



USC Dornsife

Dana and David Dornsife
College of Letters, Arts and Sciences

PHD HOODING CEREMONY

USC DANA AND DAVID DORNSIFE
COLLEGE OF LETTERS, ARTS AND SCIENCES

WEDNESDAY, MAY 13, 2026

PROCESSIONAL

WELCOME AND INSTRUCTIONS

STEVEN FINKEL
COLLEGE DEAN OF GRADUATE AND PROFESSIONAL EDUCATION

OPENING REMARKS

ANDREW McCONNELL STOTT
VICE PROVOST FOR ACADEMIC PROGRAMS

ADDRESS

JAMES S. BULLOCK
DEAN

PRESENTATION

OF THE HOOD TO PHD CANDIDATES

CLOSING REMARKS

JAMES S. BULLOCK
DEAN

RECESSIONAL

THE AUDIENCE IS ASKED TO STAND AS THOSE WITH NEWLY CONFERRED DOCTORATES AND FACULTY FORMALLY RECESS. PLEASE REMAIN STANDING UNTIL ALL HAVE EXITED THE TENT.

RECEPTION

HOSTED BY USC DORNSIFE ON PARDEE LAW, BEHIND THE DOHNEY LIBRARY,
IMMEDIATELY FOLLOWING THE CEREMONY.

JAMES S. BULLOCK
DEAN

STEVEN FINKEL
COLLEGE DEAN
OF GRADUATE AND PROFESSIONAL EDUCATION

WILLIAM DEVERELL
DIVISIONAL DEAN FOR THE SOCIAL SCIENCES

IAN EHRENREICH
DIVISIONAL DEAN FOR THE LIFE SCIENCES

AARON LAUDA
DIVISIONAL DEAN FOR
THE PHYSICAL SCIENCES AND MATHEMATICS

REBECCA LEMON
DIVISIONAL DEAN FOR THE HUMANITIES

Today you reach a milestone on your personal and scholarly path that reflects rigorous effort and dedication to learning. Successfully navigating this path is a testament to your ability to solve difficult problems and overcome unforeseen challenges with intelligence and poise. Along with your family and friends, the USC Dornsife community is proud to celebrate these achievements.

Having earned your Doctor of Philosophy degree, you are entrusted with a scholar's most important responsibility: to generate, explore, and transmit new knowledge. I am confident that each of you will leave an indelible mark on your field. I also encourage you to explore new ways through which your talent and leadership as scholars trained in the liberal arts can be applied to create positive impact on society.

Remember, too, that after you leave campus, you will always remain a valued member of the Trojan Family. Please keep us informed of your ongoing endeavors, whether they are within the academy or in another profession. Your success in the world will shine a light on USC Dornsife, helping us to build even stronger doctoral programs for those scholars who follow in your footsteps.

Congratulations and best of luck in the boundless opportunities that await you.

A handwritten signature in black ink that reads "James S. Bullock". The signature is written in a cursive style with a long horizontal line above the first few letters.

JAMES S. BULLOCK,

DEAN

PHD CANDIDATES

SUHAIB ABDURAHMAN

Psychology

Dissertation Chair: Morteza Dehghani
Dissertation: Generative Agents for Social Psychology: Modeling the Causal Dynamics of Threat Perception and Intergroup Conflict

ADRIENNE ADAMS

American Studies and Ethnicity

Dissertation Chair: Shawn McDaniel
Dissertation: Black Obsolescence: The Affective Ruse and Plastic World of Technostalgia

ANUSHAN ALAGARATNAM

Chemistry

Dissertation Chair: Surya Prakash
Dissertation: Advancing the Methanol Economy: Integrated Chemical Technologies for Carbon Dioxide Capture and Conversion.

