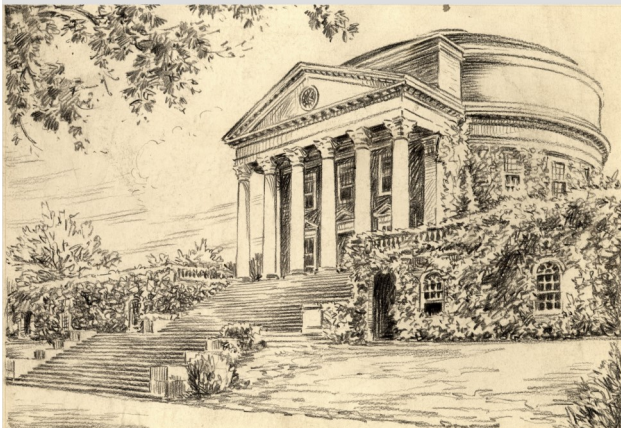


Biomedical Sciences

Virtual Graduation Celebration



21 May 2021

3:00 PM



Celebration Hosts

David S. Wilkes, MD

Dean, School of Medicine

James Carroll Flippin Professor of Medical Science

Professor, Division of Pulmonary Critical Care Medicine

Barry J. Collins

Executive Director, Medical Alumni Association &
Medical School Foundation

Associate Dean for Medical Alumni Affairs

Janet V. Cross, PhD

Associate Dean for Graduate and Medical Scientist Programs

Associate Professor of Medical Education and Pathology

~ Master of Biological and Physical Sciences

~ Doctor of Philosophy

Master of Science

Biological & Physical Sciences

Abdullah Abood	2020 Summer
Alicia Achimovich	2020 Fall
Alexander Ball	2020 Fall
Lillian Ruth Dillard	2021 Spring
Catherine Anne Doyle	2021 Spring
QinLei Gu	2020 Fall
Yuntian Guan	2021 Spring
Jessica Hatter	2021 Spring
Shannon Kelley	2020 Summer
Kristyna Kupkova	2020 Fall
Jinwoo Lee	2021 Spring
Mitchell McGinty	2020 Summer
Yen Nguyen	2020 Fall
Hale Nur Ozbek	2020 Fall
Juliana Piacentini	2020 Fall
Anthony Rodriguez	2020 Fall
Brandon Thompson	2020 Summer
Holly Torsilieri	2020 Summer
Turan Tufan	2020 Summer
Sarah Wang	2020 Fall

Doctor of Philosophy

Biomedical Sciences

Katelyn Wellcome Ahern

2020 Fall

PhD in Pharmacology

Thurl Harris, mentor

Adipocyte Lipolysis and Acute Insulin Resistance

Naomi Danae Atkin

2021 Spring

PhD in Biochemistry & Molecular Genetics

Yuh-Hwa Wang, mentor

DNA Topoisomerase II, CTCF/cohesin Binding, and Alternative DNA Secondary Structure Alter Genomic Stability and Affect Cancer Susceptibility

Samantha Jordan Batista

2020 Fall

PhD in Microbiology

Tajie Harris, mentor

IL-1 alpha and Cell Death in the Brain: Promoting CNS Immunity to Infection

Mouadh Benamar

2020 Summer

PhD in Biochemistry & Molecular Genetics

Tarek Abbas, mentor

Rereplication in Cancer Cells: Mechanisms, Regulation, and Therapeutic Opportunities

Ashley Catherine Bolte

2021 Spring

PhD in Microbiology

John Lukens, mentor

The Meningeal Response to Traumatic Brain Injury

Napoleon Bernstein Butler II

2020 Summer

PhD in Microbiology

Kwon Park, mentor

Characterization of Branched Chain Aminotransferase 1 in Small Cell Lung Cancer

Christopher Caffalette 2020 Fall
PhD in Biophysics
Jochen Zimmer, mentor
Structural Studies of the Gram-negative O Antigen ABC Transporter WzmWzt

John Robert Cornelison 2020 Fall
PhD in Experimental Pathology
Charles Landen, mentor
RNA Polymerase I Inhibition in Ovarian Cancer

Mateusz Piotr Czub 2020 Fall
PhD in Biophysics
Wladek Minor, mentor
Drug Binding to Mammalian Serum Albumins

Danielle Frances DaCrema 2021 Spring
PhD in Cell Biology
Adrian Halme, mentor
The Maturation of the Epithelial Barrier in *Drosophila* Wing
Imaginal Discs is Ecdysone Dependent and is Regulated to
Communicate the Completion of Regeneration

Rebeka Santos Eki 2020 Summer
PhD in Biochemistry & Molecular Genetics
Tarek Abbas, mentor
Detection and Quantification of DNA Double-strand Break
Repair in Mammalian Cells

