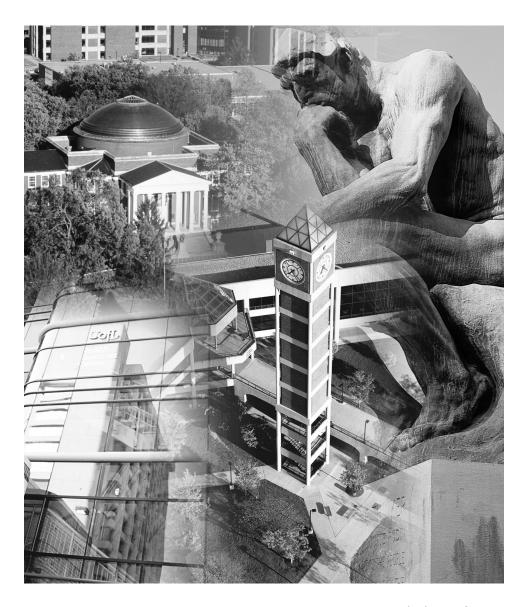


# DOCTORAL HOODING & GRADUATION CEREMONY

May 13, 2022

LOUISVILLE.



May 2022 Celebration

May 13, 2022



# 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

### The Guy Stevenson Award for Excellence in Graduate Studies

Trinidad Jackson Ph.D. Public Health Sciences

Mentor: Professor Monica Wendel

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. Trinidad Jackson is the recipient of this year's Stevenson award and as such, serves as the Graduate School's outstanding student and will deliver a speech for the Hooding and Commencement ceremonies.

Trinidad Jackson is a proud son of St. Louis, MO, but can make his home anywhere. He transitioned from "U. City" to Kentucky State University to explore an undirected academic path; he found homes within biology and psychology programs in addition to the Whitney Young Honors College. Thereafter, he obtained graduate degrees and worked in clinical psychology and public health domains across communities in Kentucky, Tennessee, and Ghana.

In November 2014, the fight for collective liberation summoned Trinidad's mind, body, and spirit back to St. Louis as a disruptor and social movement scientist. The Ferguson Uprising—sparked by Ferguson Police Department's murder of Michael Brown—provided a landscape that carried his critical social action research from St. Louis to Louisville. Upon returning to Louisville in 2015, he led community-based participatory research that explored power, oppression, and the need for critical consciousness and action through lenses of justice, safety, hope, and racial equity. This engagement and critical community-generated data were foundations for his team's ultimate CDC Center of Excellence designation for violence prevention research. Their approach deviated from traditional violence prevention by hiring youth to engage in teaching, learning, and coleading efforts addressing structural violence and liberation. During this same time period, Trinidad was the lead evaluator for Pivot to Peace—a collaborative effort across Louisville that recruited gunshot and stab wound victims from their hospital beds to engage in communal healing and community building. His work has been disseminated at local, national, and international levels through academic publications, presentations, and art.

Trinidad has engaged in multiple fellowships with organizations focused on sociopolitical transformation including Kentuckians for the Commonwealth and BMe, an organization working to transform Black communities locally and nationally. In July 2020—during racial justice uprisings across the country, he presented to Louisville Metro Council, urging it to declare racism a public health crisis. He felt it critical to catalyze government responsibility for a social phenomenon that kills so many people daily. In December 2020, an executive order addressing this crisis was declared, but the city has monumental gains to make before racially minoritized people are not suffering from premature death rooted in legacies of white supremacy.

He is a board member for the Minority Mental Health Project and has volunteered on numerous committees for entities across the city including the University of Louisville, Louisville Metro Government, Jefferson County Public Schools, and Louisville Urban League. In April and May 2021, he was respectively selected for new leadership roles: Assistant Dean for Culture and Liberation at the University of Louisville School of Public Health and Senior Advisor to the Commissioner within Kentucky's Cabinet for Health and Family Services to address policies, systems, and environments in ways that prioritize humanity. He has been presented with the Center for Women and Families' Nolen Allen Man of Distinction and the Outstanding Student/Employee of the Year awards for his professional and community-related efforts. Trinidad was inducted into Kentucky State University's 2021 Forty under Forty class, and he was honored with a proclamation for Trinidad Jackson Day (June 26) in the city of Louisville.

### The John Richard Binford Memorial Award

#### Robert Eric Shoemaker Ph.D. Humanities

Mentor: Professor Alan Golding

Robert Eric Shoemaker is the recipient of the John Richard Binford Memorial Award, which honors a former chairman 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.

Robert Eric Shoemaker is a prolific poet and interdisciplinary artist. Eric holds an MFA in Creative Writing & Poetics from the Jack Kerouac School at Naropa University and today receives his doctoral degree in Humanities at the University of Louisville. Eric's work focuses on magical poetics, public history, and gender and sexuality.

Eric has published three books of hybrid poetry, memoir, and playwriting: Ca'Venezia (2021, Partial Press), We Knew No Mortality (2018, Acta Publications), and 30 Days Dry (2015, Thought Collection Publishing). Eric has published scholarly work in Signs and Society, Jacket2, Entropy, and Gender Forum; translations in Asymptote; Exchanges; The Adirondack Review; and Columbia Journal; stage plays in Plath Profiles; poetry in Analogies & Allegories; Tiny Spoon; Bombay Gin; The Gordian Review; Barely South Review; Verde Qué Te Quiero Verde; Kairos; and other journals; prose in Miracle Monocle; and essays in Mount Analogue; Roar; and other journals.

Eric's play, "Barrens," a translation of Federico García Lorca's "Yerma," won the inaugural Orinda Award for Best New Translated Play from the Literary Managers and Dramaturgs of America. Eric is also the author of the duet musical "PLATH/HUGHES", which was awarded the 2014 Olga and Paul Menn Foundation Prize for Best Play. He is the Poetry Editor for the journal Plath Profiles and serves as a member of the University of Chicago Arts Alumni Board and the Sarabande Books Young Professionals Board.

