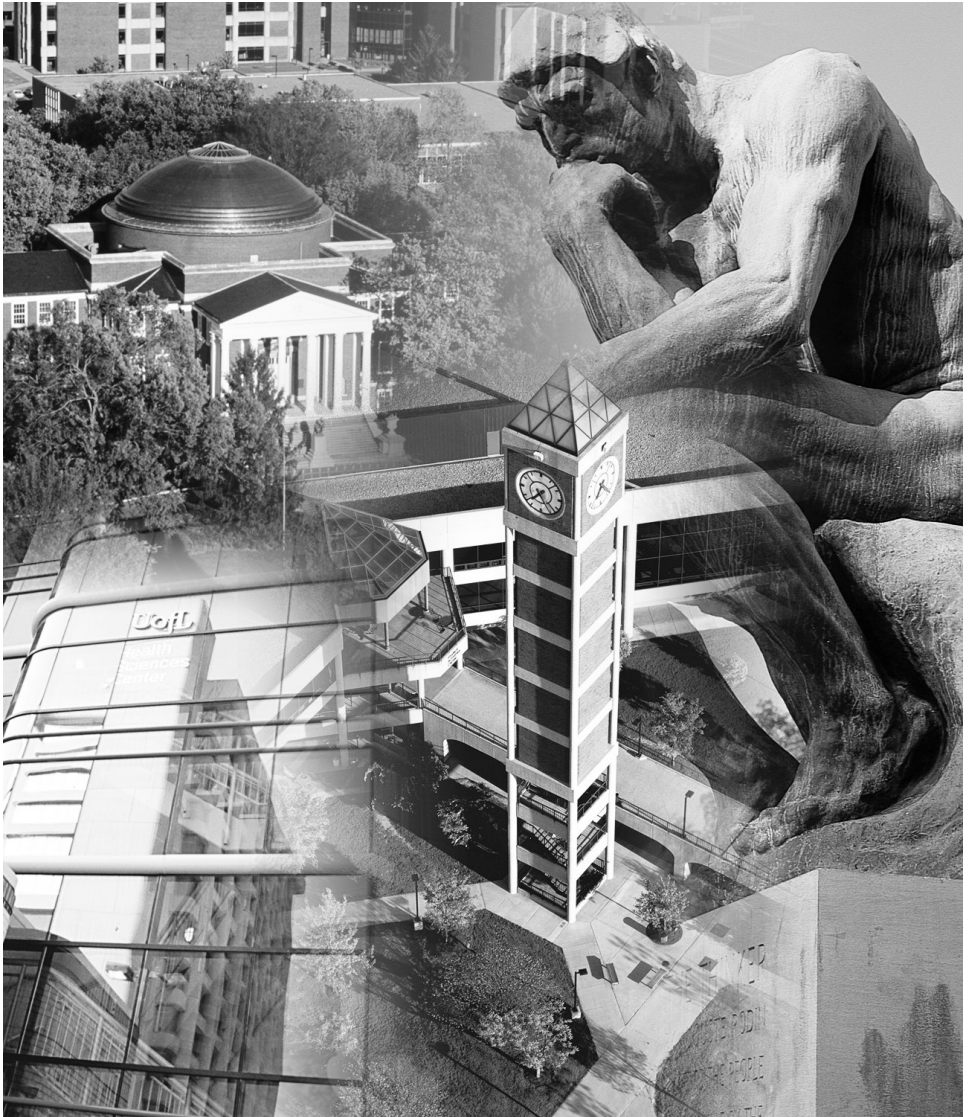




**DOCTORAL HOODING &
GRADUATION CEREMONY**

*Student Activities Center Ballroom
December 13, 2019*

UNIVERSITY OF
LOUISVILLE



Doctoral Hooding and Graduation Ceremony

Student Activities Center Ballroom
December 13, 2019

UNIVERSITY OF
LOUISVILLE

The Academic Regalia

The tradition of gowns and hoods being worn as academic regalia at graduation ceremonies stems from a distinctive style of academic dress that emerged in the first universities in Europe in the twelfth century. The style was influenced by the fact that masters and scholars at that time were usually members of the clergy. For example, in 1222 at the Council of Oxford, the Archbishop of Canterbury ordered English clerics to wear the *cappa clausa* — a closed, flowing gown based on a lay fashion of the period. As a result, this garment came to be regarded as academic dress for university masters who, as clerics, wore it. Later, when the clergy neglected the rule in general, the garment was recognized as an exclusively academic one.

The *pileus*, a common headdress of medieval laymen, was adopted by the Church at the Synod of Bergamo (1311) and became typical headwear at the universities. The caps and tams worn by faculty are a direct descendant of the *pileus*. The *pileus quadratus*, or square cap, is today's mortarboard worn by most graduates.

The hood as an academic vestment originated from the cowl worn by monks in the Middle Ages as protection against inclement European weather. It was worn over a short cape known as a *tippet*, and had a tail, known as a *liripipe*, which was used to pull the hood over the head and then was wrapped around the throat to keep the hood in place. Today the *tippet* remains as part of the hood and, although the hood is never worn on the head, the *liripipe* is retained as the funnel-shaped hood.

The tradition of wearing the hood hanging down the back is said to be derived from the practice of medieval monks, many of whom were solicitors in the King's Court, who used the bag-like hanging hood as a "contribution bowl" for clients and well-wishers. Early scholars used the hood to collect the fees for lectures.

Colors have long been significant in denoting different academic disciplines and, more recently, levels of scholastic achievement. Standard gowns of different shape, length and sleeve design indicate the degrees of Bachelor, Master and Doctorate. The robes of the President, Provost, Chair of the Board of Trustees, and Grand Marshal represent the office, not the degree.

In the hoods of the faculty, the color of the border indicates the type of degree, while the lining of the hood shows colors of the university that bestowed the degree.

