviser.

Lamin Keita. *The Politics of Community Resilience to Armed Jihadism in West Africa*; William Reno, adviser.

Jeremy Levy. "How Could Anyone Believe That?": *Interacting with Unfamiliar Beliefs across the US Political Divide*; James N. Druckman, adviser.

Pilar Manzi Gari. *Poverty, Inequality, and Policy Preferences: Economic Elite Attitudes in Latin America*; Jason W. Seawright, adviser.

Ivonne Montes Diaz. *Essays on the Effects of Gender, Race, and Socioeconomic Factors on Immigration Policy and Public Opinion*; James N. Druckman, adviser.

Kumar Ramanathan. *Building a Civil Rights Agenda: The Democratic Party and the Origins of Racial Liberalism*; Reuel R. Rogers, adviser.

PSYCHOLOGY

Adrianna Bassard. *Learning to Decipher Speech in Noise and the Impact of Sleep on Learning*; Ken Paller, adviser.

Janene Cielto. *Seeing Her Race: How Hair Texture Affects Social Evaluation in Video-Mediated Communication*; Douglas L. Medin, adviser.

Arielle Elliott. *The Role of Partner Knowledge Inferences in Text-Based Collaborative Workspaces*; William S. Horton, adviser.

Yuan Catherine Han. *Consolidation of Implicit Auditorily Cued Motor Sequence Learning during Sleep*; Paul J. Reber, adviser.

Alexis Porter. *Understanding Cognitive and Psychopathological Variability: The Role of Individual Differences in Machine-Learning Applications*; Caterina Gratton, adviser.

Roberto Josiah Rosario. *Ecologically Compressed: A Psychological Examination of Students' Experiences during Hostile Sociopolitical Events*; Leoandra Onnie Rogers, adviser.

Apoorva Shivaram. *From Concrete to Abstract: Factors That Influence Relational Ability in Infancy and Early Childhood*; Susan Hespos, adviser.

Max Smith. *Spectral-Power Changes Index-Deliberate Augmentation of Creative Thought Generation*; Marcia F. Grabowecy, adviser.

Andrea Yetzer. *Maintaining the Moral Self: Direct vs. Indirect Compensatory Consumption to Affirm the Moral Self after Threat*; Wendi L. Gardner, adviser.

RELIGIOUS STUDIES

Rachel Levy. *Do Clothes Make the Man?: Sartorial Rhetoric in the Writings of Thirteenth- to Seventeenth-Century Drukpa Kagyu Masters*; Sarah H. Jacoby, adviser.

Marlon Millner. *Without the Body, Within the Flesh: Blackness, Biopolitics, Spirit Baptism, and the Exilic Afterlife of Pentecostalism*; Cristina Traina, adviser.

SCREEN CULTURES

Madison Brown. *Memorial Housekeeping: Cleaning Up as Curation in the Familial Media Archive*; Lynn Spigel, adviser.

Myrna Moretti. *Ordinary Electronic: Popular Culture, Gender, and Everyday Life*; Ariel Rogers, adviser.

Golden Owens. *Mechanical Maids: Digital Assistants, Domestic Spaces, and the Specter(s) of Black Women's Labor*; Miriam Joanna Petty, adviser.

Jennifer Smart. *Sound in Art: Museum Audio in the Age of Ubiquitous Music*; Jacob Smith, adviser.

Ashley R. Smith. *White with Terror: Monstrous Figurations of Whiteness in Post-Studio American Horror*; Jeffrey A. Sconce, adviser.

SOCIOLOGY

Laura Acosta Gonzalez. *Social Origins of Perpetual Civil Wars*; James L. Mahoney, adviser.

Karla Brown. *From Priest to Prisoner: Examining the Contribution of Pioneers in the Chicagoland Reentry Landscape from the 1950s to the 1970s*; Andrew V. Papachristos, adviser.

Yannick Coenders. *Dispersal: How Western Cities Came to Oppose Nonwhite Residential Concentration Post-World War II*; Ann Shola Orloff and Michael Rodríguez-Muñiz, advisers.

Emilio Lehoucq. *Open-Source Capitalism and the Rise of Machine Learning*; Charles Camic and Wendy Espeland, advisers.

Kenneth Pass. *HIV Apartheid: Black Politics and the Fight against Health Inequities*; Celeste Watkins-Hayes, adviser.

Sonia Planson. *Racialized Assimilationism and the Dilemmas of Cultural Transmission: Immigrant Families in Paris and Chicago*; Mary E. Pattillo, adviser.

Rahardhika Arista Utama. *Embedded Peasantry and Economic Transformation in the Asian Rubber Belt*; Monica Prasad, adviser.