In addition to being a prolific writer and translator, Eric is a generous colleague and community- engaged scholar. His nominator, Dr. Simona Bertacco, Humanities' Director of Graduate Studies, writes that "Eric Shoemaker will leave a huge void not only in our graduate community but also in Louisville where he organized poetry readings, led poetry workshops, and collaborated with many art boards and organizations. He is the Poetry Editor for the journal Plath Profiles and serves as a member of the University of Chicago Arts Alumni Board and the Sarabande Books Young Professionals Board." Eric has recently accepted a job at the prestigious Poetry Foundation in Chicago to bring his ideas of public engagement to this historical institution.

# The John M. Houchens Prize for Outstanding Dissertation

Heba ElSayed Mohamed Kandil Ph.D. Computer Science and Engineering

Co-mentors: Professors Ayman El-Baz and Adel Elmaghraby

Heba ElSayed Mohamed Kandil is the winner of the John M. Houchens Prize, which honors a former registrar of the university and is awarded to the doctoral student who presents the most meritorious dissertation for the current commencement.

Heba received her B.Sc. and M.S. degrees in computer science from Mansoura University, Mansoura, Egypt. In August 2016, she joined the Bioimaging Laboratory at the University of Louisville, Louisville, KY, and today she earns her Ph.D. in the Computer Science and Engineering Department at the University of Louisville. Her current research is focused on developing new computer-assisted diagnostic (CAD) systems for diagnosing severe diseases correlated with cerebrovascular changes in human beings. According to Dr. Wei Zhang, chair of her department, Heba's dissertation "not only surmounts a high bar in achievement but also promises to leave a strong impact on the pre-diagnosis of severe diseases such as hypertension. Hypertension afflicts 1 in every 3 adults and is a leading cause of mortality of about 4100,000 in the United States. . . . If not medically controlled in the early stages, hypertension would cause severe medical complications such as vision loss, heart attacks, strokes, kidney failure, brain lesions, and cognitive impairment. Therefore, the early detection or prediction of the disease is a top medical concern. The work presented in this dissertation focuses on developing a new noninvasive CAD system that possesses the ability to make an early prediction of hypertension by tracking the changes in humans' cerebral vascular systems that develop before the onset of hypertension." The dissertation also offers a very promising framework for diagnosing other cerebrovascular diseases

Heba's mentor, Dr. Ayman ElBaz notes that she has a "proven record, diligence, and prolific endeavors in the medical imaging field and that she has demonstrated her ability to be successful in this area of research. During her research, Heba published the reported results in top international conferences and prestigious journals." Heba has authored and co-authored 18 publications (6 journal articles, 6 conference papers, 2 book chapters, and 4 abstracts).

# The Virginia "Jenny" Madden Award for Graduate Student Leadership and Service

Erica Von Proctor Lewis M.F.A. Studio Art and Design

Mentor: Professor Ying Kit Chan

The Virginia "Jenny" Madden Award for Graduate Student Leadership and Service is named in honor of Virginia "Jenny" Madden for her many years of service to the Graduate School, the Staff Senate, and the University of Louisville community. The award recognizes a master's degree recipient who exhibits leadership through service to the recipient's program, college, discipline, the University as a whole, and/or the community. Erica Lewis is this year's recipient of the Madden award.

Erica Lewis is a third-year M.F.A. student in the Hite Institute of Art & Design at the University of Louisville, publishing and exhibiting under their initials of EVPL. Lewis grew up in Huntsville, Alabama and graduated from the University of Montevallo in 2019 with a B.A. in English, interested in Rhetoric, and a B.F.A. in Studio Art, concentrating in both Drawing and Printmaking. This spring, Lewis is graduating from UofL with their M.F.A. in Studio Art & Design, the terminal degree for studio artists. However, Lewis will continue their education at UofL this fall in the Comparative Humanities Ph.D. program on the Public Arts & Letters track.

Inspired by the graphic qualities of traditional printmaking, Lewis creates works that are predominately black and white across their use of various mediums, employing a striking and graphic appearance that unites the work across its various materials. (That said, Lewis does diverge from this aesthetic at times to preserve a rhetorical commentary or to preserve the history of a found object). Although they entered UofL as a 2D artist, Lewis's thesis exhibition largely uses cast objects and altered found object sculptures, led more by their concepts and a tactile viewer experience than by a singular material. Conceptually, Lewis is interested in researching and addressing bias and its integration into daily life through faulty systems, standards, and defaults. For instance, their sculpture The American Dream is an altered found object sculpture consisting of a door with three knobs. Lewis hopes that by viewers suspending disbelief in a gallery setting, they can reach new understandings of the way the world is structured to give privilege to some and to exclude others.

Lewis's mentor, Professor Ying Kit Chan, wrote that his mentee is an exemplary graduate student, a model citizen, and a natural leader. "Erica has a strong sense of responsibility, impeccable work ethic, awareness of justice, and always works toward a better world." An abbreviated but illustrative list of their many acts of service to the department, the College of Arts and Sciences, the University, and the community follows: serving the Graduate Network of Arts & Sciences for three years (as

representative, Treasurer, and then President); advocating for a new Art History textbook to combat the Western bias of the art canon; working with an undergraduate mentee to create new visual aids for how to draw a face from observation instead of often used yet biased "standards," formatting an undergraduate student's artwork into a #BlackLivesMatter #StopAsianHate banner to display on campus and promote the artwork; teaching art classes for Louisville Visual Art and the Shawnee Boys & Girls Club; helping to install/deinstall work from visiting artists/collectives into/ out of UofL spaces; volunteering as the Hite Printshop Manager to learn about and help maintain the shop; representing Hite at the Portland Art & Heritage Fair for three years to live print shirts for free. As their mentor notes, Erica's "leadership and volunteer work has greatly enhanced our community and the University."

