



EMORY

L A N E Y
G R A D U A T E
S C H O O L

2020 Commencement Program

May 11, 2020

James T. Laney School of Graduate Studies

Lisa A. Tedesco, Ph.D

Vice Provost for Academic Affairs - Graduate Studies
Dean, Laney Graduate School

Master's Degree Recipients

Anthropology

Audrey Marie Jones
Jordan Scott Martin

Art History

Cecily Jane Boles
Abbey Marie Hafer
Anna Katherine McKittrick

Bioethics

Samera Ahmad
Emma Margaret Cooke
Kaylee Cheyenne Davis
Kora Elizabeth-Zeeb Dreffs
Kristina Celeste Fong
Yvonne Kienast
Mary Grace Mattimore
Emily Michels
Mikayla Marie Paolini

Biological and Biomedical Sciences

Shuo Cheng
Rohan Ketan Dhamsania
Stephanie McShea Garceau
Riley Dee Gulbranson
Ellie Mainou
Makalele Alegra Provost

Biomedical Engineering

Joscelyn Claraluz Mejias
Aline Louise Yonezawa Nachlas
Joshua Isai Palacios
Katherine Young

Biostatistics

Grace Seung Kim
Yunchuan Kong
Joshua Daniel Lukemire
Raphael Jamale Murden
Yikai Wang

Chemistry

Alisina Bazrafshan
Amber Lucille Harris
Qiliang Liu
Erin Price
Mahmood Syed
Abraham Tuachi

Clinical Research

Maria Katrina Abril
Ruth O. Adekunle
Megan Brown
Lauren Frances Collins
Adriana Carolina Gamboa
Stephanie L. Garrett
Cassie Marie Grimsley Ackerley
Robert Andrew Harkins
Julia Catherine Haston
Elena HogenEsch
Jessica Renee Howard-Anderson
Onkar Vohra Khullar
Xiaoying Lou
Elizabeth Rebecca Walker
Maxine Flame Warren
Lydia K. Wright
Arslan Muhammad Zahid

Computer Science

Fatemeh Amrollahi
Xiyuan Guo
Yunze Hao
Xun Kuang
Changmao Li
Weijian Li
Yu Li
Jie Lin
Hao Liu
Jade Ting-Ting Liu
Tianhao Liu
Yunsong Liu
Zhexiong Liu
Xinyao Qian
Xudong Ren
Vanshaj Setia
Yue Wang
Jiani Wu
Wenji Yang
Siwen Zhu

Computer Science & Informatics

Ali Ahmadvand
Zelalem Hailu Gero
Payam Karisani
Nasim Katebjahromi
Samaneh Nasiri Ghosheh Bolagh
Ana Lilian Noriega
Mohsen Salari Sharif Abad
Bonggun Shin
Mani Sotoodeh
Azade Tabaie

Development Practice

Kayla Ann Bellman
Alyssa Janel Bovell
Marc Anthony Keith Branch Jr.
Melania Croce
Racquel Jaclyn Figueroa
Erendira Fortanel Herrera
Adrian Scott Glover
Chase Forrest Gorishek
Marinangeles Gutierrez Rivera
Lauren Harper
Andrew Cole Harrison
Katherine Taylor Pons
Rebecca Spens
Mallory St Claire
Julianne Upchurch
Yacob Asheber Zuriaw

Economics

Wahid T. Khan
Santiago Montoya Blandon
Carla Moreno
Simon Ramirez Garces
Yiqing Xiao

English

Madison Elkins
Lauren V. Highsmith
Adam Perry Newman
Palak Taneja

Environmental Health Sciences

Tyiesha Johnson
Elizabeth Tess Sajewski

Environmental Sciences

Danielle Crownover
Emily Strahan
Xinyi Yao

Health Services Research and Health Policy

Rita Wakim

History

Hannah Rose Abrahamson
Alexander Maximilian Cors
Melissa Faris Gayan
Alexandra Lemos Zagonel
Marissa Lynn Nichols
Madelyn Marie Stone

