27th annual EURêCA
Exhibition of Undergraduate Research and Creative Achievement
April 25, 2023
Caleb Hupp
Performing, "Rebonds B"
by Iannis Xenakis
College of Arts and Sciences
Visual and Performing Arts/Music

Presented by,

Dr. Andrew Skoog
Professor and Area Coordinator of Voice,
School of Music
School of Music

Third Place

Amara Pappas

Elle et moi by Amy Beach;
Everything Else from Next to Normal by Tom Kitt

Mentor: Andrew Skoog
Second Place

Emma Woodward

*Symphonie espagnole, Movement No. 1*

*by Édouard Lalo*

Mentor: Miroslav Hristov
First Place

Caleb Hupp

Rebonds B

by Iannis Xenakis

Mentor: Andrew Bliss
College of Arts and Sciences

Humanities

Presented by,

Dr. Stefanie Ohnesorg
Associate Professor and Chair of the German Program
Department of World Languages and Cultures
College of Arts and Sciences
Achievement Award

Delia McDevitt

Juror Bias and Epistemic Injustice in Sexual Assault
Trial Procedures

Mentor: Georgi Gardiner
Achievement Award

Tony J Caldwell

The Role of the Roman Emperor in a Provincial Society: Multiple Correspondence Analysis of Identities in the Latin Epigraphy of Africa Proconsularis

Mentor: Stephen Collins-Elliott
Achievement Award

Angelica Williams

Activism in the Archives: A Glimpse of Social Movements in the Department of Africana Studies

Mentor: DeLisa Hawkes
Achievement Award

Corinne Kamien

*International Sisters? Interactions between U.S. Female Missionaries and Mexican Women, from the 19th to 20th Centuries*

Mentors: Tore Olsson & Jacob Latham
Achievement Award

Brett Rogers

*From Maciunas to Branca: Fluxus Principles in the No Wave Movement*

Mentor: Rachel Golden
Achievement Award

Tate Mobley

The Powerful Mary: An Analysis of Late Medieval Miniatures in Speculum Humanae Salvationis

Mentor: Mary Dzon
College of Arts and Sciences
Humanities

Achievement Award

Makaela Webb

The Vesey Conspiracy of 1822: The Nonexistent Revolt that Changed History

Mentor: Beau Gaitors
Achievement Award

Nicole Deasy

*All You Knead is Love: The Lives of the Liddell Sisters and the Founding of the Love Kitchen*

Mentors: Brandon Winford & Jacob Latham
College of Arts and Sciences
Natural Sciences

Presented by,
Dr. Larry McKay
Associate Dean for Research and Facilities
College of Arts and Sciences
Achievement Award

Raegan van Wirt

Exploring Mu-Opioid Receptor Dynamics Using Single-Molecule Fluorescence

Mentor: Rajan Lamichhane
Achievement Award

Jessica Kearney

Elucidating patterns of defeat-induced social avoidance behavior and medial amygdala activity in female Syrian hamsters

Mentor: Matthew Cooper
College of Arts and Sciences
Natural Sciences

Achievement Award

Jessica Ollatt & Charlie Olson

Sleep-Disruptive Doses of Morphine and Fentanyl are Antinociceptive in C57BL/6J (B6) Mice

Mentor: Helen Baghdoyan
Achievement Award

Yaswanth Singamaneni & Benjamin Kilgore

Effects of Social Play on Neural Plasticity and Stress Susceptibility in Syrian Hamsters

Mentor: Matthew Cooper
Achievement Award

Tyler Myers

Mind-Altering Microbes: Impacts of Gut Bacteria on Animal Host Development and Behavior

Mentors: Heidi-Goodrich-Blair & Jennifer Heppert
College of Arts and Sciences
Natural Sciences

Achievement Award

Lucas McBee

Soliton Behavior Arising from a Novel Quartic Spin Interaction in Sr2IrO4

Mentor: Jian Liu
College of Arts and Sciences
Natural Sciences

Achievement Award

Kanan Wise

Dark Matter Search with Neutrons
Mentor: Yuri Kamyshkov
College of Arts and Sciences
Natural Sciences

Achievement Award

Marla Leone

Further Evidence for a Chemical Mirror in Socially Naïve Sibling Common Garter Snakes (Thamnophis sirtalis)

Mentor: Gordon Burghardt
Achievement Award

Sydney Baldwin

*Effects of Pollinator Feeding Behavior and Visit Duration on Seed Set in Asteraceae*