## The Alice Eaves Barns Award for Outstanding Achievement in Master's Program

#### Vickie Stone M.S.S.W. Social Work

Mentor: Assistant Professor Shawnise Miller

The Alice Eaves Barns Award is named in honor of Mrs. Alice Eaves Barns for her many years of outstanding service as a staff member of the Graduate School. This award recognizes a student who has displayed tenacity in the face of adversity while attaining excellence in both the classroom and outside endeavors. The award is given in recognition of outstanding achievement in a master's program. Vickie Stone is this year's recipient of the Barns award, and she tells her own story in her words here:

I have faced many obstacles throughout life, only to power through, letting nothing stand in my way. Born to elderly parents, I had little parental guidance and structure at a young age. Subsequently, I had quit going to school by the sixth grade. By the age of 18, I had become an unwed, single, teenage mother of two. Enduring the trauma of my mother's death I turned to drugs and alcohol for the next 20 years. With little education, I became a server to support my children as well as my addiction. I lived and worked as a functioning addict until my children became of age and moved out. After a short stay at Jefferson Alcohol and Drug Abuse Center, I signed myself out against the recommendation of my counselor only to wake the next morning from an accidental overdose. I made a vow to God that day and declared, "If you let me walk away from this one, I will never look back".

In August 2008, I started living a life of sobriety by making meetings twice a day, finding a group home, getting a sponsor, and working the steps. That was just the beginning for me as I learned how to live a clean life. I lived in many different states over the next five years until I was asked one day by a loved one, "What makes you happy?" That guestion turned my life around. In 2013, I successfully achieved my General Education Diploma and moved back to Louisville. The next year, I was able to enroll in college, and there I spent the next four years working on my education. In May 2018, I graduated from Jefferson Community and Technical College with an Associate in Arts and an Associate in Applied Science degree. I then went on to enroll as a student at the University of Louisville pursuing a Bachelor's degree in Social Work. My first semester at U of L ended with a grade point average of 3.97 due to the help of my classmates/professors and my own dedication and hard work. In May of 2020, I successfully completed the Bachelor's program, but due to Covid-19, my longawaited graduation was held through a zoom link. Upon graduation

I decided to pursue my Master's degree so I enrolled in the Advance Standing Program. Ideally, I would graduate within a year. However, in January 2021, I contracted COVID. As a result, I was placed in the hospital and within days my health had declined, and I was moved into the Intensive Care Unit. After my left lung collapsed, I was placed on a ventilator for 10 days, hospitalized 30 days, in rehabilitation for 11 days, and lived with my sister for 30. I was due to graduate that semester, but I withdrew in order to heal.

Today I am considered a covid long hauler, and even though covid has permanently damaged my lungs, heart, and my memory I was determined to finish getting my degree. I will receive my master's degree this May and expecting to graduate again with a high GPA. I have persevered through many challenges, and today I stand here stronger, wiser, more resilient than I have ever been, and I thank God for bringing me through this journey.

# **Graduate School's Outstanding Faculty Mentors**

#### **Outstanding Faculty Mentor of Master's Students**

Stefanie Wooten-Burnett, Ph.D.

Department of Elementary, Middle & Secondary Teacher Education

Dr. Stefanie Wooten-Burnett is this year's recipient of the Outstanding Mentor of a Master's Student. This award honors a faculty member who mentors students to the completion of a Master's degree through direction of their thesis, supervision of research, oversight of a student's publications, awards or an internship or professional paper.

Dr. Stefanie Wooten-Burnett is a clinical assistant professor and the Director of Multiple Pathways for Teacher Certification in the College of Education and Human Development. She first came to the university in 2005 as a term instructor for the Physical Education and School Health programs. Since then, Dr. Wooten-Burnett has served the college as a program director and assistant professor, returning to the university in 2019 as the Director of Alternative Certification and becoming the Director of Multiple Pathways in 2020.

Dr. Wooten-Burnett is widely recognized at the university and throughout the greater Louisville community as a driving force behind the success of the Louisville Teacher Residency program and the residency model for teacher training. She spends much of her time mentoring students in and outside the classroom who are pursuing degrees in teacher preparation. Drawing on her background as a K-12 physical education teacher, her passion for students and early career teachers has led to local and national recognition. She holds her bachelors, masters, and doctoral degrees from the University of Louisville and an education specialist degree in school administration from Indiana State University.

A student of Dr. Wooten-Burnett described her as being, "a wealth of knowledge, guidance, and advocacy" for all students. "Dr. Wooten-Burnett has perfectly modeled the role of educators in students' lives throughout the last two years." She is an inspiration for many students within her program through her leadership and confidence.

#### **Outstanding Faculty Mentor of Doctoral Students**

Craig Grapperhaus, Ph.D. Department of Chemistry

Dr. Craig Grapperhaus is this year's recipient of the Outstanding Mentor of a Doctoral Student award. This award honors one-on-one mentoring of a doctoral student through direction of a dissertation, supervision of a student's laboratory research, or oversight of a student's internship or final professional paper.

Professor Grapperhaus joined the University of Louisville as an Assistant Professor in the Department of Chemistry in 2000, was tenured and promoted to Associate Professor in 2005, and promoted to Full Professor in 2011. Dr. Grapperhaus served as the Department of Chemistry Director of Graduate Studies from 2005 to 2010, the Vice Chair from 2009 to 2012 and 2015 to 2017, and the Chair from 2017 to 2020. Since Fall 2021, he has been serving as the Director of Undergraduate Studies for the Department of Chemistry. He was recognized as Research Exemplar by the Professional & Integrity in Research Program at Washington University for his high quality, high-impact research and exemplary professionalism and integrity in research in 2017. Prof. Grapperhaus' research focuses on the synthesis, characterization, and reactivity of metal complexes for applications in catalysis, renewable energy, and metal-containing therapeutics. He has mentored 15 Ph.D. graduates and currently mentors/co-mentors 10 graduate students. Prof. Grapperhaus is a member of the Conn Center for Renewable Energy Research and he collaborates with colleagues from the College of Arts & Sciences, Speed School, and School of Medicine. Prior to the University of Louisville, Prof. Grapperhaus was awarded an Alexander von Humboldt Fellowship for post-doctoral studies at the Max-Planck-Institut für Strahlenchemie in Mülheim, Germany from 1998 - 2000. He received his Ph.D. in Chemistry from Texas A&M University in 1998.