Hoods and Tassels

The distinctive colors in the hoods and the tassels of the caps accord with the following:

Audiology.....	Spruce Green
Business	Drab
Dentistry	Lilac
Education	Light Blue
Engineering	Orange
Information Sciences	Gold
Law	Purple
Liberal Arts	White
Library Science.....	Lemon
Medicine.....	Kelly Green
Music.....	Pink
Nursing	Apricot
Philosophy	Dark Blue
Public Administration	Peacock Blue
Public Health.....	Salmon Pink
Science	Gold
Social Work	Citron

Program

The Doctoral Hooding and Graduation Ceremony

Pre-ceremony Concert

Friday, December 13, 2019

1:30 – 2:00 p.m.

Student Activities Center Ballroom

Louisville Brass

Trumpet: Reese Land and Ansyn Banks

Horn: Bruce Heim

Trombone: Brett Shuster

Tuba: Clint McCanless

The Doctoral Hooding and Graduation Ceremony

2:00 – 3:00 p.m.

Student Activities Center Ballroom

PresidingPaul DeMarco, Ph.D.
Acting Dean, Graduate School

The Academic Procession

Grand Marshal

Presidential Party

Graduate School Deans

Academic Unit Deans

Administrative Officers

Presidential WelcomeNeeli Bendapudi, Ph.D.
President

RemarksColin Crawford, J.D.
Dean, Louis D. Brandeis School of Law

Address to the GraduatesPaul DeMarco, Ph.D.
Acting Dean, Graduate School

Outstanding Student RemarksBridget Kathleen Cauley
Guy Stevenson Award Winner

Introduction of the Graduate School

Outstanding Students

****Students in receipt of the following awards will be distinguished by wearing Red and Black Honor Cords***

Barbara Clark, Ph.D.
Acting Associate Dean
Graduate School

The Guy Stevenson Award for Excellence in Graduate Studies

Bridget Kathleen Cauley
Counseling and Personnel Services
Professor Patrick Pössel

The Guy Stevenson Award for Excellence in Graduate Studies honors a former dean of the Graduate School and is presented to an outstanding doctoral degree recipient who has demonstrated excellence in both scholarship and leadership within the discipline, and has made significant contributions to teaching and/or service. Bridget Kathleen Cauley is the recipient of this commencement's Stevenson Award and, as such, she serves as the Graduate School's outstanding student and carries the banner at the main commencement ceremony to represent all doctoral graduates.

Bridget is a Minnesota native and earned B.A. degrees in Psychology and Spanish from the University of Wisconsin-Eau Claire prior to joining the University of Louisville, where she earned her M.Ed. and Ph.D. in Counseling Psychology. With a strong interest in researching and serving culturally diverse populations, Bridget joined an international research collaboration to investigate resilience of caregivers of children with chronic illness in Mexico. Bridget's clinical work also informs her research interests, such that her research has focused on the influence of teachers and parents on adolescents' depressive symptoms and children with neurodevelopmental disorders. She has seven peer-reviewed publications, four manuscripts in progress, and has presented research findings at conferences 13 times. Bridget also served as a teaching assistant for six master's or doctoral level courses.

In addition to her scholarship and research, Bridget shows great leadership in advocating for the well-being of youth. She served on the Student Committee of the Citizens' Review Panel of Kentucky Child Welfare, where she worked on the annual report about the effects of multiple foster care placements on youth for the Kentucky Cabinet for Health and Family Services. She also organized community outreach events with the UofL Prevention, Education, and Advocacy on Campus and in the Community (PEACC) Program as well as a national organization (We Are Here USA) to raise awareness of sexual and domestic violence. Bridget also demonstrates a strong commitment to serving diverse and underserved populations. Consistent with this commitment, she provided psychological services to youth across Louisville in public schools, community centers, the UofL Autism Center, the Weisskopf Child Evaluation Center at UofL and the UofL Counseling Center, in both English and Spanish.

Bridget is currently completing her postdoctoral fellowship in pediatrics and developmental disability at the University of Kansas Medical Center. Upon completion of her fellowship, she will begin her career as a pediatric psychologist at a nonprofit in Minnesota, where she will specialize in psychological assessment and working with children with neurodevelopmental disorders. Ultimately, Bridget seeks to increase access to care and advocate for children and families from underserved and diverse backgrounds.

The John Richard Binford Memorial Award

Casey Jean Steadman

Anatomical Sciences and Neurobiology

Professor Charles Hubscher

Casey Jean Steadman is the recipient of the John Richard Binford Memorial Award, which honors a former Chair of the Department of Psychology. This award recognizes a doctoral degree recipient who excels in scholarship, and has contributed to other areas within the discipline such as leadership, teaching, or service.

Having grown up as the daughter and granddaughter of two Mississippi State University graduates, Casey earned her undergraduate degree at Mississippi State in 2012. She then went on to achieve a master's degree in Biomedical Engineering from Mississippi State as well. Today, she is graduating from the University of Louisville with a Ph.D. in Anatomical Sciences and Neurobiology, through which she gained significant training in numerous methodologies while exploring therapies for sexual dysfunction after spinal cord injury. During her graduate career, Casey examined the effect of activity-based training on sexual function after spinal cord injury, as well as pioneered two new techniques to examine sexual function in an animal model of spinal cord injury. Casey published three original research articles as well as a review article during her 5 year graduate student tenure. She presented her work at several national and local conferences, gave lay-presentations in the Louisville community, and participated in many outreach organizations and events.

Casey held the position of President of the Science Policy and Outreach Group here at UofL. For two years, Casey was the Outreach Liaison for the Louisville Chapter of the Society for Neuroscience, where she was a leader on the Brain Days Team, a two day Science celebration at the Kentucky Science Center. Through this role, she also participated in other programming at the Kentucky Science Center and other local philanthropies, as well as planned our local Neuroscience Day conference. Casey balanced this work-service balance while welcoming her two daughters, Clementine and Juniper, during her graduate school time.