Mathematics

Harris Munger Greenwood
Maryam Khaqan
Jialin Wang

Nursing

Thomas James Flynn

Philosophy

Catherine Elisabeth Fullarton
Yuchen Liang
Jovenn Neo
Christopher Alan Robert Slover
Sarah Louise Kristine Warren

Political Science

Sivaram Cheruvu
Allison Kathleen Cuttner Braden
Fisher Dauzat
Pearce Alexander Edwards
Rachel Allison Harmon
Mary Gardner Macdonald
Elizabeth Wiener

Psychology

Lauren Michelle Bertin
Shauna Marie Bowes
Cyrus N. Chi
Madeleine Flora Cohen
Blair Caroline Pingeton
Shosuke Suzuki
Viviane Valdes
Julia Taylor Wilson

Sociology

Jennifer Lauren Hayward
Melinda D. Johnson
Emily Sweetnam Pingel
Christopher Albert Smith

Women's, Gender and Sexuality Studies

Lisa Renae Frazier
Tracy Lynn Martin
Noemi Yoko Molitor
Quin Michael Rich

Doctoral Degree Recipients

* Graduated August 2019 | ** Graduated December 2019

Nathan Ahlgrim*

Biological and Biomedical Sciences

Joseph Manns, Adviser

Dissertation: The Roles of the Hippocampus and Amygdala in the Formation of Declarative Memory

Mwangala Precious Akamandisa

Biological and Biomedical Sciences

Robert Craig Castellino, Adviser

Dissertation: Mechanisms of Mutated PPM1D in Pediatric Brain Tumorigenesis

Erica Tracey Akhter*

Biological and Biomedical Sciences

Francisco Alvarez and Arthur English, Advisers

Dissertation: The Regulation of the Potassium Chloride Co-transporter KCC2 in Spinal Motoneurons Following Peripheral Nerve Injury

Melissa Alvarado-Velez**

Biomedical Engineering

Ravi Bellamkonda, Adviser

Dissertation: Immuno-suppressive Hydrogels for Stem Cell Therapy after Traumatic Brain Injury

Sarah Emily Anderson**

Biological and Biomedical Sciences

Philip Rather, Adviser

Dissertation: Copy Number of an Antibiotic Resistance Locus Controls Aminoglycoside Heteroresistance and a Virulence Switch in *Acinetobacter baumannii*

Victor Manuel Rodriguez Aricheta*

Mathematics

John Duncan, Adviser

Dissertation: Monstrous Moonshine, Elliptic Curves, and Vertex Algebras

Jane Katherine Arney

Art History

Bonna Wescoat, Adviser

Dissertation: Trojan Prophecy and Golden Offerings: Tripods in Late Republican and Early Imperial Roman Art

Marko Bajic**

Biological and Biomedical Sciences

Roger Deal, Adviser

Dissertation: Establishment and Utilization of INTACT-ATAC-seq to Map Cell Type-Specific Gene Regulatory Networks in Plants

Nusaiba Baker

Biomedical Engineering

Edward Botchwey and Andrew Neish, Advisers

Dissertation: Elucidating the Spatial and Temporal Immune Response to Immunomodulatory Materials

Charles Edward Barber*

Religion

Gary Laderman and Bobbi Patterson, Advisers

Dissertation: It's Complicated: Religion and the HIV/AIDS Epidemic among Black Same-Gender-Loving Men in the South

Morgan S. Barham**

Biological and Biomedical Sciences

Cheryl Day, Adviser

Dissertation: CD4 T Cell Responses in *Mycobacterium tuberculosis* and HIV Co-infection

Alessandro Barone**

Mathematics

Alessandro Veneziani, Adviser

Dissertation: Patient-Specific Modeling in Cardiac Electrophysiology: Parameter Estimation and Personalization

Matias Bascañán Callis

Comparative Literature

Geoffrey Bennington, Adviser

Dissertation: Sovereignty Undone: Reading Ruptures of Self-Reference in Foucault, Hobbes, and Derrida

Moriah Paige Bellissimo Myers

Nutrition and Health Sciences

Jessica Alvarez and Thomas Ziegler, Advisers

Dissertation: Integrated Clinical and Metabolic Phenotyping of Adults with Hidden Adiposity