A student of Dr. Grapperhaus states, "his dedication in training, mentoring and motivating students to perform to the best of their abilities cannot be matched." He inspires students to grow in their field, and prompts their personal growth. The Chair of the Chemistry department explains that Dr. Grapperhaus successfully recruits students because of his strong reputation among the Chemistry department. Dr. Grapperhaus' goal as a mentor is to instill the drive in his students to be their own sternest critic and greatest promoter. He strives to teach students how to design control experiments, question their results, and carefully analyze of their own data trying to prove themselves wrong so they can proudly and confidently disseminate their accomplishments to the broader community and advance on their career path. Prof. Grapperhaus enjoys teaching general chemistry at the freshman level and specialized courses in inorganic chemistry and catalysis at the graduate level. He is inspired by the knowledge, eagerness to learn, and social awareness of the students he meets in the classroom and laboratory. He is confident in their ability to go forward and work collaboratively on interdisciplinary teams to solve global problems.

#### **Outstanding Faculty Mentor of Doctoral Students**

Lynne Hall, DrPH, RN School of Nursing

Dr. Lynne Hall, professor and Associate Dean of Research in the School of Nursing, is this year's recipient of the Outstanding Mentor of a Doctoral Student award. This award honors one-on-one mentoring of a doctoral student through direction of a dissertation, supervision of a student's laboratory research, or oversight of a student's internship or final professional paper.

Dr. Hall joined the University of Louisville faculty in 2011 after 26 years of service at the University of Kentucky where she directed the PhD Program and served as the Associate Dean for Research and Scholarship. She is responsible for facilitation of research in the School of Nursing and has administration of the PhD Program in her portfolio of responsibilities. Dr. Hall teaches and advises in the PhD Program and advises students in the Doctor of Nursing Practice Program. She supervises tenured and tenure track faculty and administers the Office of Nursing Research. Dr. Hall is a two-time graduate of Clemson University, receiving both her BSN and MSN degrees there. She received her doctoral degree in Maternal and Child Health with a minor in Epidemiology in the School of Public Health from the University of North Carolina where she also did a two-year postdoctoral fellowship.

Dr. Hall has taught and advised PhD students since 1987. Dr. Hall has mentored 59 PhD graduates and six Doctor of Nursing Practice graduates to completion. Since joining the University of Louisville faculty, she has served on committees for a total of 15 doctoral graduates--nine PhD graduates and six DNP graduates. Dr. Hall's mentees followed in her footsteps and have garnered federal funding for their programs of research and published extensively in peer-reviewed journals. They have attained leadership positions such as deanships and also received many honors and awards.

Dr. Hall's nomination letter highlights her pivotal role in contributing to the success of her students. One student states, "Her success as an advisor and a mentor has positioned her as one of the most sought-after dissertation chairs within the School of Nursing." The student also describes Dr. Hall as the most supportive academic advisor they have ever met.

Dr. Hall believes that the best measure of a mentor's success is the success of their mentees. She said, "I subscribe to servant leadership whereby my focus is not on being served but is on serving others to help them achieve success. This is the philosophy I bring to mentoring others whether they are students, faculty, or staff. I believe it is critical for both the mentor and mentee to work hard but to also enjoy the process of achieving milestones along the way. I truly care about those that I serve and their success and strive to show it in mentoring others."

#### **Provost's Award for an Exemplary Director of Graduate Studies**

Sarah Emery, Ph.D. Department of Biology

Dr. Sarah Emery is this year's recipient of the Provost's Award for an Exemplary Director of Graduate Studies. This award honors those who have graduate or professional student advising and/or administrative duties for their graduate program and who excel at the work of advising graduate students in areas such as program requirements, career prospects and funding possibilities.

Sarah Emery is a full professor in the Biology Department at UofL. She earned her B.S. in Biology and Studio Art from Denison University in Ohio and her Ph.D. in Plant Biology from Michigan State University. She completed a post-doctoral fellowship at Rice University in Texas before joining the faculty at UofL in 2007. As an ecologist, Dr. Emery focuses her research on understanding how plants respond to different aspects of global change, and she has over 50 publications in peerreviewed journals. Dr. Emery has been a strong proponent of graduate education throughout her career and has taught a variety of graduate and undergraduate courses in Biology, including an introductory seminar for new PhD students that covers topics related to professional development, mental health, and tools for success in graduate school. Dr. Emery has served as Director of Graduate Studies in Biology since 2017. In this role, she initiated a peer-mentoring program for new PhD students in Biology in 2020, to help counter isolation caused by the COVID-19 pandemic. She also has supervised dissertations and theses for 13 Ph.D. students and 6 M.S. students and participated on advisory committees for another 28 graduate students during her time at UofL. Graduate students in her lab are encouraged to pursue their own research interests under the broad umbrella of plant community ecology, and she is proud to help students graduate from UofL as productive and independent scientists. In her personal time, Dr. Emery enjoys hiking, crochet, occasionally defeating her husband in pickleball, and being a mom to two great kids.

A student of Dr. Emery states, "She has gone above and beyond to organize a student support program which helps new graduate students make strong acquaintances despite the challenges imposed from covid-19." Her nomination letter emphasizes her qualities as a DGS. "She works tirelessly and selflessly to help the graduate students in the Biology Department, and not unrelatedly, to help the Graduate Program flourish as well."

# Degrees - May 2022

# Master of Fine Arts and Their Faculty Mentors

#### **Betty Alvarez**

Studio Art and Design Professor Ying Kit Chan Thesis: di-as-po-ra. Displaced, not erased.