Casey's passion for using neuroscience and engineering to impact patient lives has led her to pursue a career of developing therapies for quality of life issues after spinal cord injury. She is currently a Postdoctoral Associate at Duke University in the laboratory of Professor Warren Grill, examining a neuromodulation therapy for bladder and sexual function after spinal cord injury. Casey was very recently awarded a K12 award through the KURe Program at Duke University. She plans to continue the academic path and improve patient lives through her research.

The John M. Houchens Prize for Outstanding Dissertation

Dhruba Kumar Pattadar

Chemistry

Professor Francis Zamborini

Dhruba Kumar Pattadar is the winner of this commencement's John M. Houchens Prize, which honors a former registrar of the university. The Houchens Prize is awarded to the doctoral student who submits the most meritorious dissertation with the potential for significant impact on a field.

Dhruba obtained his bachelor's degree in Chemistry at the University of Dhaka in Bangladesh in November 2010. He stayed there for his master's degree in Chemistry, with a focus on Physical Chemistry, and graduated in October 2012. He enrolled in the Ph.D. program in the Department of Chemistry at the University of Louisville in August 2013. He joined the laboratory of Professor Frank Zamborini in Fall 2013 and graduated with his Ph.D. degree in August 2019. The title of his dissertation is "Utilization of Electrochemical Methods to Analyze Transformations, Composition and Atomic Arrangement of Single Metal and Alloy Nanostructures." His work advanced the field by providing a new strategy to make potentially unique bimetallic nanostructures that are active as catalysts, which have applications for the renewable energy field.

Dhruba's research involved the synthesis, electrode attachment, and electrochemical characterization of 0.5-50 nanometer (1 million nanometers = 1 millimeter) diameter metal (mostly gold) nanoparticles coated with weak stabilizers. His biggest contribution to the field is his development of Anodic Stripping Voltammetry (ASV) for the characterization of single metal and bimetallic alloy nanoparticles. What makes his work so important and exciting is that he characterized metal nanoparticle size, composition, structure, and reactivity down to the atomic level with an instrument that costs a few thousand dollars, compared to the million-dollar electron microscopes and methods that use synchrotron radiation sources, which are normally used by the field to do the same analysis. His measurements are much faster, under more realistic reaction conditions, and often more sensitive. Dhruba used his novel method to study the stability of different metallic and bimetallic nanoparticle systems under different conditions commonly encountered, and he discovered gold nanoparticles of a specific size spontaneously react with silver ions. This finding provides a new strategy to make potentially unique bimetallic nanostructures that are active as catalysts – a finding which has applications for the renewable energy field. His work resulted in 5 published journal articles in well-respected high impact journals, such as the *Journal of the American Chemical Society* and *Analytical Chemistry*, with an additional 5 papers planned for publication. He has also given several presentations at local, regional, and international conferences and won a highly competitive travel award from the Society for Electroanalytical Chemistry to give a presentation at The Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy (Pittcon). Dhruba is very collaborative and worked with five other graduate students in the lab, providing extensive mentoring to three.

Dr. Pattadar is currently working as a post-doctoral research associate with Professor Stephen Maldonado in the Department of Chemistry at the University of Michigan in Ann Arbor, Michigan.

2019 School of Medicine Student Diversity Award

Douglas John Owulaku Saforo
Pharmacology and Toxicology
Associate Professor Leah Siskind

The School of Medicine Student Diversity Award recognizes a graduating medical or graduate student for their personal commitment to the educational, societal, and/or healthcare needs of underrepresented groups. The recipient of this award demonstrates through teaching, research, and/or service a dedication to eliminating health disparities. Douglas Saforo is the recipient of this year's award. Douglas received a B.S. in Biology *summa cum laude* from the University of Louisville in 2013. He is a student in the dual degree MD/PhD program, and is currently in his 3rd year of medical school. Douglas received his Ph.D. under the mentorship of Drs. Levi Beverly and Leah Siskind. His doctoral project involved understanding the mechanisms by which alterations in the extracellular matrix promote lung cancer development and metastasis. This work has been published in Scientific Reports, and he has several other publications resulting from his research. Douglas volunteers his time with many different organizations, and has made an impact in scientific outreach and career development mentoring. He is a youth leader in Big Brothers and Sisters of Kentuckiana, and has served as a role model for those under his guidance.

Degrees - August and December 2019

** Students in receipt of The Graduate Dean's Citation*

Introduction of Candidates for the Juris Doctor and Their Faculty Mentors

Barbara Clark, Ph.D.
Acting Associate Dean,
Graduate School

Olivia A. Adams

Law
Professor Sam Marcossou

Margaret Florence Borders

Law
Professor John Cross

Mary-Grace Elisabeth Luscher

Law
Professor Jamie Abrams

Lacey Brooke Parham

Law
Professor John Cross

Nicola Ariane Pharaï

Law
Professor John Cross

Dylan Vance Valenti

Law
Professor John Cross

Emily Helen Vessels

Law
Professor John Cross

Introduction of Candidates for the Doctor of Nursing Practice and Their Faculty Mentors

Barbara Clark, Ph.D.
Acting Associate Dean,
Graduate School

Rachael Paige Abell

Nursing
Assistant Professor Sara E. Robertson
Project: *Implementation of a Heart Failure Risk Screening Tool in a Primary Care Setting*

*** Hye Sil Adams**

Nursing
Associate Professor Ruth Staten
Project: *Initiating Telephone Follow-Up after Hospital Discharge from an Inpatient Psychiatric Setting to Reduce Recidivism*

Elizabeth Marie Arnold

Nursing
Associate Professor Mary DeLetter
Project: *Educating Primary Care Providers on Commonly Used Herbal Supplements by Latino Patients*

Karen Phelps Black

Nursing
Associate Professor Mary-Beth Coty
Project: *Implementation of Universal Suicide Risk Screening of Adolescents in the Emergency Department*