GILBERT AMPOMAH

Chemical Biology

Dissertation Chair: Matthew Robert Pratt
Dissertation: O-GlcNAcylation and protein aggregation

ASHLEY ARCHAMBEAU

Chemistry

Dissertation Chair: Kate White
Dissertation: Celebrating our Differences: Biophysical and Structural Insights into Insulin Secretory Granule Heterogeneity

MEGAN AWWAD

American Studies and Ethnicity

Dissertation Chair: Evelyn Alsultany
Dissertation: Palestine in Four Elements: A Political Ecology of an Occupied Land

MUSTAFA SENCER AYDIN

Mathematics

Dissertation Chair: Igor Kukavica
Dissertation: Viscous, Anisotropic, Stochastic, Temporal, And Free-boundary Effects in Incompressible Fluid Dynamics

GEORGE BAFFOUR PIPIM

Chemistry

Dissertation Chair: Anna I. Krylov
Dissertation: First-Principle Modeling of Dynamics and Spectroscopic Signatures in Functional Molecular Systems

TANEUM BAMBRICK

Creative Writing and Literature

Dissertation Chair: Susan McCabe
Dissertation: To Make Skunks into Valentines: Animacy, Resistance, and the Stinky Divine

NINA BARR

Molecular Biology

Dissertation Chair: Derrick Morton
Dissertation: RNA exosome-mediated RNA surveillance governs developmental timing in the human cerebellum

ALEXIS BEALE

Clinical Psychology

Dissertation Chair: Dr. Gayla Margolin
Dissertation: Rejection Sensitivity in Romantic Relationships: Links to Relationship Satisfaction and Couples' Behavior

TIMOTHY BENNETT

Chemistry

Dissertation Chair: Barry Thompson
Dissertation: Accessible methods for the synthesis of stereoregular non-conjugated pendant electroactive polymers

SHREYA BHARDWAJ

Economics

Dissertation Chair: Jeffery Weaver
Dissertation: Policy Design, Market Structure, and Unequal Access to Opportunity

ANJALI BHATNAGAR

Marine Biology and Biological Oceanography

Dissertation Chair: Eric A Webb
Dissertation: Linking gene expression, metabolism and community structure to characterize microbiome interactions in the marine N₂ fixer, *Trichodesmium*

YANG BI

Chemistry

Dissertation Chair: Charles McKenna
Dissertation: Antiviral and Anticancer Aminamide Prodrugs: Design, Synthesis, Evaluation, and Mechanistic Studies of Drug Activation

BRIANNA BIRKEL

Geological Sciences

Dissertation Chair: John Vidale
Dissertation: Multiscale Computational Modeling and Seismic Imaging Across Complex Geologic Domains: Applications to Southern California and the Nepal Himalaya

IRENE BOSCO

Philosophy

Dissertation Chair: Mark Schroeder
Dissertation: The Triangle of Innocence: On Victims, Sympathy, and Complaints

SHANNON KATHLEEN BROPHY

Geological Sciences

Dissertation Chair: Dr Frank Corsetti
Dissertation: Paleoecology and biogeochemistry of hydrocarbon seeps during Oceanic Anoxic Event 2 in the Late Cretaceous Western Interior Seaway

MATTHEW BURR

Economics

Dissertation Chair: Giorgio Coricelli
Dissertation: Essays on Information, Advertising, and Economic Behavior

PHD CANDIDATES

BENJAMIN BUSH

Creative Writing and Literature
Dissertation Chair: Aimee Bender
Dissertation: *Catching Up to the Reader in Time: Copresence and Raising the Stakes in Autofiction of the Post-Truth Era*

BRYAN BYRDLONG

Creative Writing and Literature
Dissertation Chair: Dr. Susan Mccabe
Dissertation: *Be(e)ing With: Relationality, Polyvocality, and Black Reimagining in Contemporary Eco-poetics*

VALENTINA CANTORI

Sociology
Dissertation Chair: Paul Lichterman
Dissertation: *Imagining Inclusion: How American Muslim Advocates Craft Public Images in U.S. Civic Life*

REBECCA CARLSON

Philosophy
Dissertation Chair: Mark Schroeder
Dissertation: *Should Expressivism Be True?: Evaluating Our Reasons To Use Moral Language Expressivistically*

VICTORIA CASSADY

Geological Sciences
Dissertation Chair: Frank Corsetti
Dissertation: *The Origin and Evolution of Texture in Carbonate Microbialites*

GRACE CASTILLO

Chemistry
Dissertation Chair: Barry Thompson
Dissertation: *Expanding Sustainable Approaches to Direct Arylation Polymerization*