Mentor: Laura Russo
Achievement Award

Angela Jo & Benjamin Bridges

*Deep Learning algorithms aid in distinguishing characteristics of mouse fine motor movement during a pellet grasping assay*

Mentors: Keerthi Krishnan & Michael Mykins
College of Arts and Sciences
Natural Sciences

Achievement Award

Benjamin Kilgore

The Effects of Social Isolation on Cortical Plasticity and Stress-Induced Social Anxiety

Mentor: Matthew Cooper
Ghaeath Abbas & Elijah Greene

The Effects on Expression Levels of Heterologous Gene BpsA in Streptomyces Albus Based on Genomic Loci and Rare Codon Usage

Mentor: Constance Bailey
College of Arts and Sciences
Natural Sciences

Achievement Award

Zan Killeffer

Consequences of autotetraploidy on sexual allocation in Galax urceolata

Mentor: Joseph Williams
Achievement Award

Taylor Smith

Investigation into the identity and function of an uncharacterized brown pigment produced by the marine bacterium Ruegeria pomeroyi DSS-3

Mentor: Alison Buchan
Achievement Award

Alex Dowd

Are fungal endophytes of fire adapted plants also fire adapted?

Mentor: Karen Hughes
Achievement Award

Sanaz Hossain

Exploring the Effect of Glucose Starvation on CTCF Genomic Binding Following DNA Damage Exposure

Mentor: Rachel Patton McCord
Achievement Award

Ohm Sharma

Anxiety-like Behavior in C57BL/6J Mice is Sexually Dimorphic and Altered by Buprenorphine

Mentor: Ralph Lydic
Achievement Award

Shabré Eskridge

Overexpression of mitochondrial glutamate transporter rescues the lipid droplet mutant

Mentor: Amit Joshi
Achievement Award

Luke Carpenter

Searching for new Physics in Muon Colliders: What Could We Find?

Mentor: Tova Holmes
Achievement Award

Alexandra McBryar & Joseph Martin

Effects of Perineuronal Net Manipulation in Female Mouse Model For Rett Syndrome

Mentor: Keerthi Krishnan
Achievement Award

Gage Coon

Methane Production and Accumulation in Sulfate-rich Marine Sediments at Cape Lookout Bight

Mentor: Karen Lloyd
College of Arts and Sciences
Natural Sciences

Achievement Award

Moneera Khan & Abby Solano

The Effects of Pubertal Timing on Perineuronal Net Development in the Hippocampus in c/57 Mice

Mentor: Kalynn Schulz
Achievement Award

Yash Deo

Status-Dependent Differences in Neural Ensemble Activity is Associated with Stress Vulnerability

Mentor: Matthew Cooper
College of Arts and Sciences
Natural Sciences

Achievement Award

Ashley Wells

Aggressive Interactions Alter Perineuronal Net Expression in the Ventral Prefrontal Cortex and Basolateral Amygdala

Mentor: Matthew Cooper
Achievement Award

Alex Gillespie

Determining Whether Androgen Receptor Knockdown in the Medial Amygdala Leads to Stress-Induced Changes in Social Behaviors in Syrian Hamsters

Mentor: Matthew Cooper
Achievement Award

Vincent Terta

*Functional Analysis of Programmed DNA Elimination*

Mentor: Jianbin Wang
College of Arts and Sciences
Natural Sciences

Achievement Award

Lillian Para

Singing in the heat: how male zebra finch songs vary with air temperature

Mentors: Elizabeth Derryberry & Melissa Proffitt
Achievement Award

Renata Dos Reis Marques

*Elucidating the Effect of Cytoskeletal Disruption on Nuclear Morphology and Chromosome Structure of Migratory A375 Melanoma Cells*

Mentor: Rachel Patton McCord
Achievement Award

Christiane Alvarez

Developing and testing a novel in-vitro microfluidic device to analyze temporal, spatial, and molecular responses of mouse brain tissues

Mentor: Rebecca Prosser
Achievement Award

Eleanor Mancini

A *Campylobacter jejuni* nuclease contributes to host colonization and inflammasome activation

Mentor: Jeremiah Johnson
College of Arts and Sciences
Social Sciences

Presented by,
Dr. Larry McKay
Associate Dean for Research and Facilities
College of Arts and Sciences
Achievement Award

Sarah Lerner

Changing the Channel: The Impact of Television on Children's Racial Biases in Emotion Perception