Lea Beneish

Mathematics

David Zureick-Brown, Adviser

Dissertation: Connections between Mock Modular Forms and Vertex Operator Algebras

John August Bernau**

Sociology

Timothy Dowd and Frank Lechner, Advisers

Dissertation: Talk of Death: American Discourse in Three Spheres

Emmeline LeGendre Blanchard**

Biomedical Engineering

Philip Santangelo, Adviser

Dissertation: Characterizing Protein-Protein and RNA-Protein Interactions in Fixed Cells and Tissue

Sara Valencia Botto

Psychology

Philippe Rochat, Adviser

Dissertation: Emergence and Cognitive Correlates of Evaluative Audience Perception

Allyson Jane Boyington

Chemistry

Nathan Jui, Adviser

Dissertation: Development of Intermolecular Couplings of Aryl Radical Species with Olefins

Stephen Brincks*

Business

Narasimhan Jegadeesh, Adviser

Dissertation: Home Is Where the Bias Is

Maria Anne Briscione*

Biological and Biomedical Sciences

Ellen Hess, Adviser

Dissertation: Abnormal Dopamine Signaling in a Mouse Model of Dystonia

Kelsie L. Brooks**

Biological and Biomedical Sciences

Eric Hunter, Adviser

Dissertation: HIV-1 Reservoir Formation in the Context of Pre-Antiretroviral Therapy Infection

Courtney Venita Buggs*

Religion

Teresa Fry Brown, Adviser

Dissertation: Beyond the Pulpit: Lay Perspectives on Black Laywomen Performing Religious Authority

Jacob Samuel Burman**

Chemistry

Simon Blakey, Adviser

Dissertation: The Development of Complementary Allylic C-H Amination and Amidation Conditions for the Regioselective Functionalization of Group IX MCP*- π -Allyl Intermediates

Laura MacQueen Butkovich*

Biomedical and Biological Sciences

Malu Tansey, Adviser

Dissertation: Transgenic Mice Expressing Human Alpha-synuclein in Noradrenergic Neurons Develop Locus Coeruleus Pathology and Non-motor Features of Parkinson's Disease

Amy Catherine Butner

Art History

Gay Robins, Adviser

Dissertation: Creation of Ritual Space in the Non-Royal Tombs of Amarna

Andres D. Caballero**

Biomedical Engineering

Wei Sun, Adviser

Dissertation: Computational Modeling of Left Ventricle-Valve Dynamics Using a Fluid-Structure Interaction Framework

Continued, over

Amber Leigh Caldara*

Biological and Biomedical Sciences
Andrew Kowalczyk, Adviser
Dissertation: Desmosome Assembly and Disassembly: Lessons from Studying Dermatological Diseases

Frederick David Carr*

Religion
Luke Timothy Johnson, Adviser
Dissertation: The Subject of the New Creation: Transformation and Selfhood in Paul's Letters

Jing Chen*

Psychology
Lawrence Barsalou and Stephan Hamann, Advisers
Dissertation: Effects of Brief Mindfulness Training on the Neural Activity Associated with Processing Food Cues

Xiaotong Chen**

Physics
Ajit Srivastava, Adviser
Dissertation: Single Photons, Phonons, and Valley-Locked Spins in Atomically Thin WSe₂

Nathan Frederick Chiappa**

Biomedical Engineering
Edward Botchwey, Adviser
Dissertation: Combining Sphingolipidomics and Computational Systems Biology to Study Red Blood Cell Sphingolipid Metabolism in Health and Disease

Roxana Cristina Chicas

Nursing
Linda McCauley, Adviser
Dissertation: Cooling Interventions among Agricultural Workers: A Randomized Pilot Study

Han-Ching Chiu**

Biomedical Engineering
Shuichi Takayama, Adviser
Dissertation: Tunable Elastomeric Nano-Channels from Guided Fracture for Biopolymer Super Resolution Imaging

Eunil Cho

Religion
Karen Scheib, Adviser
Dissertation: Documenting the Undocumented Narratives of Dreamers: Personal Uncertainty, Interrupted Identities, and Religious Meaning Making