#### Jahi Emaud Bogard

Theatre Arts Professor Janna Segal

Thesis: The Reading of Sir Toby Belch: A Queer and Black Exploration of William Shakespeare's Twelfth Night

#### Xin Chen

Studio Art and Design Associate Professor Che Rhodes Thesis: Meat the Future

#### **Lamar Alonzo Hardy**

Theatre Arts Professor Janna Segal

Thesis: Contemporary Blackface Theatre: Exploring Split Second from an Authentic Black Lens to Combat White Stereotypes

#### **Erica Von Proctor Lewis**

Studio Art and Design Professor Ying Kit Chan

Thesis: It's All Fun And—: A Rhetorical Analysis of Space in the Pandemic

#### **Brandi LaShay Threatt**

Theatre Arts

Professor Janna Segal

Thesis: Black Woman Burdening: The Process of "Unburdening"

in Realism in Dennis Mcintyre's Split Second

#### Xuanyi Wang

Studio Art and Design Associate Professor Tiffany Calvert Thesis: Between & Between

#### Jingshuo Yang

Studio Art and Design

Co-chairs: Professors Delin Lai and John Gibson

Thesis: Transformation

# Doctor of Nursing Practice and Their Faculty Mentors

#### **Griffin Louis Knepp**

Nursing

Associate Professor Said Abusalem

Project: An Intervention to Enhance Health Care Provider Knowledge and Self-Efficacy in Using Medical Interpreters

#### **Taylor Rush Morganti**

Nursing

Assistant Professor Leann Baker

Project: Developmentally Supportive Positioning

in the Neonatal Intensive Care Unit

#### Akira Tsunawaki

Nursing

Associate Professor Mary DeLetter

Project: Addressing Medication Adherence in a Homeless Population

# **Doctor of Audiology and Their Faculty Mentors**

#### **Scott Frederick Capece**

Audiology

Assistant Professor Shae Morgan

Project: Otitis Media Light Therapy: Antibiotic Comparative Analysis

Externship: Robley Rex VA Medical Center (Louisville, KY)

#### **Clarissa Ann Story**

Audiology

Assistant Professor Shae Morgan

Project: The Hearing Aid Effect: Listeners Perception of Emotion Externship: University of Mississippi Medical Center, Jackson MS

# **Doctor of Education and Their Faculty Mentors**

#### **Raymond Edward Green**

Educational Leadership and Organizational Development

Assistant Professor Deborah Powers

Dissertation: Examining Adolescent Voices in Urban Montessorianism within the Third Plane of Development

#### **Andrew Lewis Thomas**

Educational Leadership and Organizational Development

Professor Jason Immekus

Dissertation: The Exploratory Study of Jefferson County Public Schools' Freshman Academies of Louisville Model on Student Promotion, Attendance, and Sense of Belonging

# **Doctor of Philosophy and Their Faculty Mentors**

# College of Arts and Sciences

#### Prasadanie Karunarathna Adhihetty

Chemistry

Professor Michael Nantz

Dissertation: Surface-Functionalized Chemiresistive Films that Exploit H-Bonding, Cation-Pi, and Metal-Halide Interactions

#### Ali Ibrahim Alzahrani

Physics

Professor Gamini Sumanasekera

Dissertation: 2D Materials Based Heterostructures for Quantum Tunneling: A Lithography Free Technique

#### Charlotte F. Asmuth

English Rhetoric and Composition

Professor Bruce Horner

Dissertation: Writing Assessment on the Move:

Sites of Knowledge Mobilization

#### **Benjamin Jackson Calebs**

Clinical Psychology

Professor Richard Lewine

Dissertation: Coping Flexibility and Academic Resilience Among Low-SES College Students

#### John Walter Chenault

Pan-African Studies

Co-mentors: Professor Theresa Raiack-Tallev and Associate Professor Tyler Fleming

Dissertation: Western Christianity and the Origins of Antiblackness,

Eurocentrism, and White Supremacist Ideology

#### **Camara Uras Douglas**

Pan-African Studies

Co-mentors: Associate Professor Yvonne Jones

and Professor Theresa Rajack-Talley

Dissertation: The Underbelly of Residential Segregation, Bussing to Integrate and the Educational Ramifications:

A Case Study of Louisville Kentucky

#### **Anthony Chigozie Ewurum**

Chemistry

Co-mentors: Professors Douglas Borchman and Muriel Maurer

Dissertation: Spectroscopic Measurements of Meibum Compositional, Structural and Functional Relationships

to Elucidate the Role of Meibum in Dry Eye

#### Surendra Bahadur Karki

Chemistry

Associate Professor Farshid Ramezanipour

Dissertation: Structural, Charge Transport, Gas Sensing, Magnetic,

Pseudocapacitive, and Electrocatalytic Properties Of Perovskite Oxides

#### Susana Perez Martinez

Biology

Professor Mark Running

Dissertation: Functional Role of PPAL and Potential

for Moss in Industrial Applications

#### Sagar Ravso Mudshinge

Chemistry

Professor G.B.Hammond

Dissertation: Development and Novel

Applications of Halogenating Agents

#### **Tharique Ahammed Ansari Nalakath**

Chemistry

Associate Professor Sachin Handa

Dissertation: Sustainable Nanocatalysis in Water

for C-C and C-N Cross-Couplings

#### **Ruben Olegovich Pavlov**

Criminal Justice

Associate Professor Viviana Andreescu

Dissertation: Factors Influencing American Indian Adolescents'

Abstention and Desistance from Drug Usage

#### **Abby Francis Perez**

Urban and Public Affairs

Associate Professor Lisa Bjorkman

Dissertation: Findings and Understandings of 'Home':

An Ethnographic Study of How Homeless People and

Displaced Person Negotiate the Word 'Home'

#### Wilma Denae Powell

Pan-African Studies

Associate Professor Kaila Story

Dissertation: AUTHENTICALLY (UN)REAL: Assessing VH1's Basketball

Wives and its Violent & Colorist Portrayals of Black Women

#### **Aaron Niles Sexton**

Biology

Professor Sarah Emery

Dissertation: Plant-Pollinator Communities Responsive to Local

and Landscape Level Factors in Grassland Restorations

#### **Joseph Sharp**

English Rhetoric and Composition Associate Professor Joseph Turner Dissertation: *Definitions and Depictions of Rhetorical Practice in Medieval English Furstenspiegel* 