Mentor: Sarah Lamer
Achievement Award

Gabrielle Petrella

Stoic Savages?: The Oversimplification of Native Emotions in Media

Mentor: Sarah Lamer
College of Arts and Sciences
Social Sciences

Achievement Award

Carson Oleary

Insecure Attachment Predicts Poor Sexual Communication Among Emerging Adults

Mentor: Deborah Welsh
Achievement Award

Zoe Ward

The Development of Health System Resiliency: How Kenya's Experience with Malaria Impacted Its Reaction to the COVID-19 Pandemic

Mentor: Katie Cahill
Achievement Award

Chloe Solomon

Shape Bias & The Developing 3-Year-Old

Mentor: Aaron Buss
Achievement Award

Hayley Simpson

Green is for Girls: Interactions Between Masculine Identity and Environmental Behavior

Mentor: Sarah Lamer
Achievement Award

Madlen Conley

Exploring the Dendrochronological Potential of Eastern Red Cedar Trees to Inform Conservation Efforts at the McGhee-Carson Site, Vonore, Tennessee

Mentor: Matthew Kerr
Achievement Award

Olivia Wilkerson

*Building a Sustainable Future: The Necessary Variations of Plastic Regulations*

Mentor: Alex Moulton
College of Arts and Sciences
Social Sciences

Achievement Award

Raneem Ammar

UTK American Medical Student Association (AMSA)
Premedical Research Project to Evaluate Access to Resource Barriers

Mentor: Karmen Stephenson
Achievement Award

Ryan Beatty

Conspiratorial thinking and conspiracy theories in the time of COVID-19

Mentor: Jana Morgan
College of Arts and Sciences
Social Sciences

Achievement Award

Inshira Bediako

Raising Black Knoxville: Displacement, Disinvestment, and Reproductive Justice in Knoxville's Black Community

Mentor: Shaneda Destine
Achievement Award

Annie Liu

From Public Housing to Vouchers: the Impacts of Redevelopment and Forced Displacement on Low-Income Public Housing Residents

Mentor: Solange Munoz
Achievement Award

Madison Huffstutter

TikTok Use and Addiction are Related to Impaired Mental Health Outcomes

Mentor: Hollie Pellosmaa
Achievement Award

Dhanush Mallavarapu & Caroline Wright

Examining the relationship between inhibitory control and dimensional attention

Mentor: Aaron Buss
Achievement Award

Kristopher Hensley

The effects of saccades on visual working memory representations

Mentor: Caglar Tas
College of Arts and Sciences
Social Sciences

Achievement Award

Julia Craven

Climate Conversations: An Intergenerational Artistic Exploration with Family

Mentor: Alex Moulton
Achievement Award

Jack Orebaugh

Observations of Blow Fly Diversity in Cases of Advanced Burnings

Mentor: Charity Owings
Achievement Award

Aidan Homan

Centrality and Compliance: Unitary vs. Federalist Political Systems in the Implementation of the Kyoto Protocol in Argentina and Uruguay

Mentor: Paul Gellert
College of Education, Health, and Human Sciences

Presented By,

Dr. Hollie Raynor

Associate Dean of Research Sciences and Professor in the Department of Nutrition, College of Education, Health, and Human Sciences
College of Education, Health, and Human Sciences

Third Place

Naba Alfatlawy & Rawon Alfatlawi

Methods to optimize and reduce the costs of brown adipocyte differentiation from Murine primary brown preadipocytes

Mentors: Ahmed Bettaieb & Presley Dowker-Key
Second Place

Laila Martin

The Role of AICAR Transformylase (ATIC) in Adipocyte Differentiation

Mentors: Ahmed Bettaieb, Presley Dowker-Key, & Brynn Voy
First Place

Callie Tucker

Investigation of blood lactate's association with metabolic dysfunction in pregnancy

Mentor: Jill Maples
Second Place
Sarah Fisher
Analyzing influencers advocating disability issues
Mentor: Moonhee Cho
First Place

Peyton Mills

*Breaking the Silence: Peer-to-Peer Communication About Menstruation in College*

Mentor: Michelle Violanti
College of Nursing

Presented By,

Dr. Kathleen Thompson
Clinical Professor and Honors Program Coordinator
College of Nursing
Research Category Award

Maria Thompson

Caregiver Burden and Stress Among Millennial and Generation Z Caregivers of Persons with Dementia

Mentors: Kathleen Thompson & Joel Anderson
College of Nursing

Research Category Award

Skylar Sopko

Correctional Nurses’ Perceptions of Substance Use Withdrawal Treatment for Pregnant Women in Jail in the South-Central Appalachia Region