Courtnei Breann Carwile

Nursing
Dr. Kimberly Meyer
Project: *Sepsis Bundle Compliance in the ICU after Implementation of an Educational Intervention*

Carol Lynn Cassidy

Nursing
Associate Professor Ruth Staten
Project: *Including the Client & Family Dyad in Treatment for Major Depressive Disorder*

Jennifer Lynne Cothorn

Nursing
Associate Professor Celeste Shawler
Project: *An Educational Intervention on Daily Chlorhexidine Gluconate Bathing and Central Infection Rates in the Pediatric Population: A Quality Improvement Initiative*

Allyson Suzanne Davisson

Nursing

Assistant Professor Beverly Williams Coleman

Project: *Prescribing Probiotics in Tandem with Antibiotics*

Rex Nathan Dewan

Nursing

Associate Professor Mary-Beth Coty

Project: *Efficacy of Care with Assertive Community Treatment in Severe Mental Illness*

Debbie L. Farrell

Nursing

Professor Becky Christian

Project: *Will the Use of High Flow Nasal Cannula Standard Weaning Protocol Decrease Pediatric Intensive Care Length of Stay?*

Brianna Caitlin Flanigan

Nursing

Assistant Professor Sara E. Robertson

Project: *Expedited Partner Therapy: Advancing Health Policy in Kentucky*

Skyler Kaitlyn Frye

Nursing

Assistant Professor Sara E. Robertson

Project: *The Use of Simulation to Practice Pre-Exposure Prophylaxis Sexual Health Risk Screening, Management, and Follow-Up within a Doctor of Nursing Practice Program*

Kelsey Ann Grothouse

Nursing

Associate Professor Whitney Nash

Project: *Spring into Action: Role Models for Sun Safety*

Lindsay Katherine Hack

Nursing

Associate Professor Mary DeLetter

Project: *Improving Caregiver Coping and Reducing Recidivism through a Pediatric Burn Discharge Education Toolkit*

Kimberly Lynne Hall

Nursing

Associate Professor Mary DeLetter

Project: *Pediatric Discharge G-Tube Toolkit*

Christopher T. Hannon

Nursing

Associate Professor Ruth Staten

Project: *Stigma, Opioid Use Disorders, and Primary Care NP Students*

Kimi Mae Hart

Nursing

Dr. Kimberly Meyer

Project: *Implementing an Updated Evidence-Based Maintenance Central Line Bundle Policy: Monitoring Adherence and Central Line Associated Blood Stream Infections in a Medical Intensive Care Unit*

Elise Monique Hawkins

Nursing

Associate Professor Mary-Beth Coty

Project: *Feasibility and Implementation of the Columbia-Suicide Severity Rating Scale for Assessing At-Risk Patients in the Emergency Department*

Amanda Bridgette Hellmueller

Nursing

Associate Professor Whitney Nash

Project: *Nutritional Screening Revision in the Adult Inpatient Population*

Amanda Brooke Hicks

Nursing

Associate Professor Diane Chlebowy

Project: *An Intervention to Improve Emergency Room Nurses' Swallow Study Implementation and Documentation*

Larrice NaSchelle Houston

Nursing

Assistant Professor Beverly Williams Coleman

Project: *Development and Implementation of a Diabetes Management Flow Sheet in a Primary Care Practice: A Quality Improvement Project*

Scott Alan Kristie

Nursing

Associate Professor Ruth Staten

Project: *Online Psychoeducation to Improve Quality of Life for Individuals with Bipolar Disorder*

* **Dakota Neil Lawler**

Nursing

Assistant Professor Sara E. Robertson

Project: *The Use of an Evidence Based Verbal Health Literacy Screening Tool in an Inpatient Setting*

Angela Leinenbach

Nursing

Associate Professor Whitney Nash

Project: *Implementation of an Educational Workshop on Lifestyle Management Program to Prevent Diabetes*

Joy Lynette Lindsey

Nursing

Associate Professor Ruth Staten

Project: *Reducing Provider Burnout with Mindfulness Intervention*

* **Heather Jean Locke**

Nursing

Associate Professor Mary DeLetter

Project: *The Use of Simulation and Experiential Learning to Practice*

Prenatal Care Management within a Doctor of Nursing Practice Program

Emily Mountjoy McRae

Nursing

Professor Becky Christian

Project: *Advance Practice Pediatric Nursing Council*

Tracey McQuilkin Miller

Nursing

Dr. Sharon Barton

Project: *Implementation and Evaluation of a Neonatal*

Chest Tube Simulation Labe for APP Competency

Kennetha Alma Marie Porter

Nursing

Associate Professor Mary-Beth Coty

Project: *Effectiveness of Girls Only!: Prevention Education Program*

for Self-Esteem Enhancement in At-Risk Adolescent Girls

Mollie Elizabeth Purvis

Nursing

Assistant Professor Beverly Williams Coleman

Project: *Human Trafficking Education for Pre-Licensure*

Nursing Students: A Quality Improvement Project

Hannah Christine Raake

Nursing

Professor Barbara Polivka

Project: *Decreasing the Incidence of Work-Related*

Musculoskeletal Disorders among Operating Room

Personnel through the Use of Anti-Fatigue Mats

Amy Michelle Rudd

Nursing

Dr. Sharon Barton

Project: *Safe Sleep in the NICU*

Janneve Patience Sankawulo-Knuckles

Nursing

Associate Professor Mary DeLetter

Project: *Improving Adherence in Adults with Hypertension Using Personalized Pictograms Pill Cards*

Tamara Dawn Slater

Nursing

Assistant Professor Beverly Williams Coleman

Project: *Reducing Falls through an Education Intervention to Increase Nurse-Promoted Mobility in Hospitalized Patients*

Brittany L. Tipton

Nursing

Dr. Sharon Barton

Project: *Practice vs. Evidence: Predicting Insertion Length and Verifying Placement of Feeding Tubes in Neonates*