#### **Robert Eric Shoemaker**

Humanities

Professor Alan Golding

Dissertation: As Above, So Below: Magical Poetics

and Queer Alchemy & A Planetary Spell

#### **Nicholas Alan Short**

Biology

Professor Paul Ewald

Dissertation: Porphyromonas Gingivalis, Ethanol, and

Chronic Diseases

#### Joshua D. Simpson

Humanities

Co-mentors: Professors John Gibson and Aaron Jaffe

Dissertation: Kurt Vonnegut, Modernity, and

the Self: A Guide to "The Good Life"

#### **Robert Anthony Skolik**

Biology

Professor Michael Menze

Dissertation: Role of Galactose, Thiazolidinediones, and NEET Proteins

in Mitochondrial Physiology and Therapeutic Development

#### **Walker Preston Smith**

English Rhetoric and Composition Professor Mary P. Sheridan

Dissertation: (De)Legitimizing Genres: Rhetoric

and Tactical Institutional Critique

#### Allison J. Williams

Experimental Psychology Associate Professor Judith Danovitch Dissertation: *The Role of Accuracy in Children's Judgments of Experts' Knowledge* 

# College of Business

#### **Kirsten Bullock**

Entrepreneurship

Associate Professor Ryan Quinn

Dissertation: Mission Drift and the Effectiveness of Resource Dependence

Theory in an Internally Resource-Constrained Environment

#### Lauren Atkinson Zettel

Entrepreneurship

Professor Robert Garrett

Dissertation: Finding the Silver Lining: The Role of Affect

and Adversity in Entrepreneurial Venturing

# College of Education and Human Development

#### **Geena Marie Constantin**

Curriculum and Instruction

Associate Professor Mary Shelley Thomas

Dissertation: "We Will Work A Lot, And You Are So Loved": Teacher Perspectives on Building Positive Relationships with Students

#### **Amy Rae Hall**

Curriculum and Instruction

Professor Terry Scott

Dissertation: High-Probability Tasks and Task Completion Rates

of Students with Emotional and Behavioral Disorders

#### **Natalie Saroff Oliner**

Counseling and Personnel Services

Associate Professor Susan Longerbeam

Dissertation: The Water We Were Swimming In: Transgender And Gender Nonconforming Students' Lived Experiences In Engineering

#### Liza Rose Reader

Educational Leadership and Organizational Development

Associate Professor Evan Frederick

Dissertation: Motivations of Division I Student-Athletes to

Participate in Strength and Conditioning Programs

#### **Leah Andrea Riggs**

Curriculum and Instruction

Professor Timothy Landrum

Dissertation: Effects of a Mindfulness-Based Intervention on Students' Self-Reported Mood States and Rates of Academic Engagement

#### **Nina Siegfried**

Educational Leadership and Organizational Development

Professor Mary Hums

Dissertation: The Role of Organizational Culture and Relationship Marketing in Disability Sport Sponsorship: An Exemplar Case Study

#### **Matthew David Trzaskus**

Curriculum and Instruction

Co-mentors: Professor Thomas Tretter and Associate Professor Justin McFadden

Dissertation: An Analysis of Public Comments on the

Implementation of the NGSS in Kentucky

# **Interdisciplinary Studies**

#### **Connor Sterling Centner**

Interdisciplinary Studies, specialization in Translational Bioengineering

Associate Professor Jonathan Kopechek

Dissertation: Characterization of Fundamental Parameters that Modulate Acoustofluidic-Mediated Molecular Delivery to Cells

# School of Public Health and Information Sciences

#### Lyndsey Kathleen Blair

Public Health Sciences

Assistant Professor Natalie DuPre

Dissertation: Investigating the Relationships Between

Socioeconomic Status, Kratom Legislation, and the Covid-19 Pandemic on Opioid Overdose Mortality in the United States

#### Nana Ama Ava Erzuah Bullock

Public Health Sciences

Associate Professor Muriel Harris

Dissertation: "The Higher the Risk the Louder the Applaud": Exploring Personal, Behavioral and Socio-Environmental Factors Influencing High Risk Sexual Behaviors and HIV Prevention Among Heterosexual Adult Males in Ghana

#### **Kelsev LeAnn Burton**

Public Health Sciences

Associate Professor Jelani Kerr

Dissertation: HIV and the African American Church:

Millennial Faith Leaders Perspectives

#### Raphael Adjetey Fumey

Public Health Sciences

Associate Professor Muriel Harris

Dissertation: Understanding Public Emergency Preparedness Before and During the Coronavirus Outbreak: Implications

for Effective Public Health and Risk Communication

#### **Trinidad Jackson**

Public Health Sciences

Professor Monica Wendel Dissertation: Public Health Contagion of White Supremacy:

Examining the Pipeline of Attitudes About Racism and Racial History Education Among High School Students

#### Emily Kathleen (Steinmetz) Reece

Public Health Sciences

Associate Professor Kira Taylor

Dissertation: Protest-Related Tear Gas Exposure and Menstrual Function

#### **Alice Margaret Story**

Public Health Sciences

Associate Professor Muriel Harris

Dissertation: Person-centered Decision-making and Socio-cultural

Contexts Influencing Cesarean Deliveries: A National Analysis

#### Qian Xu

**Biostatistics** 

Professor Maiying Kong

Dissertation: Statistical Methods for Assessing Drug Interactions and Identifying Effect Modifers Using Observational Data

# Raymond A. Kent School of Social Work and Family Science

#### Sultan Ali Shubair

Social Work

Co-mentors: Professor Thomas Lawson and Assistant Professor Stephanie Grace Prost Dissertation: Determinants of Caregiver Burden

Among Informal Caregivers Looking After Older Adults

with Alzheimer's Disease in Saudi Arabia

#### **Kyee Altranice Johnson Young**

Social Work

Assistant Professor Shawnise Miller

Dissertation: Learning the Language of America: A Descriptive Phenomenological Study of Black Racial Conscientization