Mentors: Kathleen Thompson, Sadie Hutson, Carrie Lingerfelt
Identify the role of gut microbiome in adolescent mental health problems based on socioeconomic inequalities

Mentor: Ji Youn Yoo
College of Nursing

Research Category Award

Flatt Claire

The Effects of Clonidine on Outcomes in Patients with Neonatal Abstinence Syndrome

Mentors: Jennifer Tourville & Kathleen Thompson
College of Nursing

Evidence-based Practice Projects

Claire Connelly, Julie Headrick, Margaret Priest, & Eva Randolf

The Effect of Acupuncture on Chronic Pin Reduction in Adult Patients with Cancer: A Literature Review

Mentor: Cristina Barroso
College of Nursing

Evidence-based Practice Projects

Jenna Briggs, Bailey Grove, Hannah Busch, & Luke Schoenbrunn

Music Therapy Effect on Anxiety and Stress in Breast Cancer Patients Undergoing Chemotherapy

Mentor: Kathleen Thompson
Evidence-based Practice Projects

Mary Jarecke, Celia Stem, Maia Stewart, & Lauren Stuart

Screening Protocols for Prostate Cancer for African-American Men

Mentor: Kathleen Thompson
Evidence-based Practice Projects

Lindsey Ierubino, Emily Hudson, Isabelle Lama, & Kinga Major

*The Effects of Aromatherapy on Decreasing Labor Pain in Pregnant Women*

Mentors: Knar Sagherian & Heeyeon Son
Evidence-based Practice Projects

Ashley Bunch, Megan Clancy, London Fleming, & Madison Hider

Adult Patients with Cancer-related Pain and the Effectiveness of Mind-Body Techniques

Mentors: Cristina Barroso & Noel Arring
College of Nursing

Quality Improvement Projects

Victoria Dina

Evaluating the Effects of Health-Based Education on the Home Insecure Population at Knoxville Area Rescue Ministries

Mentor: April Bryant
Quality Improvement Projects

Jaiden Kraft & Abigail Taylor

Effectiveness of Disinfectant Catheter Caps In Preventing Central-Line Associated Bloodstream Infections

Mentor: April Bryant
College of Nursing

Quality Improvement Projects

Kate Roberson

Orthopedic Patients Receiving Return Demonstration for their Wound Care Stay Home After Discharge

Mentor: Sandra Mixer
Quality Improvement Projects

Lucy Lightholder

Improving Patient Satisfaction One Whiteboard at a Time

Mentor: Sandra Mixer
College of Nursing

Quality Improvement Projects

Elizabeth Ellis

Depression Screening Frequency in Low Income Primary Care Adult Patients

Mentor: Laurie Acred-Natelson
Quality Improvement Projects

Casey Langsjeon & Savana Eaton

Depression Screening Among Knoxville's Elders

Mentor: Christina Brown
College of Nursing

Quality Improvement Projects

Anber Akmanligil, Jamison Gould, & Anna Hsieh

Evaluating COVID-19 Vaccination Education For African Americans in Knox County to Close the Compliance Gap Among Residents

Mentor: Cindi Adams
College of Nursing

Quality Improvement Projects

Nealy Anderson, Eva Karnowski, Rachel Schutte, & Chloe Siscoe

Evidence-Based Wound Care Education and Prevention in People Who Use Intravenous Substances

Mentor: Cameron Carr
College of Nursing

Quality Improvement Projects

Kieran Elliot

Use of Non-Pharmacologic Interventions to Improve ICU-Related Delirium Rates in Patients Who are Cared for in an Intensive Care Unit

Mentor: Sarah Neller & Melissa Hessock
The Positive Effects of Implementing a Resiliency Toolkit to Combat Nursing Burnout: A Literature Review

Mentor: Sandy Mixer
College of Nursing

Quality Improvement Projects

Amelia Cassidy, Kaitlyn Biggs, Caroline Current, Grace Gavigan, & Sara Leese

Evaluating the Positive Effects of Streamlining the Structure of the Dream Connection Volunteer Community through Implementation of Google Classroom

Mentor: Olivia Freels
College of Nursing

Quality Improvement Projects

Hannah Goralnick

The Effect of the Implementation of Doula-Supported Care on the Rate of Unplanned Cesarean Sections and Patient Satisfaction

Mentor: Sarah Neller
College of Social Work
Presented by,
Dr. Bill Nugent
Professor
College of Social Work
College of Social Work

Award of Merit

Patrick Angelaccio

Has the COVID-19 pandemic affected future college plans for students in Knox County?