KEVIN CHANG

Chemistry
Dissertation Chair: Kate White
Dissertation: *Segmenting the Demographics of Insulin Secretory Granules*

MELEK CHEKILI

Comparative Studies in Literature and Culture (Comparative Literature)
Dissertation Chair: Olivia C. Harrison
Dissertation: *Singing Matters: Women's Voices as Survival in Colonial and Postcolonial Tamazgha*

SHIHUI CHEN

Molecular Biology
Dissertation Chair: Carolyn M. Phillips
Dissertation: *Organizing small RNA pathways through biomolecular condensates*

JIAWEN CHEN

Neuroscience
Dissertation Chair: Dion Dickman
Dissertation: *Innovative Calcium Imaging Tools for Characterizing Synaptic Homeostatic Plasticity*

CHUANKAI CHENG

Marine Biology and Biological Oceanography
Dissertation Chair: J. Cameron Thrash
Dissertation: *Physiological Consequences of Oligotrophic Adaptation in Genome-Streamlined SAR11 Bacterioplankton*

JEREMIAH CHOATE

Chemistry
Dissertation Chair: Smaranda Marinescu
Dissertation: *Interfacial Engineering of Immobilized Molecular Catalysts for Enhanced CO₂ Conversion*

YEIYOUNG CHOO

Political Science and International Relations
Dissertation Chair: Saori Katada
Dissertation: *Influence through Discourse: Understanding Regime Complexity in Regional Governance*

CATIE CLEVELAND

Marine Biology and Biological Oceanography
Dissertation Chair: Eric Webb
Dissertation: *Effects of Light and Temperature on the Biogeography of Oceanic Diazotrophs*

BENJAMIN ISAAC STARKMAN COHEN

Neuroscience
Dissertation Chair: Mara Mather
Dissertation: *Cortical Acetylcholine Release to Sensation, Movement and Reward*

TRAM DANG

Molecular Biology
Dissertation Chair: Moh El-Naggar
Dissertation: *Electrochemical and Biophysical Studies of Bacterial Cytochrome Conduits Using Optimized Expression and Purification Approaches*

MICHAEL DEAGLER

Creative Writing and Literature
Dissertation Chair: Hilary Schor
Dissertation: *Creative dissertation: "Five Stories"; Critical dissertation: "The Vestigial Gothic in American Short Fiction"*

JACOB DENOVA

Marine Biology and Biological Oceanography
Dissertation Chair: Suzanne Edmands
Dissertation: *Sex-Specific Responses to Genetic and Environmental Stress in *Tigriopus californicus**

MEGHA DEVRAJ

Philosophy
Dissertation Chair: Robin Jeshion
Dissertation: *Spectacular Communication*

GERMANY PRINCESA DIAZ DE LA CRUZ

Chemistry
Dissertation Chair: Smaranda Marinescu
Dissertation: *Electrochemical Pathways for Sustainable Energy Conversion and Storage*

PHD CANDIDATES

JENNA DILWORTH

Marine and Environmental Biology
Dissertation Chair: Carly Kenkel
Dissertation: Exploring intraspecific variation in the response of reef-building corals to climate change: genotype, environment, and plasticity shape functional diversity

CHANDLER DOBSON

Chemistry
Dissertation Chair: Mark Thompson
Dissertation: Why Is Y6 Special?: The Design Synthesis, and Characterization of Novel Near-Infrared Absorbing Small Molecules for Organic Photovoltaic Applications

YIXUE WENDY FENG

Neuroscience
Dissertation Chair: Paul Thompson
Dissertation: Advanced Statistical and Deep Learning Methods for Diffusion MRI Tractometry

LAURA FENTON

Clinical Science
Dissertation Chair: Dr. Duke Han
Dissertation: Neuroimaging of Financial Vulnerability in Older Age and Relevance for Alzheimer's Disease

ALLISON FORSBERG

Chemistry
Dissertation Chair: Richard Brutchey
Dissertation: In situ and Operando Characterization of Colloidal Nanoparticle Catalysts

GRACE MORRIS FRANKLIN

English
Dissertation Chair: Devin Griffiths
Dissertation: Power Play: Coal-Gas Infrastructure in Literature and Culture

WILLIAM FRIED

Molecular Biology
Dissertation Chair: Dr. Xiaojiang Chen
Dissertation: Structure Based Drug Design of Inhibitors Targeting Drivers of Genetic Instability and Drug Resistance in Cancer

ADIT GHOSH

Geological Sciences
Dissertation Chair: Dr. Frank A. Corsetti
Dissertation: Sheep, Trees, and Fire — How Life Rewrites Landscapes and Global Biogeochemistry from Deep Time to Today.