# **School of Medicine**

#### **Gabrielle Brown**

Physiology and Biophysics

Associate Professor Amanda LeBlanc

Dissertation: Adipose-Derived Stromal Vascular Fraction Therapy Improves Age-Related Adrenergic Mediated Microvascular Dysfunction and Increases Revascularization Potential Following Injury

#### Mengwei Jiang

Pharmacology and Toxicology

Co-mentors: Professors Wenke Feng and Craig McClain

Dissertation: Extracellular Vesicles from Lactobacillus Rhamnosus GG Protect Against Alcohol -Induced Liver Injury through Suppression of Intestinal Mir194 and Subsequent Activation of FXR in Mice

#### **Justin Thomas Kos**

Biochemistry and Molecular Genetics Assistant Professor Corev Watson

Dissertation: Genomic Tools and Models for Investigating the Role of Germline Diversity in Mouse Antibody Repertoire Development

#### **Hunter Allan Miller**

Pharmacology and Toxicology

Associate Professor Hermann Frieboes

Dissertation: A Modeling Platform to Predict Cancer Survival and Therapy Outcomes Using Tumor Tissue Derived Metabolomics Data

#### **Hazel Ozuna**

Microbiology and Immunology

Co-mentors: Professors Donald Demuth and Silvia Uriarte Dissertation: Aggregatibacter Actinomycetemcomitans Exploits and Modulates the Immune Response by Human Neutrophils for Survival in the Anaerobic Environment

#### Katharina Marietta Scheurlen

Physiology and Biophysics

Co-mentors: Professors Susan Galandiuk and Irving Joshua Dissertation: *The Role of Obesity in Macrophage-Mediated Mechanisms in Promoting Early-Onset Colon Cancer* 

#### **Bethany Lee Vaughn**

Microbiology and Immunology Professor Yousef Abu-Kwaik

Dissertation: Lysosomal Evasion of Legionella

Pneumophilia by the Effector MavE

#### **Aaron Gregory Whitt**

Pharmacology and Toxicology Associate Professor Chi Li

Dissertation: The Roles of Pon2 in Mitochondrial Physiology, Lung Tumor Cell Proliferation, and Lung Tumorigenesis

# **School of Nursing**

#### Karen Denise Schuckmann

Nursina

Co-mentors: Associate Professor Said Abusalem

and Professor Barbara Polivka

Dissertation: Factors Affecting Quality of Life and Asthma Control in Older Adults with Asthma

#### Susan Ellis Winebrenner

Nursing

Professor Lynne Hall

Dissertation: The Experience of Scanxiety in Survivors of

Pancreatic Cancer: A Phenomenological Study

# J. B. Speed School of Engineering

#### Abdulmaged Mohammad A Algomaiah

Civil Engineering

Associate Professor Zhixia Li

Dissertation: Utilizing Shockwave Theory and Deep Learning to Estimate Intersection Traffic Flow and Queue Length Based on Connected Vehicle Data

#### **Aneseh Alvanpour**

Computer Science and Engineering

Professor Olfa Nasraoui

Dissertation: Beyond Accuracy in Machine Learning

#### Arulselvan Arumugham Akilan

Mechanical Engineering

Professor Sundar Atre

Dissertation: Properties of 25cr7ni Stainless Steel Fabricated Through Laser-Powder Bed Fusion

#### Sandipan Banerjee

Mechanical Engineering

Professor Yongsheng Lian

Dissertation: Nucleate Boiling Under Different Gravity Values:

Numerical Simulations & Data-driven Techniques

#### Mariem Boujelbene

Computer Science and Engineering

Professor Olfa Nasraoui

Dissertation: Multiple Bias Correction in Collaborative

Filtering Recommender Systems

#### **Khalil Damak**

Computer Science and Engineering

Professor Olfa Nasraoui

Dissertation: New Accurate, Explainable, and Unbiased Machine Learning Models for Recommendation with Implicit Feedback

#### **Alexander Jiya Gupta**

Chemical Engineering

Co-mentors: Associate Professor Gautam Gupta

and Assistant Professor Vance Jaeger

Dissertation: Materials and Interfaces for Electrocatalytic

Hydrogen Production and Utilization

#### Aryan Hosseinzadeh

Civil Engineering

Assistant Professor Robert Kluger

Dissertation: Data Linkage for Crash-Injury Outcome Assessment

#### **Md Anwar Hossain**

Chemical Engineering

Assistant Professor Noppadon Sathitsuksanoh

Dissertation: Engineering Lewis Acidic Material for the

Lignin Conversion and Battery Applications

#### **Heba ElSaved Mohamed Kandil**

Computer Science and Engineering

Co-mentors: Professors Adel Elmaghraby and Ayman El-Baz

Dissertation: Machine Learning Approaches for

Early Prediction of Hypertension

#### Sami Khenissi

Computer Science and Engineering

Professor Olfa Nasraoui

Dissertation: Modeling and Debiasing Feedback Loops

in Collaborative Filtering Recommender Systems

#### Russell B. Prater

Mechanical Engineering

Professor Yongsheng Lian

Dissertation: Fluid Structure Interactions within

a Common Rail Diesel Injector

#### **Mohammad Shahinur Rahaman**

Chemical Engineering
Assistant Professor Noppadon Sathitsuksanoh
Dissertation: Development of Porous Solid Acid Catalysts
for Lignocellulose and Plastic Upcycling

### The Graduate Dean's Citations

# Abdulmaged Mohammad A Algomaiah

Ph.D. Civil Engineering Mentor: Associate Professor 7hixia I i

#### **Aneseh Alvanpour**

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

Mentor. Professor Offa Nasraou

#### Kristofer J. Anderson

M.M. Music Performance Mentor: Professor Kent Hatteberg

#### Desmond D'Shawn Anderson

M.M. Music Performance Mentor: Professor Frederick Speck

#### Jia Elizabeth Zhao Berling

M.S.S.W. Social Work Mentor: Professor Lori Paris

#### Lyndsey Kathleen Blair

Ph.D. Public Health Sciences Mentor: Assistant Professor Natalie DuPre

#### Mariem Boujelbene

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

#### **Javoughn Depre Brown-Lewis**

M.S.S.W. Social Work Co-mentors: Associate Professor Heather Storer and Professor Matthew Harris