Mentor: William Nugent
College of Social Work

Award of Merit

Claire Brown

Determining if There is a Relationship Between Parent Disclosure of Trauma/Abuse and Likelihood of Child Discharging from Therapy Against Medical Advice

Mentor: William Nugent
Third Place

Wendy Whaley

The Study of the Relationship Between Physical and Sexual Dating Violence and Suicidal Thinking, Planning, and Attempts

Mentor: William Nugent
Second Place

Natalia Lewis

A Study of the Relationship Between Violent Political Rhetoric (VPR) and Police Shootings Against Persons of Color (POC)

Mentor: William Nugent
First Place

Alice Grosserode

Comparison of Assistance Requests Pre-Covid (2019) and Post-Covid (2022) at Knox County Community Call Center

Mentor: William Nugent
Haslam College of Business

Second Place

Max Thompson

Applied Machine Learning: Predicting Future Order Cost from Historical Data

Mentor: Sean Willems
First Place

Keegan Moore

Exploring the Relationship Between Unemployment Funding and the Unemployment Rate by Analyzing Unemployment Data Collected During the COVID-19 Pandemic

Mentor: Benjamin Compton
Herbert College of Agriculture

Presented by,

Dr. John Stier

Associate Dean for Academic Programs and Professor of Plant Sciences, Herbert College of Agriculture
Herbert College of Agriculture

Excellence in Undergraduate Research

William Smith


Mentor: Kellie Walters
Herbert College of Agriculture

Excellence in Undergraduate Research

Laura Whaley, Hannah Sutt, Emerson Sapienza, & Jakob Johnson

Reducing Off-target Pesticide Spray and Harm to Beneficial Insects with Variable-rate, Intelligent Spray Technology

Mentor: Amy Fulcher
Herbert College of Agriculture

Excellence in Undergraduate Research

Adnan Shihaibar

Simulated Transport of Nano-plastics through Topsoil in Different Rain Conditions

Mentor: Douglas Hayes
Tickle College of Engineering

Presented by,

Dr. Kevin Kit

Director of the Cook Grand Challenge Honors Program
Associate Professor of Materials Science and Engineering
Tickle College of Engineering
Award of Merit

Jonathan Smith

Investigation of the Tensile Strength of Threaded Fasteners

Mentor: Mark Denavit
Tickle College of Engineering

Award of Merit

Garrett Holbert

Computational Modeling of a Multi-Site Phosphorylation Network in Cell Compartments

Mentor: Steven M. Abel
Tickle College of Engineering

Award of Merit

Marlena Alexander

Investigation of high entropy precursor powder synthesis for transparent ceramic synthesis

Mentor: Mariya Zhuravleva
Tickle College of Engineering

Award of Merit

Heidi Seuss

The Design and Testing of a Jointed Foot-Ankle
Mentor: Dustin Crouch
Tickle College of Engineering

Award of Merit

Jordis Blackburn

Investigation Into Stent Retriever Removal Speed Affecting Removal Forces in an Experimental Model Of Acute Ischemic Stroke

Mentor: Bryan Good
Tickle College of Engineering

Award of Merit

Reese Sorgenfrei

*Effects of Super Absorbent Polymers on the Properties of 3D Printed Concrete*

Mentor: Hongyu Zhou
Tickle College of Engineering

Award of Merit

Thomas Paterson & Ryan Thompson

Brain Spatial Multi-Omic Imaging & Analysis Protocol: Alzheimer's Disease Proof-of-Concept

Mentor: Colleen Crouch
Tickle College of Engineering

Award of Merit

Jack Krimmel, Seth Shuchat, & Harriet Williamson

Optimal Design Refresh Planning and its Applications in Digital Product Twins

Mentor: Hugh Medal
Tickle College of Engineering

Award of Merit

Bryson Gullett

Neuromorphic Computing Starter Kit

Mentor: James S. Plank
Tickle College of Engineering

Third Place, Research

Mariana Milano-Benitez

Supercapacitor Electrodes Based on Reduced Graphene Oxide Composited with Manganese Metal Oxide

Mentor: Bamin Khomami
Tickle College of Engineering

Second Place, Research

Nicole Liu

*Optimized Bifunctional OER and ORR with a Spinel Catalyst*

Mentor: Katharine Page
First Place, Research

Maria Hernandez Rivero

Low-Power Dynamic Circuit Design With Steep-Switching Hybrid Phase Transition FETs (Hyper-FETs)