Elizabeth Sarah Turcotte

Nursing

Dr. Sharon Barton

Project: *Analysis of Unplanned Extubations at a University Neonatal Intensive Care Unit*

Kathryn Taylor Van Hoose

Nursing

Dr. Sharon Barton

Project: *Neonatal Nurses' Knowledge and Assessment of Necrotizing Enterocolitis in the Premature Infant*

Blair Kelly Wagner

Nursing

Dr. Sharon Barton

Project: *Oxygen Use in the Delivery Room and the Outcome of Bronchopulmonary Dysplasia*

Tylar Alexis Williams

Nursing

Assistant Professor Sara E. Robertson

Project: *Implementation of an Evidence-Based Physical Activity and Nutrition Program in an After School Setting*

Introduction of Candidates for the Doctor of Education and Their Faculty Mentors

Barbara Clark, Ph.D.
Acting Associate Dean,
Graduate School

Natalie Redman Brown

Educational Leadership and Organizational Development
Associate Professor Jason Immekus
Dissertation: *Teacher Perception of Administrative Support for the Implementation of a Teacher Evaluation System*

Marcella Denise Franklin-Williams

Educational Leadership and Organizational Development
Associate Professor W. Kyle Ingle
Dissertation: *Middle School Outreach Efforts to Involve Immigrant Parents: What are the Perceptions of School Personnel and Immigrant Parents?*

Vanessa Marie McPhail

Educational Leadership and Organizational Development
Co-Chairs Associate Professor W. Kyle Ingle and
Associate Professor Meera Alagaraja
Dissertation: *Perceptions of Restorative Practices Among Black Girls: Talking Circles in an Urban Alternative Middle School*

Introduction of Candidates for the Doctor of Philosophy and Their Faculty Mentors

Barbara Clark, Ph.D.
Acting Associate Dean,
Graduate School

College of Arts and Sciences

Nathaniel David Andrew

Clinical Psychology
Professor Suzanne Meeks
Dissertation: *Religious Coping Measurement in the Context of Long-Term Care*

Michael Albert Baumann

English/Rhetoric and Composition
Associate Professor Karen Kopelson
Dissertation: *Do LGBTQ-Identified, Postsecondary Writing Instructors Come Out in Their Classrooms?*

Campbell Rightmyer Bego

Experimental Psychology

Associate Professor Marci DeCaro

Dissertation: *Exploratory Learning Activities in the Physics Classroom: Contrasting Cases Versus a Rich Dataset*

Sheilza Bhanjee

Urban and Public Affairs

Associate Professor Sumei Zhang

Dissertation: *Urban (Un)Planning and Social Vulnerability in the Context of Rapid Urbanization and Data Constraints: A Quantitative Study of Dar Es Salaam, Tanzania*

Elena Maria Clara Geronimi Bortoleto

Clinical Psychology

Professor Janet Woodruff-Borden

Dissertation: *Understanding Worry and Mindfulness Through Psycholinguistics*

Ryann Rose Cartor

Applied and Industrial Mathematics

Associate Professor Daniel Smith-Tone

Dissertation: *A Study of Big Field Multivariate Cryptography*

Katie Christine Christensen

Applied and Industrial Mathematics

Associate Professor Hamid Kulosman

Dissertation: *Algebraic Properties of Neural Codes*

Nicholas Keith Conder

Urban and Public Affairs

Professor David Imbroscio

Dissertation: *Worker-Owned Cooperatives as Urban Economic Development*

Katherine Claire Dixon

Experimental Psychology

Associate Professor Cara Cashion

Dissertation: *Disentangling the Negativity Bias: 7-9-Month-Old Crawling and Non-Crawling Infant's Responses to Fearful and Angry Expressions*

Matthew Robert Fischer

Urban and Public Affairs

Professor Frank Goetzke

Dissertation: *Impartiality, Social Network Effects and Collective Memory: Three Essays on Trust in Police*

Nicholas D. Fogleman

Clinical Psychology

Associate Professor Paul Rosen

Dissertation: *Emotion Regulation is Associated with Peer Victimization Among Children with Attention-Deficit-Hyperactivity Disorder*

Kyra Nicole Fritz

Criminal Justice

Professor George Higgins

Dissertation: *Police Stress, Depression, and Substance Use Among Police Officers: A General Strain Perspective*

Colette Marie Gramszlo

Clinical Psychology

Professor Janet Woodruff-Borden

Dissertation: *Behavioral and Cognitive Correlates of Intolerance of Uncertainty in Children with and without Anxiety Disorders*

Jaclyn Elyse Hilberg

English/Rhetoric and Composition

Associate Professor Stephen Schneider

Dissertation: *Subversive Sponsorship: Organized Literacy Education and the Long Civil Rights Movement*

Treva Elaine Hodges

Humanities

Co-Chairs Associate Professor Susan Jarosi and Assistant Professor Lara Kelland

Dissertation: *The Captivity Narratives of Cynthia Ann Parker: Settler Colonialism, Collective Memory, and Cultural Trauma*

Ram Krishna Hona

Chemistry

Assistant Professor Farshid Ramezanipour

Dissertation: *Oxygen Deficient Perovskites: Effect of Vacancy Order on Electrical Conductivity, Magnetism and Electrocatalytic Behavior*

Trevor Allen Leach

Applied and Industrial Mathematics

Professor Robert Powers

Dissertation: *Characterizing Majority Rule on Various Discrete Models of Consensus*

Antron Demel Mahoney

Pan-African Studies

Associate Professor Kaila Story

Dissertation: *Queering Black Greek-Lettered Fraternities, Masculinity and Manhood: A Queer of Color Critique of Institutionality in Higher Education*

Jennifer Lyne Marciniak

English/Rhetoric and Composition

Co-Chairs Professor Bronwyn Williams and

Associate Professor Stephen Schneider

Dissertation: *Brokering Words and Work: Complexities of Literacy Sponsorship in the Oilfields of South Texas*