ABIGAIL GIBSON

History
Dissertation Chair: William Deverell
Dissertation: Fearful Land: Terror and the Making of the American West in the Age of Expansion

INGA GIRSHFELD

Applied Mathematics
Dissertation Chair: Dr. Xiaohui Chen
Dissertation: Neural Local Wasserstein Regression

CASSIN GONZALES

Psychology
Dissertation Chair: Jonathan Tarbox
Dissertation: The Autism Diagnosis Transition Period: An Exploration of Family Experiences and Pilot for Intervention

DREW GORENZ

Psychology
Dissertation Chair: Norbert Schwarz
Dissertation: A Fluency-Coherence Framework for Humor Appreciation

SILVIA GUADAGNINI

Physics
Dissertation Chair: Michelle Povinelli
Dissertation: Design and Fabrication of Micro- and Nano-Devices for Spectrally-Selective and Polarization-Dependent Mid-Infrared Detection

RAMÓN GUDIÑO GARCÍA

Chemistry
Dissertation Chair: Matthew R. Pratt
Dissertation: Chemical genetic approach for cell-selective interrogation of glycosylation in living cells

XINYU (BRIAN) GUO

Quantitative and Computational Biology
Dissertation Chair: Prof. Liang Chen
Dissertation: Unraveling Gene Regulation and Disease Associations: Cross-Modality Foundation Models

ALEXANDRIA HALL

Creative Writing and Literature
Dissertation Chair: David St. John
Dissertation: Doing Voices: Animation and Subjectivity in the Lyric

ONYUL HAQUE

Psychology
Dissertation Chair: Daphna Oyserman
Dissertation: Difficulty as Improvement: Interpreting Suffering and Its Consequences for Pain Tolerance, Effort Evaluation, Impulsivity, and Moral Decision-Making

GLENN HARTER

Chemistry
Dissertation Chair: Dr. Chao Zhang
Dissertation: AR we there yet?: Heterocycle-Driven Design of Androgen Receptor Antagonists and Mechanistic Insights from Molecular Dynamics Simulations

MUXUAN HE

Linguistics
Dissertation Chair: Elsi Kaiser
Dissertation: Resource-Rational Language Comprehension

ALEXIS MARIE HERNANDEZ

Psychology
Dissertation Chair: Dr. Santiago Morales
Dissertation: Examining Perinatal Risk Factors on Children's Socioemotional Development

RACHEL ELIZABETH KNIGHT

Chemical Biology
Dissertation Chair: Kate White
Dissertation: It's Time to Mature: Age Dependent Insulin Granule - Mitochondria Interactions Drive Late-Stage Insulin Maturation

PHD CANDIDATES

ELLEN HERSCHEL

Brain and Cognitive Sciences

Dissertation Chair: Assal Habibi

Dissertation: Creating Connection: Music and Arts Interventions for Belonging and Wellbeing Across the Lifespan

TAHIREH HICKS

History

Dissertation Chair: William Deverell

Dissertation: Vanishing Act: The Decline and Resurgence of Indigenous Visibility in the Capistrano Valley, 1775-1965

CARA HULL

Molecular Biology

Dissertation Chair: Ian Ehrenreich

Dissertation: Rapidly Building Reduced and Reprogrammed Synthetic Chromosomes in Yeast

OANH HUYNH

Molecular Biology

Dissertation Chair: Matthew Michael

Dissertation: MOLECULAR MECHANISM OF TOPBP1-MEDIATED ATR ACTIVATION AT DNA-DOUBLE-STRAND BREAKS

JOSHUA IBS

Chemistry

Dissertation Chair: Valery Fokin

Dissertation: Total Synthesis and Derivatization of Bioactive Lipids

ANA IWATAKI

Comparative Studies in Literature and Culture (Comparative Literature)