#### Nana Ama Aya Erzuah Bullock

Ph.D. Public Health Sciences Mentor: Associate Professor Muriel Harris

#### **Kelsey LeAnn Burton**

Ph.D. Public Health Sciences Mentor: Associate Professor Jelani Kerr

#### **Abbigail Jesslynn Clark**

M.S.S.W. Social Work Mentor: Assistant Professor Stephanie Grace Prost

#### Johanna Clare Crisman

M.A. Higher Education Administration Mentor: Professor Jeffrey Sun

#### **Kevin Andrew Curry**

M.S. Sport Administration Mentor: Associate Professor Evan Frederick

#### Khalil Damak

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

#### **Emily Marie Frazier**

M.A. Anthropology Mentor: Assistant Professor Kathryn Marklein

#### **Stephanie Henry-Floyd**

M.S.S.W. Social Work Mentor: Associate Professor Lesley Harris

#### **Md Anwar Hossain**

Ph.D. Chemical Engineering Mentor: Assistant Professor Noppadon Sathitsuksanoh

#### Aryan Hosseinzadeh

Ph.D. Civil Engineering Mentor: Assistant Professor Robert Kluger

#### Johnique Mekelle Ison

M.S.S.W. Social Work Mentor: Professor Lori Paris

#### Trinidad Jackson

Ph.D. Public Health Sciences Mentor: Professor Monica Wendel

#### Kiara Shanai James

M.S. Health Administration Mentor: Associate Professor J'Aime Jennings

# **Heba ElSayed Mohamed Kandil**Ph.D. Computer Science and

Engineering Co-mentors: Professors Adel Elmaghraby and Ayman El-Baz

#### Surendra Bahadur Karki

Ph.D. Chemistry Mentor: Associate Professor Farshid Ramezanipour

#### Rebecca S. Katz

M.S.S.W. Social Work Mentor: Professor Anita Barbee

#### Sami Khenissi

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

#### **Erica Von Proctor Lewis**

M.F.A. Studio Art and Design Mentor: Professor Ying Kit Chan

#### Chelsea Brooke Miceli

M.S.S.W. Social Work
Mentor: Professor Barbara Gordon

#### **Hunter Allan Miller**

Ph.D. Pharmacology and Toxicology Mentor: Associate Professor Hermann Frieboes

#### Nancy Kim Ngo

M.P.H. Public Health Mentor: Associate Professor Liza Creel

#### Oluwatomisin Abisola Ogungbenle

M.A. Interdisciplinary Studies: Concentration in Healthcare Ethics Mentor: Associate Professor

Mentor: Associate Professor

Lauren Freeman

#### **Abigail Jeanette Overstreet**

M.S.S.W. Social Work Co-mentors: Professors Anita Barbee and Matthew Harris

#### McClain Leeds Owens

M.S.S.W. Social Work Co-mentors: Professors Anita Barbee and Lori Paris

#### Kristian Adolfo Salazar

M.S.S.W. Social Work Mentor: Associate Professor Leslev Harris

#### **Mohammad Shahinur Rahaman**

Ph.D. Chemical Engineering Mentor: Assistant Professor Noppadon Sathitsuksanoh

#### Zoe Ellers Schaver

M.S.S.W. Social Work Co-mentors: Associate Professor Laura Frey and Professor Matthew Harris

#### Katharina Marietta Scheurlen

Ph.D. Physiology and Biophysics Co-mentors: Professors Susan Galandiuk and Irving Joshua

#### **Aaron Niles Sexton**

Ph.D. Biology

Mentor: Professor Sarah Emery

#### Robert Eric Shoemaker

Ph.D. Humanities

Mentor: Professor Alan Golding

#### **Sultan Shubair**

Ph.D. Social Work Co-mentors: Professor Thomas Lawson and Assistant Professor Stephanie Grace Prost

#### Nina Sieafried

Ph.D. Educational Leadership and Organizational Development Mentor: Professor Mary Hums

#### **Robert Anthony Skolik**

Ph.D. Biology

Mentor: Professor Michael Menze

#### Jenna Kim Slotten

M.S. Sport Administration Mentor: Associate Professor Evan Frederick

#### Taris Leah Smith

M.S. Sport Administration Mentor: Associate Professor Evan Frederick

#### Vickie Stone

M.S.S.W. Social Work Mentor: Assistant Professor Shawnise Miller

#### Jeremiah Richard Sweet

M.S.S.W. Social Work

Mentor: Professor Sharon Moore

#### **Bethany Lee Vaughn**

Ph.D. Microbiology and Immunology Mentor: Professor Yousef Abu-Kwaik

#### **Aaron Gregory Whitt**

Ph.D. Pharmacology and Toxicology Mentor: Associate Professor Chi Li

#### Allison J. Williams

Ph.D. Experimental Psychology Mentor: Associate Professor Judith Danovitch

#### Susan Ellis Winebrenner

Ph.D. Nursing

Mentor: Professor Lynne Hall

#### Qian Xu

Ph.D. Biostatistics

Mentor: Professor Maiying Kong

### **Kyee Altranice Johnson Young**

Ph.D. Social Work

Mentor: Assistant Professor

Shawnise Miller

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Vice Provost for Graduate Affairs, Dean of the Graduate School

#### Paul DeMarco

Associate Dean of the Graduate School

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Beth Boehm, Graduate School

Emmanuel Collins, J.B. Speed School of Engineering

**Robert Fox,** University Libraries

Toni Ganzel, School of Medicine

Sonya Hardin, School of Nursing

Margaret Hill, School of Dentistry

David Jenkins, Kent School of Social Work and Family Science

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