Jakia Marie

Pan-African Studies

Associate Professor Mawuena Kossi Logan

Dissertation: *Denkyem (Crocodile): Identity Development and Negotiation Among Ghanaian-American Millennials*

* **Allison J. Midden**

Clinical Psychology

Professor Benjamin Mast

Dissertation: *Help-Seeking for Cognitive Impairment by the Patient: The Role of Self-Compassion*

* **Amy McCleese Nichols**

English/Rhetoric and Composition

Professor Bronwyn Williams

Dissertation: *Mapping Rural Literacy Sponsorship Networks: Literacy Infrastructures and Perceptions in Abbyville*

* **Dhruba Kumar Pattadar**

Chemistry

Professor Francis Zamborini

Dissertation: *Stability and Reactivity Analysis of Single Metal and Bimetallic Nanostructures by Anodic Stripping Voltammetry*

Samantha Carol Patton

Clinical Psychology

Professor Tamara Newton

Dissertation: *Involuntary Memories after Stressor Exposure: Contribution of Hormonal Status and Rumination in Women*

Anam Chandra Paul

Chemistry

Associate Professor Jinjun Liu

Dissertation: *Laser Spectroscopy Investigations of Jet-Cooled Metal-Containing Free Radicals*

Timothy James Pervenecki

Applied and Industrial Mathematics

Professor Bingtuan Li

Dissertation: *Allee Effects Introduced by Density Dependent Phenology*

Kala Marie Phillips

Clinical Psychology

Professor Sandra Sephton

Dissertation: *Exploring Individual and Dyadic Associations of Dispositional Mindfulness as an Ameliorative Factor of Anxiety and Roommate Satisfaction Among Undergraduate Roommates*

Md Aminul Islam Prodhan

Chemistry

Professor Xiang Zhang

Dissertation: *GCxGC-MS 2DLC-MS Based Untargeted Metabolomics*

Md Asmaul Reza

Chemistry

Associate Professor Jinjun Liu

Dissertation: *Laser Spectroscopic Investigations of Organic Alkoxy and Peroxy Radicals*

Jay Narayan Sharma

Chemistry

Professor Francis Zamborini

Dissertation: *Electrochemical Determination of Surface Area-to-Volume Ratio for Metal Nanoparticle Analysis*

Parul Singh

Biology

Associate Professor Mark Running

Dissertation: *Plant Protein Prenylation in Environmental Response and Protein Production*

Steven Patrick Sizemore

Urban and Public Affairs

Associate Professor Margath Walker

Dissertation: *Affirmatively Furthering Fair Housing at the Local Level: A Critical Discourse Analysis of Practices in Louisville, Kentucky*

*** Jennifer Anne Steward**

Art History

Professor Jay Kloner

Dissertation: *It's a Mad World After All: The Influence of Stoic Thought in Goy's Los Caprichos*

Hamzeh Ali Abdallah Telfah

Chemistry

Associate Professor Jinjun Liu

Dissertation: *Laser Spectroscopy Investigations on Molecular and Free Radicals Dynamics*

Jonathan Adam Udelson

English/Rhetoric and Composition

Co-Chairs Assistant Professor Andrea Olinger and

Professor Bronwyn Williams

Dissertation: *Characters Arcs: Mapping Creative Writers' Trajectories into the Composition Classroom*

* **Charles Anthony Van Stockum, Jr.**

Experimental Psychology

Associate Professor Marci DeCaro

Dissertation: *Functional Opponency in Working Memory Capacity Predicts Cognitive Flexibility in Problem Solving*

College of Education and Human Development

Christina Louise Angleton

Curriculum and Instruction

Professor Kathryn Whitmore

Dissertation: *Pedagogies of Possibility: A Study Reconceptualizing the Teacher's Role in a Reggio-Inspired Urban Preschool Classroom*

Elizabeth Aubrey Brenner

Educational Leadership and Organizational Development

Associate Professor Brad Shuck

Dissertation: *The Relationship Between Employee Engagement and Work Performance for Individuals Working in Active Asset Management: Examining the Moderate Effect of Age, Gender, and Job Function*

* **Bridget Kathleen Cauley**

Counseling and Personnel Services

Professor Patrick Pössel

Dissertation: *Examining the Temporal Directionality Between Teaching Behavior and Affect in High School Students*

Jacob R. Eleazer

Counseling and Personnel Services

Associate Professor Laurie McCubbin

Dissertation: *"We've Been Here All Along:" The Standpoint and Collective Resilience of Transgender U.S. Service Members*

Beth Newberry Gurney

Curriculum and Instruction

Associate Professor Ginevra Courtade

Dissertation: *Effects of a Writing Instructional Package for Students with Moderate Intellectual Disability*

* **Alyse Christine Jacobs**

Curriculum and Instruction

Associate Professor James Chisholm

Dissertation: *A Case Study of Teachers in an Innovative Professional Collaborative and the Evolution of Their Curricular Conceptions, Practices, and Agency*

Joshua Branden Jordan

Educational Leadership and Organizational Development

Associate Professor Brad Shuck

Dissertation: *Meta-Engagement: An Examination of Employee Engagement Antecedent Variable Interactions and the Impact of Engagement Outcomes*

Elizabeth Karen Liebschutz-Roettger

Counseling and Personnel Services

Associate Professor Amy Hirschy

Dissertation: *Education Abroad Participation: Predicting Participation Through High School Academic Record and Intent to be Involved in College as Reported in the Freshman Survey (TFS) and in the College Senior Survey (CSS)*

Caroline Margaret Pittard

Counseling and Personnel Services

Co-Chairs Professor Patrick Pössel and Assistant Professor Jill Adelson

Dissertation: *The Conceptualization of the Positive Cognitive Triad and Associations with Depressive Symptoms in Adolescents*

Jacob Shreffler

Educational Leadership and Organizational Development

Associate Professor Jacob Gross

Dissertation: *Predicting Residency Match Outcomes for Fourth-Year Medical Students*

Tyler Clayton Spencer

Educational Leadership and Organizational Development

Professor Mary Hums

Dissertation: *Campus Recreation Inclusion for People with Disabilities: A Qualitative Investigation of Current Inclusive Practices*

Kelsea Marie Visalli

Counseling and Personnel Services

Professor Patrick Pössel

Dissertation: *Disordered Eating, Depression, and Cognitive Vulnerabilities in College Women*

Interdisciplinary Studies

Sudhir Srivastava

Interdisciplinary Studies: Bioinformatics

Professor Shesh Rai

Dissertation: *Designing and Sample Size Calculation in Presence of Heterogeneity in Biological Studies Involving High-Throughput Data*

School of Public Health and Information Sciences

Gaberiel Jones, Jr.