Dissertation Chair: Edwin Hill

Dissertation: The View From Traction: Japanese American Cultural-Spatial Practices in Downtown Los Angeles

SAYANTANI JANA

History

Dissertation Chair: Wolf Gruner

Dissertation: RETHINKING POGROMS AND RIOTS: URBAN SPACE, GENDER, AND COLLECTIVISED VIOLENCE IN THE 1938 NOVEMBER POGROM IN BERLIN AND THE 1946 GREAT CALCUTTA RIOTS

LING JIN

Molecular Biology

Dissertation Chair: Xianrui Cheng

Dissertation: Cytoplasmic Architecture as a Functional Resource: Emergent Spatial Self-Organization and Cell-Free Protein Synthesis in Xenopus Egg Extract

JOHN JONES

History

Dissertation Chair: George Sanchez

Dissertation: Unite Or Perish!: The Revolutionary Action Movement and Dreams of World Black Revolution in the 1960s

ANDREW KAMPFSCHULTE

Population, Health and Place

Dissertation Chair: John Wilson

Dissertation: Spatial and Statistical Methods in Health Research

FARZAN KARIMI MALEKABADI

Psychology

Dissertation Chair: Morteza Dehghani

Dissertation: Empirical Investigation of Moral Foundations Theory and Its Theoretical Refinement

NAYANTHARA KARIPPARA JAYADEV

Chemistry

Dissertation Chair: Anna Krylov

Dissertation: DEVELOPMENT AND APPLICATIONS OF THEORETICAL FRAMEWORK FOR MODELING AUGER DECAY: AN EOM-CC PERSPECTIVE

MARY KATHRYN KENNEDY

Linguistics

Dissertation Chair: Khalil Iskarous

Dissertation: Deeper Interpretability: Discovering Subsurface Linguistic Structure Captured by Large Language Models

YASHNA KHAKRE

Chemistry

Dissertation Chair:

Smaranda C Marinescu

Dissertation: Engineering Active-Sites in Dichalcogenide-based Metal Organic Frameworks for Efficient Water Splitting

MOLLY KLUG

Integrative and Evolutionary Biology

Dissertation Chair: Scott Kanoski

Dissertation: Neuroanatomical and Functional Contributions of the Ventral Hippocampus to Food Motivated-Reward

YAKUP KUTSAL KOCA

Economics

Dissertation Chair: Pablo Kurlat

Dissertation: Three Essays in Labor Economics

JING KONG

Economics

Dissertation Chair: Yuehao Bai

Dissertation: Essays in Econometrics

PHIL KONG

Geological Sciences

Dissertation Chair: Seth John

Dissertation: Sources, sinks, and distributions of particulate metals in environmental gradients

MINJI KWAK

Economics

Dissertation Chair: Vittorio Bassi

Dissertation: Three Essays on Development Economics in Malawi

HAOYU LAN

Neuroscience

Dissertation Chair: Laurent Itti

Dissertation: Overcoming Data Limitations in Large-Scale Neuroimaging: Generative Approaches to Image Synthesis, Harmonization, and Enhancement

GEOFFREY LANG

Chemistry

Dissertation Chair: Matthew Pratt

Dissertation: Decoding O-GlcNAcylation in Disease through Chemical Probes and Semi-Synthetic Proteins

PHD CANDIDATES

CAMERON LANGE

Creative Writing and Literature

Dissertation Chair: Viet Thanh Nguyen
Dissertation: Irony, Mimesis, and the Uncanny in the Literature of Exile and Return

SEOYEON LEE

East Asian Languages and Cultures

Dissertation Chair: Brian Bernards
Dissertation: Decentered Futures: Genre, Gender, and Geopolitics in Chinese and Sinophone Science Fiction

CHARLES CLEMENT LEHNEN

Integrative and Evolutionary Biology

Dissertation Chair: Dr. Craig Stanford
Dissertation: Evolutionary ecology of introduced Española Giant Tortoises (*Chelonoidis niger hoodensis*) and endemic Santa Fe Land Iguanas (*Conolophus pallidus*) on Santa Fe Island, Galapagos, Ecuador.