SPANISH AND PORTUGUESE

Alicia Vanessa Nuñez Marroquín. ‡ *Shadow Kids: The Child in Central American Migrant Narratives*; Frances R. Aparicio, adviser.

STATISTICS AND DATA SCIENCE

Tsz Kit Lau. *Optimization, Sampling, and Their Interplay: Theory and Applications to Statistics and Machine Learning*; Han Liu, adviser.

TECHNOLOGY AND SOCIAL BEHAVIOR

Leesha Shah. *Agile Research Studios: Learning Ecosystems to Scale Effective Research Training*; Haoqi Zhang, adviser.

Yixue Wang. *Audiences as Media Users: Supporting Audience Engagement via Algorithms and Designs*; Nicholas Alexander Diakopoulos, adviser.

INTERDISCIPLINARY THEATRE AND DRAMA

Rebekah Bryer. *National Acts: Performance, Commemoration, and the Construction of American Public Memory in the Aftermath of the Civil War*; Tracy C. Davis, adviser.

Keary Watts. *Strategic Blackface: Redeploying American Minstrelsy from Black Arts to #BlackLivesMatter*; Tracy C. Davis, adviser.

‡Northwestern University Presidential Fellow

MASTER OF FINE ARTS

ACTING

Kevin Aoussou. Acting Portfolio; Stan Brown and Sandra U. Marquez, advisers.

Katherine Compton. Acting Portfolio; Helena S. Kays, adviser.

Lucero Espinoza Calderon. Acting Portfolio; Stan Brown and Sandra U. Marquez, advisers.

Matthew Martin. Acting Portfolio; Sandra U. Marquez and Cristal Chanelle Truscott, advisers.

ART THEORY AND PRACTICE

Maximiliano Cervantes. *Half & Half*; Steve Reinke, adviser.

Tarik Dobbs. *Dearbornistan: From Henry Ford's Sociological Department*; Michael Rakowitz, adviser.

Morisha Moodley. *Half & Half*; Steve Reinke, adviser.

Jonathon Rosemond. *Half & Half*; Brendan Fernandes, adviser.

LITOWITZ CREATIVE WRITING

MFA/MA PROGRAM

Lydia Abedeen. *Half-Wife*; Chris Abani, adviser.

George Abraham. *When the Arab Apocalypse Comes to America*; Natasha Trethewey, adviser.

Surya Milner. *The Far West: Essays*; Daisy Hernández, adviser.

DIRECTING

Kelsey Ervi. *Searching for the Knowing; or, Artistic Liberation during a Global Pandemic*; Jessica M. Thebus, adviser.

Katherine Lupica. *Directing as Priesthood: Sacredness and Stewardship in a Devotional Practice of Theatre-Making*; Jessica M. Thebus, adviser.

DOCUMENTARY MEDIA

Jeny Amaya. *Los Hoyos*; Paloma Martinez, adviser.

Joshua Coverdale. *Weaving the Pieces Together*; Paloma Martinez, adviser.

Obed Lamy. *Haitian AIDS Activism—Short Documentary*; Kyle Henry, adviser.

Dalissa Montes De Oca Mosquea. *Nothing Out of the Island*; Paloma Martinez, adviser.

Eric Nuding. *A Pool in Which I Play*; Eric A. Patrick, adviser.

Johnaé Strong. *Black Things Today*; Marco Williams, adviser.

Luyao Tian. *Put Your Heart Down*; Ines Sommer, adviser.

STAGE DESIGN

Seojung Jang. Lighting Design Portfolio; Marcus Doshi, adviser.

Ben Kress. Costume Design Portfolio; Linda Roethke, adviser.

Lia Wallfish. Costume Design Portfolio; Ana Kuzmanić, adviser.

WRITING FOR THE SCREEN AND STAGE

Akosua-Asamoabea Ampofo. *No Longer at Ease: An Exploration of Grief, Faith, and Healing*; Erin Courtney, adviser.

Makeda Declat. *Gold Is Deep*; Tracey S. Wilson, adviser.

Joslyn Housley. *unWrest*; Thomas Bradshaw, adviser.

Kate McMorrán. *Love Like Real*; Tracey S. Wilson, adviser.