Public Health Services

Professor Monica Wendel

Dissertation: *"Pissing in the Wind": Racially Discriminatory Economic Policies' Impact on Today's Banking Status, Use of Alternative Financial Services and Health Outcomes*

Debamita Kundu

Biostatistics

Co-Chairs Associate Professor Jeremy Gaskins and

Assistant Professor Ritendranath Mitra

Dissertation: *Novel Bayesian Methodology in Multivariate Problems*

Leslie Chiaventone Lopez

Public Health Sciences

Professor Richard W. Wilson

Dissertation: *Determining the Effect of an Educational Intervention on Medical Support Personnel's Knowledge to Administer a Standardized Developmental Screening Tool*

Kendall S. Stocke

Public Health Sciences

Associate Professor Rachel Neal

Dissertation: *Characterization of the Impact of Prenatal Cigarette Smoke Exposure on Age and Sex-Specific SIRT1-Mediated Hepatic Molecular Phenotype in C57BL/6 Mice*

Xiaofang Yan

Biostatistics

Professor Maiying Kong

Dissertation: *Statistical Methods for Estimating and Testing Treatment Effect for Multiple Treatment Groups in Observational Studies*

Raymond A. Kent School of Social Work

Kirsten Elin Smith

Social Work

Associate Professor Adrian Archuleta

Dissertation: *Opioid and Stimulant Use Among a Sample of Corrections-Involved Drug Users: Seeking an Understanding of High-Risk Drug Decisions Within a System of Constraint*

Alton Nathaniel Verbist

Social Work

Professor Crystal Collins-Camargo

Dissertation: *Predictors of Empirically-Supported Interventions Following Structured Functional Assessment*

Matthew Thomas Walton

Social Work

Associate Professor Martin Hall

Dissertation: *Comparative Spending of Medicaid Dollars on Child Participants of Kentucky Sobriety Treatment and Recovery Teams Program Versus a Matched Comparison Group*

School of Medicine

Ruqaih Salem Alghsham

Microbiology and Immunology

Professor Haribabu Bodduluri

Dissertation: *A Distinct Pattern of Sterile Inflammation Induced by Zinc Oxide Nanowires*

Aditya Barve

Pharmacology and Toxicology

Associate Professor Levi Beverly

Dissertation: *Characterization of a More Clinically Relevant Human Leukemia Xenograft Model to Examine Perturbation of MET/SAM Metabolism as a Novel Therapeutic Paradigm for MLL-R Leukemia in Vivo*

*** Victor Julian DePiero**

Anatomical Sciences and Neurobiology

Associate Professor Bart Borghuis

Dissertation: *Understanding Object Motion Encoding in the Mammalian Retina*

Alyssa Danielle Huff

Physiology

Assistant Professor Teresa Pitts

Dissertation: *Coordination of Airway Protective Behaviors and Swallow: Effects of Afferent Feedback and Sex*

Al Hassan Kyakulaga

Pharmacology and Toxicology

Professor Ramesh Gupta

Dissertation: *Therapeutic Potential of Withaferin A Against Non-Small Cell Lung Cancer*

Stephanie Anne Metcalf

Biochemistry and Molecular Genetics

Associate Professor Brian Clem

Dissertation: *Investigation of Phosphoserine Aminotransferase 1 (PSAT1) in Breast Cancer Progression*

Stephen John O'Brien

Physiology

Co-Chairs Professor Susan Galandiuk and Professor Dale Schuschke

Dissertation: *The Identification of lncRNA ZFAS1 Through an Exploratory RNA-sequencing Analysis and its Role as a Novel Mediator of Epithelial-to-Mesenchymal Transition in Colon Adenocarcinoma*

Joshua Mark Royal

Pharmacology and Toxicology

Professor Nobuyuki Matoba

Dissertation: *A Recombinant Cholera Toxin B Subunit Variant with a Endoplasmic Retention KDEL MOTIF (CTB-KDEL) Exhibits Unique Colon Muscosal Healing Effects that Have Therapeutic Implications for Inflammatory Bowel Disease*

*** Douglas John Owulaku Saforo**

Pharmacology and Toxicology

Associate Professor Leah Siskind

Dissertation: *Characterizing the Role of Extracellular Matrix in Non-Small Cell Lung Carcinoma Metastasis Using a 3D Microenvironment Mimetic In-Vitro Culture System*

*** Casey Jean Steadman**

Anatomical Sciences and Neurobiology

Professor Charles Hubscher

Dissertation: *The Effect of Spinal Cord Injury on Sexual Function*

Kevin M. Tyo

Pharmacology and Toxicology

Associate Professor Jill Steinbach-Rankins

Dissertation: *Electrospun Fibers and Nanoparticles for the Prevention of Sexually Transmitted Infections*

Juanita Evelyn Von Dwingelo

Microbiology and Immunology

Professor Yousef Abu Kwaik

Dissertation: *The Manipulation of Host Transcription by the AnkH Effector of Legionella*

School of Nursing

Barbara Ann Cave

Nursing

Professor Vicki Hines-Martin

Dissertation: *Addressing the Problem of Sterile Drug Injecting Supply Acquisition for People Who Inject Drugs*