Suyun Choi**

Women's, Gender and Sexuality Studies
Carla Freeman, Adviser
Dissertation: Going into Labor: Gender, Migration, and Neoliberal Lives in South Korea

Yulia Evgenyevna Chuvileva**

Anthropology
Peggy Barlett, Adviser
Dissertation: Edible Wealth, Edible Health: Managing Risky Food Ecologies in Guatemala

Catherine Elizabeth Cioffi

Nutrition and Health Sciences
Miriam Vos, Adviser
Dissertation: Altered Lipid Partitioning in Youth: Examining the Dietary Determinants and Cardiometabolic Consequences

Rachel Helen Commander

Biological and Biomedical Sciences
Adam Marcus, Adviser
Dissertation: Chemical Cology Screen Reveals Metabolic Heterogeneity during Collective Invasion

Sarah Connolly

Biological and Biomedical Sciences
Eric Hunter, Adviser
Dissertation: Host Factors that Modulate Risk of Heterosexual HIV-1 Acquisition and Disease Progression

Brian Conroy**

Biostatistics
Lance Waller, Howard Chang, Benjamin Lopman, and Robert Lyles, Advisers
Dissertation: Spatial Latent Process Models to Overcome Preferential Sampling in Disease Surveillance Systems

Nicole Genevieve Corrigan

Art History
Elizabeth Pastan, Adviser
Dissertation: The Virgin, the Saints, and the Reconquest: Marian Cult Images in Medieval Toledo and Iberia

Jonathan Earl Coulis**

History
Thomas Rogers, Adviser
Dissertation: Marching Rows of Coffee: The Pursuit of Modern Agriculture in Brazil, 1950–1990

Ashley Renee Cross

Biological and Biomedical Sciences
Joanna Goldberg, Adviser
Dissertation: Regulation of *Pseudomonas aeruginosa* Chronic Infection Phenotypes

Andrew James Culbreth

Philosophy
Marta Jimenez, Adviser
Dissertation: Good Hope and Happiness in Plato and Aristotle

Katherine Alexandra Cullum*

Psychology
Sherryl Goodman, Adviser
Dissertation: Evaluation of a Positive Parenting Intervention for Mothers with a History of Depression and their Children

Sarah Whelan Curtis*

Biological and Biomedical Sciences
Alicia Smith and Karen Conneely, Advisers
Dissertation: Epigenetic Determinants of Endocrine-Related Health Outcomes Following Exposure to *Polybrominated biphenyl* (PBB)

Christopher Earl Cutler*

Biological and Biomedical Sciences
Richard Cummings and Sean Stowell, Advisers
Dissertation: Role of Cosmc and Tn Antigen in T Cell Biology and the O-glycoproteome

Gordon A. Dale*

Biological and Biomedical Sciences
Joshy Jacob, Adviser
Dissertation: Local and Genome-Wide Gene Conversion Contributes to Secondary Somatic Diversification of Antibody Repertoires in Humans and Mice

Gaea Anita Daniel*

Nursing
Deborah Bruner, Adviser
Dissertation: Exploring Associations between the Vaginal Microbiome and Health Behaviors, Sociodemographic Factors, and Vaginal Symptoms in Postmenopausal Women

Thayer King Darling

Biological and Biomedical Sciences
Tracey Lamb and Jacob Kohlmeier, Advisers
Dissertation: Unraveling the Mechanisms by which CD8+ T Cells and Platelets Contribute to Cerebral Malaria Immunopathology

Desiree De Leon

Biological and Biomedical Sciences
Mar Sanchez and Larry Young, Advisers
Dissertation: Genetic Variation of the Oxytocin System and Social Behavior of Adult Female Rhesus Macaques

Continued, over

Miranda Delahoy**Environmental Health Sciences*

Karen Levy, Adviser

Dissertation: Challenges in Reducing the Burden of Childhood Diarrhea in Peru**Sergio Luis Dias Lima Gramacho***Computer Science and Informatics*

Avani Wildani, Adviser

Dissertation: Autonomic Formation of Large Scale Wireless Mesh Networks**Sean Dolan****Anthropology*