ZIYUAN LI

Chemistry

Dissertation Chair: Xiaojiang Chen
Dissertation: Structural Basis for Pol Helicase DNA and Inhibitor Binding Revealed by cryo-EM

PHILIP LI

Philosophy

Dissertation Chair: Ralph Wedgwood
Dissertation: Values and Choices

YUHUI LI

Quantitative and Computational Biology

Dissertation Chair: Frank Alber
Dissertation: Quantitative Soft X-Ray Tomography Reveals Stimulus-Specific Remodeling of β -Cell Nuclear Architecture

RUIYI LI

Sociology

Dissertation Chair: Dan Schrage
Dissertation: Global Elites Made in China: How is Cultural Capital Transmitted in and out of Elite Chinese Families?

XINYAN LIANG

Neuroscience

Dissertation Chair: Jeannie Chen
Dissertation: MECHANISMS OF CALCIUM SIGNALING IN RETINAL STRUCTURE AND FUNCTION

YOUNGHAN JUSTIN LIM

Chemistry

Dissertation Chair: Dr. Travis J. Williams
Dissertation: Electrochemical, Oxidative, and Alkaline Approaches to Fiber and Monomer Recovery from Composites

EMMA GRACE LINDQUIST

Clinical Science

Dissertation Chair: Amy West
Dissertation: "Don't Speak for Us. Listen to Us": A Mixed Methods Approach towards Improving Help-Seeking for Self-Harm

TIANLE LIU

Mathematics

Dissertation Chair: Harold Williams
Dissertation: Categorifed Cluster Structure] {A Categorifed Cluster Structure on the Coulomb Branch of $\mathcal{N}=2$ SQCD with $\mathcal{N}_f=2$

JIAQI LIU

Mathematics

Dissertation Chair: Juhi Jang
Dissertation: Self-Similar Singularities in the Compressible Euler Equations

ROSHNI LULLA

Brain and Cognitive Sciences

Dissertation Chair: Jonas Kaplan
Dissertation: Neurobiological, Behavioral, and Artificial Signatures of Darkness: The Interplay of Affective Dysfunction and Utility Maximization

TIRTHICK MAJUMDER

Chemistry

Dissertation Chair: Jahan Dawlaty
Dissertation: Chemistry of Microdroplets and Hydrogen Bond Networks

COLIN MCDANIEL

Psychology

Dissertation Chair: Assal Habibi
Dissertation: Neural Correlates of Semantic Processing in Depression and Creative Cognition

SHAWNTAE MITCHUM

Sociology

Dissertation Chair: Jody Aguis Vallejo
Dissertation: Sites of Care: Student Equity Programs and the Relational Infrastructure of Basic Needs Support in California Community Colleges

OBADIAH MULDER

Quantitative and Computational Biology

Dissertation Chair: Michael "Doc" Edge
Dissertation: Modeling Competitive and Cooperative Connections across Genes and Cells

JOSE EDUARDO MUZQUIZ LOYA

Political Science and International Relations

Dissertation Chair: Jane Junn
Dissertation: Latine Vote Or Latine Votes? Nuance Of Latinidad In Presidential Vote Choice

PYONE MYAT THWE

Chemistry

Dissertation Chair: Prof. Charles McKenna
Dissertation: Structure-Guided Design and Synthesis of Small Molecules for Cancer and Antibacterial Drug Discovery

SNEHA NIMMAGADDA

Economics

Dissertation Chair: Jeffrey Weaver
Dissertation: Essays in Development, Health, and Human Capital

PEYMAN NOURI

Chemistry

Dissertation Chair: Dr. Nicholas Graham
Dissertation: Targeting the Oxidative Pentose Phosphate Pathway in Cancer Cells with High Expression of the Cystine/Glutamate Transporter xCT

PHD CANDIDATES

MICHELLE ORSI

Creative Writing and Literature

Dissertation Chair: David St. John
Dissertation: Between Image and Apparition: Surrealism, Photography, and the Spectral Poetics of Alejandra Pizarnik