* **Margaret Imelda Wright**

Nursing

Professor Barbara Polivka

Dissertation: *Exploring Normalization of Deviance and Examining Factors that Predict Culture of Safety in the Operating Room*

J. B. Speed School of Engineering

* **Mohammed Sanad Alshammari**

Computer Science and Engineering

Professor Olfa Nasraoui

Dissertation: *An Explainable Recommender System Based on Semantically-Aware Matrix Factorization*

Sri Sukanta Chowdhury

Electrical Engineering

Professor Robert Cohn

Dissertation: *Optical Direct Detection of Thermal Vibrations of Ultralow Stiffness Micro-Nano Structures*

Sumit Kumar Das

Electrical Engineering

Professor Dan Popa

Dissertation: *Adaptive Physical Human-Robot Interaction (PHRI) with a Robotic Nursing Assistant*

Mohammad Mohaghegh Faghieh

Mechanical Engineering

Professor M. Keith Sharp

Dissertation: *Improving Flow-Induced Hemolysis Prediction Models*

Xiaoming Fan

Mechanical Engineering

Co-Chair's Professor Robert Keynton and

Associate Professor Stuart Williams

Dissertation: *Development and Characterization of a Biopolymer Direct-Write Process 3D Microvascular Structures Formation*

Javad Hashemi

Chemical Engineering

Professor Eric Berson

Dissertation: *Non-Invasive Detection and Assessment of Coronary Stenosis from Blood Mean Residence Times*

Wenqi Liu

Electrical Engineering

Associate Professor Hongxiang Li

Dissertation: *Cognitive Satellite Communication and Distributed Streaming Graph Partitioned Embedding*

Adrienne Marie Parsons

Mechanical Engineering

Co-Chairs Professor M. Keith Sharp and Associate Professor Ellen Brehob

Dissertation: *All Season Heat Pipe System*

Mahyar Ramezani

Civil Engineering

Co-Chairs Associate Professor Young Hoon Kim and Professor Zhihui Sun

Dissertation: *Design and Predicting Performance of Carbon Nanotube Reinforced Cementitious Materials: Mechanical Properties and Dispersion Characteristics*

Mehdi S. Sabraoui

Computer Science and Engineering

Co-Chairs Associate Professor Adrian Lauf and

Associate Professor Jeffrey Hieb

Dissertation: *Formally Designing and Implementing Cyber Security Mechanisms in Industrial Control Networks*

Michael Goodman Schroeder

Mechanical Engineering

Co-Chairs Associate Professor Ellen Brehob

and Assistant Professor Erin Gerber

Dissertation: *Impact of Magnetocaloric Properties on Performance of a Magnetocaloric Heat Pump*

Long Zheng

Industrial Engineering

Assistant Professor Ki-Hwan Bae

Dissertation: *Simulation and Optimization of a Multi-Agent System on Physical Internet Enabled Interconnected Urban Logistics*

Fall 2018

Diana Kuo Stojda

Public Health Sciences

Professor Richard Baumgartner

Dissertation: *Polydrug Use Among People Who Use Opioids, National Survey on Drug Use and Health 2002 to 2017*

Conferring of Doctoral DegreesNeeli Bendapudi, Ph.D.
President

The Graduate Dean's Citations

Hye Sil Adams

D.N.P. Nursing
Mentor: Associate Professor
Ruth Staten

Mohammed Sanad Alshammari

Ph.D. Computer Science and
Engineering
Mentor: Professor Olfa Nasraoui

Bridget Kathleen Cauley

Ph.D. Counseling and Personnel
Services
Mentor: Professor Patrick Pössel

Victor Julian DePiero

Ph.D. Anatomical Sciences and
Neurobiology
Mentor: Associate Professor
Bart Borghuis

Caroline Greiner de Magalhaes

M.S. Experimental Psychology
Mentor: Professor Carolyn Mervis

Timothy Heine

M.A. Anthropology
Mentor: Professor Julie Peteet

Alyse Christine Jacobs

Ph.D. Curriculum and Instruction
Mentor: Associate Professor
James Chisholm

Dakota Neil Lawler

D.N.P. Nursing
Mentor: Assistant Professor
Sara E. Robertson

Heather Jean Locke

D.N.P. Nursing
Mentor: Associate Professor
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Allison Jean Midden

Ph.D. Clinical Psychology
Mentor: Professor Benjamin Mast

Amy McCleese Nichols

Ph.D. English/Rhetoric and
Composition
Mentor: Professor Bronwyn Williams

Dhruba Kumar Pattadar

Ph.D. Chemistry
Mentor: Professor Francis Zamborini

Douglas John Owulaku Saforo

Ph.D. Pharmacology and Toxicology
Mentor: Associate Professor
Leah Siskind

Casey Jean Steadman

Ph.D. Anatomical Sciences and
Neurobiology
Mentor: Professor Charles Hubscher

Jennifer Anne Steward

Ph.D. Art History
Mentor: Professor Jay Kloner

Charles Anthony Van Stockum, Jr.

Ph.D. Experimental Psychology
Mentor: Associate Professor
Marc DeCaro

Mycah Wayne Whetstone

M.S. Sports Administration
Mentor: Associate Professor
Dylan Naeger

Margaret Imelda Wright

Ph.D. Nursing
Mentor: Professor Barbara Polivka

Graduate Student Leadership

Antron Demel Mahoney

Pan-African Studies

MAGS Vice President 2017-2018

Jakia Marie

Pan-African Studies

MAGS Secretary 2017-2018

GSC Director of Communication 2017-2018

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Todd Mooradian, College of Business

Teresa Reed, School of Music

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J. B. Speed School of Social Work

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Alexa Melvin, Graduate Student Council President, Graduate Student in Interdisciplinary Studies: Specialization in Translational Bioengineering, Graduate School

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Elaine Wise, Assistant Professor of English, College of Arts and Sciences