Michael Peletz, Adviser

Dissertation: Halal Things: Ontology and Ethics in the Malaysian Halal Ecosystem**Alyssa Leann Duck****English*

Walter Kalaidjian, Adviser

Dissertation: Partum Poetics: Pregnant Moderns and the Poetry of Origins**Paul R. Dunbar*****Biological and Biomedical Sciences*

Jacob Kohlmeier, Adviser

Dissertation: Antigen Presenting Cells and Cytokines in the Differentiation of Effector CD8+ T Cell and Tissue Resident CD8+ T Cell Responses to Influenza**Bradley Fitzgerald Elliott***Mathematics*

Vojtech Rödl, Adviser

Dissertation: Increasing Paths in Edge-Ordered Hypergraphs**Emily Faerber*****Nutrition and Health Sciences*

Amy Webb Girard, Adviser

Dissertation: Novel Strategies for Measuring Complementary Feeding and Achieving Behavior Change in East Africa**Hao Feng****Biostatistics*

Hao Wu, Adviser

Dissertation: Statistical Methods for High-throughput Epigenomics Data**Ryan Constantinos Phikas Fics****Comparative Literature*

Geoffrey Bennington, Adviser

Dissertation: The Position of the Unthought and the Invention of Nineteenth-Century Democratic Literature**Lauren Cari Fleischer*****Biological and Biomedical Sciences*

H. Trent Spencer, Adviser

Dissertation: Engineering Novel Chimeric Antigen Receptors (CARs) for T-Cell Malignancies Using Innate Immune Cells**Autumn Rose Flynn***Chemistry*

Nathan Jui, Adviser

Dissertation: Structure, Synthesis, and Reactivity: Intentional Design Approaches to Agonists for Liver Receptor Homolog-1 and Photochemical Arene Dearomatization**Caralie Elizabeth Focht***Religion*

Joel LeMon, Adviser

Dissertation: Genesis 37–50 as Proto Trauma-Novella**Ryan Freeman***Physics*

Sergei Urazhdin, Adviser

Dissertation: Electronic, Optical, and Microwave Studies of Nanomagnetic Systems**Asha Layila French****English*

Mark Sanders, Adviser

Dissertation: “Gorilla, My Love”: Toni Cade Bambara’s Womanist Methodology of Emancipation**Yevgen Galona****Institute of the Liberal Arts*

Kevin Corrigan, Adviser

Dissertation: The Cross and the Throne: The Genesis of the Idea of Victimhood in the Context of Political Theology**Kelly Jae Gannon Flynn***Religion*

Gary Laderman, Adviser

Dissertation: No Place for Mere Entertainment: Religion and Popular Culture in Atlanta (1865 to 1925)**Brandon Grant Gerberich***Biomedical Engineering*

Mark Prausnitz, Adviser

Dissertation: Targeted Collagen Photocrosslinking for Treatment of Glaucoma**Roxanne Glazier***Biomedical Engineering*

Khalid Salaita, Adviser

Dissertation: DNA Nanotechnology to Map and Manipulate Adhesion Forces at Fluid Interfaces**Frederick Gustav Basire Goddard***Environmental Health Sciences*

Thomas Clasen, Adviser

Dissertation: Enteric Pathogen Exposure and Child Health in Low-Income Settings**Crystal Deloris Grant***Biological and Biomedical Sciences*

Karen Conneely and Peng Jin, Advisers

Dissertation: The Epigenetics of Aging: Exploring Biomarkers and the Interplay within the Aging Epigenome**Mallory Green***Chemistry*

Michael Heaven, Adviser

Dissertation: Understanding the Chemistry of Beryllium Using Velocity Map Imaging Spectroscopy**Rachelle Renee Green****Religion*

Jennifer Ayres, Adviser

Dissertation: Learning to Live: Social Death, Redemptive Practices, and Theological Education in a Women’s Prison**Sandra Ivonne Grijalva*****Biomedical Engineering*