SERAP INCI OZYER KOCA

Economics

Dissertation Chair: Pablo Kurlat
Dissertation: Essays on Macroeconomics

MARICARMEN PACHICANO

Neuroscience

Dissertation Chair: Zhen Zhao
Dissertation: Lamina organization and selective vulnerability of CA1 pyramidal neuron cell types in Alzheimer's disease

SRIJITA C. PAL

History

Dissertation Chair: Paul Lerner
Dissertation: The War within the War: The First Wave of the 1918 Influenza Pandemic on the Western Front of the First World War

JIN SEOK PARK

Economics

Dissertation Chair: Matthew E. Kahn
Dissertation: Housing Markets, Household Decisions, and Economic Opportunity

EMILY PATELLOS

Geological Sciences

Dissertation Chair: David Bottjer
Dissertation: Assessing the Ecological, Taxonomic, and Phylogenetic Signal of Osteoderms in Archosauria.

ELOISE PEDERSEN

Integrative and Evolutionary Biology

Dissertation Chair: Craig Stanford
Dissertation: The Influence of Conflicting Transmission Biases on the Social Learning Strategies of Chimpanzees and Children

DANDAN PENG

Quantitative and Computational Biology

Dissertation Chair: Michael "Doc" Edge
Dissertation: Investigating Complex Trait Evolution Through Genetic Simulations

VICTORIA PEREZ

Christian Studies

Dissertation Chair: Cavan Concannon
Dissertation: Inventing Paul: The Pastoral Epistles and the Construction of Pauline Memory in Early Christianity

RUDRA PERSAUD

Chemistry

Dissertation Chair: Valery Fokin
Dissertation: Chemical Strategies for the Interrogation and Control of Inflammatory Lipid Mediators and the Endocannabinoid System

ELENA PETROVA-LIBGOBER

Slavic Languages and Literatures

Dissertation Chair: Colleen McQuillen
Dissertation: Images of Jewish women in Imperial Russia's literature in the first half of the 19th century

JAZMINE PRANA

Chemistry

Dissertation Chair: Michael S. Inkpen
Dissertation: Tuning Chemical Reactivity and Electronic Coupling in Single-Molecule Junctions

KATHY PULUPA

American Studies and Ethnicity

Dissertation Chair: George J. Sanchez
Dissertation: Recreo: Queer Latinx Women Soccer Players and Soccer as Survival

BIXING QIAO

Mathematics

Dissertation Chair: Professor Jianfeng Zhang
Dissertation: Some New Perspectives on Stochastic differential Game Problems

CHENGJIE QIU

Neuroscience

Dissertation Chair: Dion Dickman
Dissertation: Mechanisms of Synaptic Resilience: Elucidating the Inductive Signaling System of Retrograde Homeostatic Plasticity

MATTHEW QUINAN

Geological Sciences

Dissertation Chair: William Berelson
Dissertation: Natural and Enhanced Carbon and Silicon Cycling in Marine Sediment from the Southern California Shelf to the Cocos Ridge

RICE RANDER

Chemistry

Dissertation Chair: Travis Williams
Dissertation: Hydrogen-Transfer Reactions for the Production of Value-added Products.

ALEKSEY RASKOVALOV

Chemical Biology

Dissertation Chair: Vadim Cherezov
Dissertation: Structural Basis of Ligand Efficacy in G Protein-Coupled Receptors

THOMAS RENJILIAN

Creative Writing and Literature

Dissertation Chair: Aimee Bender
Dissertation: I'd Never Felt So Light: Stories

LAURA ROQUE

Creative Writing and Literature

Dissertation Chair: Dana Johnson
Dissertation: Matrilineal Scripts: Cubanas Between Lived Memory and Narrative Form

JEFFREY ROZELLE

Population, Health and Place

Dissertation Chair: Robert O. Vos
Dissertation: Measuring the Health Service Environment in Low- and Middle-Income Countries: Dimensions of Readiness and Access

PHD CANDIDATES

JULIUS SEMENYA

Chemistry

Dissertation Chair: Elias Picazo
Dissertation: NEW CHEMICAL REACTIVITY CATALYZED BY IRON FOR CARBON-HETEROATOM BOND FORMATION USING SOFT COUPLING PARTNERS