OTHER CEREMONY PARTICIPANTS AND STAFF

HOODING FACULTY

Frances Aparicio
Xiaomin Bao
Achal Bassambo
Kevin Boyle
Thomas Bradshaw
Paul Burridge
Ivan Canay
Pamela Carpentier
John Joseph Carrasco
Peter Carroll
Gemma Carvill
Venkat Chandrasekhar
Lin Chen
Haydon Cherry
Lawrence Christiano
Deborah Cohen
Noshir Contractor
Erin Courtney
Tracy Davis
Francesca Duncan
Kyla Ebels-Duggan
Stephanie Edgerly
Wendy Espeland
Omar Farha
Peter Fenves
Daniel Foltz
Colin Franz
Dilip Gaonkar
Wendi Gardner
Changiz Geula
Nathan Gianneschi
Todd Gingrich
Jonathon Glassman
Henry Godinez
Brett Gordon
Keith Gordon
Caterina Gratton
James Griffith
Jay Grossman
Jonathan Guryan
Robert Hariman
Susan Hespos
Joel Horowitz
Daniel Horton

William Horton
Judd Hultquist
Joseph Hupp
Sarah Jacoby
E. Patrick Johnson
Neil Jordan
Vicky Kalogera
Neil Kelleher
Caroline Kent
Jack Kessler
Christina Kiaer
Maryam Kouchaki
István Kovács
Richard Kraut
Christopher Kuzawa
Ana Kuzmanić
Robert Launay
Angela Lee
Joshua Leonard
William Leonard
Han Liu
Huiping Liu
Tessie Liu
Molly Losh
Yuan Luo
James Mahoney
Chris Malliakas
Tobin Marks
Bonnie Martin-Harris
Juan Martinez
Paloma Martinez
Mary McGrath
Thomas Meade
Chad Mirkin
Alfonso Mondragon
Evan Mwangi
Andrew Naidech
Stephen Nelson
Justin Notestein
Matthew Notowidigdo
Teri Odom
Thomas O'Halloran
Ann Shola Orloff
Magdalena Osburn
Andrew Papachristos
Mary Pattillo
Alessandro Pavan
Yohanan Petrovsky-Shtern
Miriam Petty
Heather Pinkett

Robert Porter
Michael Powell
Nasrin Qader
Michael Rakowitz
Angela Ray
Paul Reber
Mar Reguant
Lane Relyea
William Reno
Karen Ridge
Heather Risser
Megan Roberts
Gabriel Rocklin
Michael Rodríguez-Muñiz
Linda Roethke
Ariel Rogers
Leoandra Onnie Rogers
Reuel Rogers
George Schatz
Karl Scheidt
Tiffany Schmidt
Steven Schwulst
Jeffrey Sconce
Jason Seawright
Shauna Seliy
Selim Shahriar
Elizabeth Shakman Hurd
Aaron Shaw
Benjamin Singer
Marciano Siniscalchi
Greg Smith
J.D. Smith
C. Riley Snorton
Randall Snurr
Ines Sommer
Julia Stern
Bruno Strulovici
Satoru Suzuki
Gábor Székelyhidi
Jason Tait Sanchez
Jessica Thebus
Regan Thomson
Edward Thorp
Helen Tilley
David Tolchinsky
Rima Touré-Tillery
Natasha Trethewey
Cristal Chanelle Truscott
Christopher Udry
Robert Vassar

Tracy Vaughn-Manley
Laurie Wakschlag
Nathan Walter
Ellen Wartella
Celeste Watkins-Hayes
Klaus Weber
William West
Sadie Wignall
Barry Wimpfheimer
Jeffrey Winters
Kelly Wisecup
Gayle Woloschak
Donna Woods
Feng Yue
Rebecca Zorach

UNIVERSITY
REPRESENTATIVE

Kathleen M. Hagerty,
Provost

THE GRADUATE SCHOOL
ASSOCIATE DEANS

Sheehan D. Fisher
Sergiy Kucherenko
Miriam J. Petty
Gayle E. Woloschak

SCHOOL REPRESENTATIVES

Judd A. and Marjorie
Weinberg College
of Arts and Sciences:
César Braga-Pinto,
Associate Dean for
Graduate Studies

School of Communication:
E. Patrick Johnson, Dean
Angela G. Ray, Associate
Dean for Graduate
Education

J. L. Kellogg School
of Management:
Ulf Böckenholt, Senior
Associate Dean for
Faculty and Research

Feinberg School of Medicine:
Daniel Foltz, incoming
Director of the Driskill
Graduate Program in Life
Sciences

MARSHALS

Lauren-Ashley Buchanan,
The Graduate School
Kenzie A. Cameron,
Feinberg School of
Medicine
Stephen Hill,
Office of Fellowships
Aubrey Korneta,
Northwestern Career
Advancement and The
Graduate School

EVENT ORGANIZERS

Rich Cohrs
Angela Lorenzo

PUBLICATION

Office of Global Marketing
and Communications

THE NORTHWESTERN ALUMNI ASSOCIATION

The Northwestern Alumni Association is dedicated to fostering an enduring relationship between and among Northwestern and its alumni and friends. The NAA also plays a critical role in cultivating and strengthening alumni-to-student and alumni-to-alumni connections via networking and mentoring opportunities; local, international, and affinity communities; programs for recent alumni; lifelong learning; and more. Visit alumni.northwestern.edu to learn more.



Northwestern
University