Hee Cheol Cho, Adviser

Dissertation: Engineering Cardiac Biological Pacemaker Tissues to Dissect Source-Sink Mismatch in the Heart**Anna M. Gunderson****Political Science*

Tom Clark, Adviser

Dissertation: Why Do States Privatize Their Prisons? The Unintended Consequences of Inmate Litigation**Saumya Suresh Gurbani****Biomedical Engineering*

Hyunsuk Shim and Lee Cooper, Advisers

Dissertation: Machine Learning Enables the Use of Spectroscopic MRI to Guide Radiation Therapy in Patients with Glioblastoma**Ryan C. Hackett****Psychology*

Jack McDowell, Adviser

Dissertation: Sensitivity to Reinforcement Rate: The Role of Attention Problems and Frequently Co-occurring Forms of Psychopathology*Continued, over*

Robert Richard Haines**

Biological and Biomedical Sciences
Jeremy Boss, Adviser
Dissertation: LSD1 Regulates Marginal Zone B Cell Development, B Cell Proliferation, and Plasmablast Differentiation

Jackson Hair

Biomedical Engineering
John Oshinski, Adviser
Dissertation: Development of Methodology to Estimate Fractional Flow Reserve Using Magnetic Resonance Imaging and Computational Fluid Dynamics

Martin Thomas Halicek

Biomedical Engineering
Baowei Fei and Shella Keilholz, Advisers
Dissertation: Development of Deep Learning Methods for Head and Neck Cancer Detection in Hyperspectral Imaging and Digital Pathology for Surgical Guidance

Kristina Alexandra Hallam

Biomedical Engineering
Stanislav Emelianov, Adviser
Dissertation: Laser-Activated Perfluorocarbon Nanodroplets as a Tool in Neurological Applications

Zhe Han*

Business
Michael Lewis, Adviser
Dissertation: The Role of Dynamic Incentives in Customer Engagement: Applications in Gaming and Gamification

Sara Kathryn Hanson

Nutrition and Health Sciences
Aryeh Stein, Adviser
Dissertation: Trajectories of Activity and Sleep through Adolescence and Body Composition at Age 18 Years: Birth to Twenty Plus

Rafi Haque

Biological and Biomedical Sciences
Allan Levey, Adviser
Dissertation: Neocortical Medial Temporal Lobe Interactions during Visuospatial Memory Formation

Sahar Harati*

Computer Science and Informatics
Shamim Nemati, Adviser
Dissertation: Machine Learning Methods for Quantification of Depression Severity and Prediction of Recovery Trajectory using Longitudinal Video and Audio Data, with Applications to Deep Brain Stimulation Treatment Optimization

Brendan Alexander Harris**

Religion
Anthony Briggman, Adviser
Dissertation: The Doctrine of Theosis in the Thought of Gregory of Nazianzus

Erica Vernice Harris

Biological and Biomedical Sciences
Nicole Gerardo and Jacobus de Roode, Advisers
Dissertation: The Role of Medicinal Food Plants Mediating the Gut Microbiome and Disease Resistance in Monarch Butterflies

Sarah Harsh*

English
Geraldine Higgins, Adviser
Dissertation: Domestic Disturbances: Home and History in Transatlantic Women's Writing

Sarah Louise Hayward**

Biological and Biomedical Sciences
Jacob Kohlmeier, Adviser
Dissertation: Identifying Mechanisms of Lung Tissue-Resident Memory CD8 T Cell Decay

Siran He

Nutrition and Health Sciences
Aryeh Stein, Adviser
Dissertation: Improved Nutrition in Early Life and Cardiometabolic Outcomes in Guatemala

Mary Krista Herrick

Biological and Biomedical Sciences
Malu Tansey, Adviser
Dissertation: The Impact of LRRK2 Expression and Kinase Activity in Gene by Environment Mouse Models of Parkinson's Disease

Cameron John Herting**

Biological and Biomedical Sciences
Dolores Hambarzumyan, Adviser
Dissertation: Preclinical Investigations of the Immune Microenvironment in Glioblastoma

Elizabeth A. Hinton**

Biological and Biomedical Sciences
Shannon Gourley, Adviser
Dissertation: Long-Term Neurobehavioral Consequences of Adolescent Social Isolation