ATEF SHEEKHOON

Physics

Dissertation Chair: Vitaly Kresin
Dissertation: Temperature-dependent photoionization of metal nanoparticles: phase transition, isotope, and quantum effects

AMANDEEP SINGH

Physical Chemistry

Dissertation Chair: Andrey F. Vilesov
Dissertation: Infrared Spectroscopy of Small Ions and Radical-Cation Clusters in Helium Nanodroplets

PAULINA SMARUJ

Quantitative and Computational Biology

Dissertation Chair: Geoffrey Fudenberg
Dissertation: From interpretation to design: deep learning approaches to mammalian genome folding.

RACHEL SO

Geological Sciences

Dissertation Chair: Sarah J. Feakins
Dissertation: Cenozoic climate of the Americas– Investigations using long continental biomarker records

REBECCA STARK

Neuroscience

Dissertation Chair: Dion Dickman
Dissertation: Molecular mechanisms underlying synaptic diversity at the *Drosophila* neuromuscular junction

ELIZABETH STIPPELL

Chemistry

Dissertation Chair: Jahan Dawlaty
Dissertation: The Pursuit of Better Energy Materials: Unveiling the Fundamental Mechanisms of Efficient Semiconductors and Fuels Through Molecular Dynamics Simulations

ZOHAIB SUHAIL

Chemistry

Dissertation Chair: Dr. G. K. Surya Prakash
Dissertation: Integrated CO₂ Capture and Conversion to C₁ Products Using Heterogeneous Catalysts

QINYANG TAN

Applied Mathematics

Dissertation Chair: Gary Rosen
Dissertation: INPUT SENSITIVITY OF ESTIMATED PARAMETERS IN ABSTRACT PARABOLIC DISCRETE TIME INPUT/OUTPUT SYSTEMS

YUXUAN TAO

Applied Mathematics

Dissertation Chair: Xiaohui Chen
Dissertation: Differential Privacy Applications in Data Analysis: False Discovery Rate Control and Deterministic Non-Smooth Zeroth-Order Methods

THALIA TOM

Sociology

Dissertation Chair: Ann Owens
Dissertation: Stratification at the Starting Gate: Investigating Heterogeneous Neighborhood Effects on School Readiness

JACKSON PHILLIP TRAGER

Psychology

Dissertation Chair: Morteza Dehghani
Dissertation: The Moral Psychology of Cultural Conflict, Threat, and Technology

SARANYAN (SARAN) UTHAYAKUMAR

Political Science and International Relations

Dissertation Chair: Lan Duong
Dissertation: From The Mud, Lotuses Still Bloom: Defining Cambodian Americans' and Ilankai Tamil Canadians' Diasporic Identities and Second-Generation Political Consciousness.

AERIEL VANLUESAULS

Molecular Biology

Dissertation Chair: Susan L Forsburg
Dissertation: The role of mgs1 in replication fork restart in *Schizosaccharomyces pombe*

LAUREN VISCONTI

Integrative and Evolutionary Biology

Dissertation Chair: Lorraine P. Turcotte
Dissertation: The Interrelationship Between the Neuroendocrine Response to Exercise Stress and the Reproductive Axis

BINHAO WANG

Geological Sciences

Dissertation Chair: Sylvain Barbot
Dissertation: Linking rock rheology to earthquake cycle dynamics

SHANSHAN WANG

Molecular Biology

Dissertation Chair: Xiaojiang Chen
Dissertation: Identification of RBM46 as A Novel APOBEC1 Cofactor for C to U RNA-editing Activity

RUCHA WANI

Ocean Sciences

Dissertation Chair: Will Berelson
Dissertation: Effects of Various Alkaline Feedstocks on Carbon Cycling, Marine Phytoplankton and, Secondary Mineral Precipitation

PHD CANDIDATES

ELISSA WATTERS

Art History

Dissertation Chair: Amy Ogata
Dissertation: Modernist Anarchism:
Radical Artmaking in the Interwar
Rhineland

ALEXIS WHALEN-MUSE

Classics

Dissertation Chair: Stefano Rebeggiani
Dissertation: Incestare Diem: the
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