Laurie R Gray 2020 Summer
PhD in Microbiology
Marie Louise Hammar skjöld & David Rekosh, mentors
Regulation of Endogenous Retroviruses and Cellular Genes by HIV-1 Rev

Adam Richard Greene 2021 Spring
PhD in Microbiology
James Casanova, mentor
Salmonella typhimurium Promotes Cholesterol Accumulation and
Bacterial Survival in Host Macrophages Through the Cholesterol
Acyltransferase Activity of the SPI-2 Effector Protein SseJ

- Riley Thomas Hannan** 2021 Spring
PhD in Experimental Pathology
Shayn Peirce-Cottler & Thomas Barker, mentors
Perivascular Cell Differentiation in Tissue Remodeling and Fibrosis
- Catherine Rose Lammert** 2020 Fall
PhD in Neuroscience
John Lukens, mentor
Dysregulated Innate Immune Signaling as a Driver
of Impaired Neurodevelopment
- Jessica Little** 2019 Spring
PhD in Cell Biology
Noelle Dwyer, mentor
Mutations of Key Cytokinetic Abscission Mediators Cause Microcephaly
- Adam Lu** 2020 Fall
PhD in Neuroscience
Mark Beenhakker, mentor
Nonlinearities between GABA_B Receptor-Mediated Inhibition
and T-type Calcium Channel Activity Bidirectionally Regulate
Thalamic Oscillations
- Brittany Alexandra Martínez** 2021 Spring
PhD in Pharmacology
Michelle Bland, mentor
Innate Immune Signaling in *Drosophila melanogaster* Shifts
Lipid Metabolism to Support Immune Function
- Abigail Sue Mickey** 2020 Summer
PhD in Microbiology
James Nataro & Dan Engel, mentors
Cross-talk Between the Core and Pathogen-specific Genomes
in *Escherichia coli* via a Bacterial Anti-activator Protein
- Sarbajeet Nagdas** 2019 Summer
PhD in Microbiology
David Kashatus and Todd Bauer, mentors
A Role of Dynamin-related Protein 1 in Pancreatic Ductal Adenocarcinoma

Adishesh Kalya Narahari 2021 Spring
PhD in Pharmacology
Doug Bayliss, mentor
ATP and Large Signaling Metabolites Flux through Caspase-activated
Pannexin 1 Channels

Logan Dane Patterson 2020 Fall
PhD in Experimental Pathology
Mark Kester, mentor
Glucosylceramide Maintains Colon Epithelial Barrier Integrity
During Enterotoxigenic *Bacteroides fragilis* Challenge

Teressa Paulsen 2020 Summer
PhD in Biochemistry
Anindya Dutta, mentor
The Function and Production of eccDNA

Brandon Michael Podyma 2021 Spring
PhD in Neuroscience
Christopher Deppmann & Ali Güler, mentors
Control of Energy Balance and Circadian Food Entrainment
Via Neurons and Neurotrophin Receptors in the Hypothalamus

Mark Alexander Rudolf 2020 Summer
PhD in Neuroscience
Jeffrey Corwin & Jung-Bum Shin, mentors
Mechanical Control of Regeneration in the Inner Ear

Jeremy Joseph Porter Shaw 2020 Fall
PhD in Experimental Pathology
Mark Kester, mentor
Evaluating the Ceramide Nanoliposome as a Therapy for
Head and Neck Squamous Cell Carcinoma - Circumventing
Resistance, Characterizing Death, Utilizing Dual Therapies,
and Manipulating Metabolism

Rebecca Louise Stanhope 2020 Summer
PhD in Microbiology
Isabelle Derre, mentor
The Role of IncV as a Tether of Endoplasmic Reticulum-Chlamydia
Inclusion Membrane Contact Sites

Aaron Daniel Stevens 2021 Spring
PhD in Experimental Pathology
Timothy Bullock, mentor
Intratumoral T Cell Responses to Therapeutic Vaccination and
Intracranial Melanoma

Katherine Margaret Still 2020 Fall
PhD in Neuroscience
Tajie Harris, mentor
Initiation of Immunity to Parasite Infection in the Brain: a Role
for Astrocytes in Sensing Damage

Tiffany Tanola Terry 2020 Summer
PhD in Microbiology
Hui Zong, mentor
The Role of IGF1 Signaling in the Development of Cerebellar
Granule Cells

Amanda Elizabeth Ward 2021 Spring
PhD in Biophysics
Lukas Tamm, mentor
Visualization of HIV Membrane Fusion Inhibition by Serinc5 at
Multiple Length Scales

Eric Ryan Wengert 2021 Spring
PhD in Neuroscience
Manoj Patel, mentor
Mechanisms and Treatment of SCN8A Epileptic Encephalopathy

*Congratulations
Graduates!*