Kim Loan Hoang**

Biological and Biomedical Sciences
Nicole Gerardo; Levi Morran, Adviser
Dissertation: Establishing a Novel Beneficial Association Using a Nematode-Bacterium Model through Experimental Evolution

Madelyn C. Houser*

Biological and Biomedical Sciences
Malu Tansey, Adviser
Dissertation: Gene-Environment Interplay in Parkinson's Disease Pathogenesis: The Role of Gastrointestinal Inflammation and Regulator of G-protein Signaling 10 in the Gut-Brain Axis

Katherine Brianna Howard*

Philosophy
Cynthia Willett, Adviser
Dissertation: Toward an Affect-Theory of Political Action

Yunfeng Huang**

Epidemiology
Yan Sun and Viola Vaccarino, Advisers
Dissertation: Gene-lifestyle Interactions in Coronary Artery Diseases

Laura Katherine Huber*

Political Science
Dan Reiter, David Davis, and Danielle Jung, Advisers
Dissertation: Buying Women's Rights: The Role of Conflict and International Actors in Gender Reform

Spencer A. Hughes*

Chemistry
Vincent Conticello, Adviser
Dissertation: Rational and Computational Design of Superhelical Protein Nanotubes

Laura Allison Hunt

Institute of Liberal Arts
Sean Meighoo, Adviser
Dissertation: Eco-Visionary Media: Art as Activism in Bjork's Audiovisual Production

Samantha M. Iamurri*

Chemistry
Stefan Lutz, Adviser
Dissertation: Exploring the Role of Cofactor and Protein Sequence Variability across the Old Yellow Enzyme Superfamily

Shaquia Lashe Idlett-Ali

Biomedical Engineering
Shawn Hochman, Adviser
Dissertation: Investigations of Spontaneous Pain and Modulation with Spinal Cord Stimulation

George Andrew Stanowski Inglis
Biological and Biomedical Sciences
Andrew Escayg, Adviser
Dissertation: Roles of the SCN1A and SCN8A Voltage-Gated Sodium Channel Genes in Neurological Disease

Nathan Thomas Jacobs*
Biological and Biomedical Sciences
Anice Lowen, Adviser
Dissertation: Competition and Cooperation of Respiratory Pathogens in Spatially Structured Environments

Yaseen Ali Jamal
Psychology
Daniel Dilks, Adviser
Dissertation: Rapid Topographic Reorganization in Adult Human Primary Visual Cortex (V1)

Jeong Hoon Jang*
Biostatistics
Amita Manatunga, Advisers
Dissertation: Statistical Methods for Evaluating Continuous and Functional Diagnostic Markers

Matthew Christopher Jenkins
Chemistry
Stefan Lutz, Adviser
Dissertation: Engineering Encapsulin Nanocontainers for Biocatalysis Applications

Jordan Lea Johnson
Women's, Gender, and Sexuality Studies
Lynne Huffer, Adviser
Dissertation: Into the Forest Archive: A Feminist Genealogy of the Postindustrial Pineywoods

Rebecca Evelyn Jones
Nutrition and Health Sciences
Solveig Cunningham, Adviser
Dissertation: Dietary Incorporation: Health Implications of Migration

Taryn Danielle Jordan
Women's, Gender, and Sexuality Studies
Lynne Huffer, Adviser
Dissertation: A Peculiar Sense: A Black Feminist Genealogy of Soul

Frederik Strand Kamps**
Psychology
Daniel Dilks, Adviser
Dissertation: The Functional Organization and Development of the Human Visual Scene Processing System

Sara Katariina Kauko
Anthropology
Bradd Shore, Adviser
Dissertation: Criollo Entrepreneurialism: Transforming Racial and Class Identities and Social Mobility among Mixed-Race Argentines

Ryan Christine Kendall
Women's, Gender, and Sexuality Studies
Elizabeth Wilson, Adviser
Dissertation: Uterographestis: A Queer-Feminist Theory of Sexual Reproduction

Mohammed Abdul Basit Khan
Epidemiology
Anne Spaulding, Adviser
Dissertation: Trends in Coccidioidomycosis Incidence in Arizona, 1998–2017: Surveillance Changes, Weather, and Land Use

Andrew Kingston**
Comparative Literature
Geoffrey Bennington, Adviser
Dissertation: Voices of Nothing: Aesthetics of Corruption in Music and Language

Elizabeth Marie Kline*
Biological and Biomedical Sciences
Malu Tansey, Adviser
Dissertation: Innate and Adaptive Immune System Crosstalk in Parkinson's Disease

Ha Eun Kong*
Biological and Biomedical Sciences
Peng Jin and Thomas Wingo, Advisers
Dissertation: Identification of Genetic Modifiers of Fragile X-Associated Tremor/Ataxia Syndrome

Yunchuan Kong
Biostatistics
Tianwei Yu, Adviser
Dissertation: Network-Based Machine Learning Methods for Omics Data

Alysse Johanna Kowalski
Nutrition and Health Sciences
Aryeh Stein, Adviser
Dissertation: Pubertal Timing and Tempo in Urban South Africa—Associations with Health in Adolescence and Transitions to Adulthood

Rachel Becca Kozlowski
Chemistry
R. Brian Dyer, Adviser
Dissertation: Effect of Site-Specific Heating on Enzyme Catalysis

Kelsey Paige Kubelick
Biomedical Engineering
Stanislav Emelianov, Adviser
Dissertation: Development of Ultrasound and Photoacoustic Imaging Tools for Tracking of Cells and Particles

Glenn Michael La Muraglia II**
Biological and Biomedical Sciences
Mandy L. Ford, Adviser
Dissertation: Novel Immunosuppressive Strategies for the Control of TFH Cell-Driven de novo DSA Responses

Stephanie Allison Larson
English
Rosemarie Garland-Thomson and Laura Otis, Advisers
Dissertation: Hooked: Public Health, Parasites, and Twentieth-Century Literature of the US and Global South

Jeong Lee**
Business
Melissa Williams, Adviser
Dissertation: Sounds of Leadership? A Mismatch between Asian Americans' Communication Style and Norms for Leaders in the United States

Ximena Leroux
Sociology
Ellen Idler and Robert Agnew, Adviser
Dissertation: Cigarette Smoking among Hispanic and Non-Hispanic, White Adolescents: Segmented Assimilation and the Social Causes of Delinquency

Amy Sijing Li
English
Laura Otis, Adviser
Dissertation: A Future for Hopeful Monsters: Gender, Disability, Race, and Embodiment in Science Fiction

Yunxiao Li**
Biostatistics
Yijuan Hu and Glen Satten, Advisers
Dissertation: Development of Statistical Methods for Multiple-Hypotheses Testing

Zheng-Rong Tiger Li
Biological and Biomedical Sciences
Rustom Antia, Adviser
Dissertation: Evolution of CD8 T Cell Epitopes of Influenza A Virus

Continued, over

Jiawen Liao*Environmental Health Sciences*

Thomas Clasen and Lisa Thompson, Advisers

Dissertation: Advanced Exposure Assessment of Air Pollution and Its Effects on Maternal and Child Health in Low-income Settings**Chao Lin****Biological and Biomedical Sciences*

Gary Bassell, Adviser

Dissertation: Development of an In Vitro Neuronal Model of Myotonic Dystrophy Type 1**Hsuan Ken Liu*****Biological and Biomedical Sciences*

Dean Jones, Adviser

Dissertation: Gut Microbiome Product Delta-Valerobetaine Controls Host Energy Metabolism**Jiaying Liu****Biomedical Engineering*

Krishnendu Roy, Adviser

Dissertation: Design and Development of Synthetic Nanoparticle Antibodies to Deplete Selected Target Cells for Cancer Immunotherapy**Renfa Liu***Biomedical Engineering*

Zhifei Dai and Hanjoong Jo, Advisers

Dissertation: Ultrasound-guided transgene expression of KLK10 to inhibit atherosclerosis**Wenbin Liu*****Chemistry*

Wenbin Liu, Adviser

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