Mentor: Ahmedullah Aziz
Tickle College of Engineering

Second Place, Design

Darlene Player, Cameron McReynolds, Bailey Millsaps, & Robert Cowan

PIPER - Pot-In-Pot Extracting Robot

Mentor: Hao Gan & Amy Fulcher
Tickle College of Engineering

First Place, Design
Melanie Moczadlo, Christopher Webb, Alexander Bowman, Conner Cornachione, & Alicia Zahnen

Replacing Current Plastic Car Parts with a PET and Paper Composite

Mentor: David Harper
College of Architecture & Design

Presented by,

Dr. Milagros Zingoni Phielipp
Associate Professor and Director of the School of Interior Architecture
College of Architecture & Design
College of Architecture and Design
School of Architecture

Honorable Mention

Katie Pennington

ESPERANTO FICTIO: metaphysical declarations of the [un]archival

Mentor: Brian Ambroziak
College of Architecture and Design
School of Architecture

Third Place

Thomas Theisen

Remediation Through Building Systems
Mentor: Katherine Ambroziak
Second Place

Nicholas Williams

REIMAGINE: Concrete and Reuse
Mentor: Katherine Ambroziak
First Place

Alexandria Anderson

Inside the Glass: Defining the Rapturous South through the Lens of a Mason Jar

Mentor: Brian Ambroziak
College of Architecture and Design
School of Interior Architecture

Honorable Mention

Greta Mehlberg

The Value of Empathy in Design Disciplines

Mentor: Milagros Zingoni Phielipp
College of Architecture and Design
School of Interior Architecture

Honorable Mention

Katie Gilstorf

Catholic Interiority: A Comparative Analysis of Church Design Before and After the Second Vatican Council

Mentor: Marie Saldana
Third Place

Mariam Siahatgar

Yayladagi, Hatay's Container City

Mentor: Hojung Kim
Second Place

Kaleigh Powers

*Rocky Top Reef Fully Immersive Dive Training Facility*

Mentors: Timothy Dolan & Greg Blankenship
College of Architecture and Design
School of Interior Architecture

First Place

Deaney O'Brien

Encouraging Growth in a Coastal Community through Ecotourism: Smith Island, Maryland

Mentor: Ashley Coon
College of Architecture and Design
School of Design

Honorable Mention

Avery Jones

The Echo Effect: Impactful Stories Unveiling the Stories of At-Risk Youth

Mentor: Cary Staples
College of Architecture and Design
School of Design

Honorable Mention

Kennedy Davis

Women in the Automotive Industry
Mentor: Cary Staples
College of Architecture and Design
School of Design

Honorable Mention

Tanner Dunning

Mercato: Improving Second Hand shopping through online accessibility

Mentor: Cary Staples
Third Place

Che Davis

The Black Experience: African American Studies in the U.S. School System

Mentor: Cary Staples
Second Place

Victoria Wheelock

PowerHouse:
Residential Energy Use in the Tennessee Valley
Mentor: Cary Staples
First Place

Ella Hosse, Luke Macdougall, &
Matthew Rightsell

Designing and Building a Friendly Robot To Ease Dementia

Mentors: Kimberly Mitchell & Xiaopeng Zhao
Graduate Student Research Mentor Awards

Presented By,

Dr. Erin Darby

Inaugural Faculty Director for Undergraduate Research & Fellowships
Associate Professor
Department of Religious Studies
Herbert College of Agriculture

Graduate Student Research Mentor Award

Spencer Givens
Graduate Research Assistant
Masters Student
Department of Plant Sciences
Herbert College of Agriculture
Graduate Student Research Mentor Award

Presley Dowker

Graduate Research Assistant
Ph.D. Candidate
Department of Nutrition
College of Education, Health, and Human Sciences
Tickle College of Engineering

Graduate Student Research Mentor Award

Mahshid Mokhtarnejad

Research Assistant, Material Research and Innovation Laboratory (MRAIL)

Ph.D. Candidate

Department of Chemical & Biomolecular Engineering

Tickle College of Engineering
College of Arts and Sciences
Natural Science

Graduate Student Research Mentor Award

Tien (Miah) Sword
Ph.D. Candidate
Department of Chemistry
College of Arts & Sciences
Graduate Student Research Mentor Award

Maya Barrett

Graduate Research Assistant
Transitions Across the Lifespan Lab (TALL)
Ph. D. Candidate
Department of Psychology
College of Arts & Sciences
Faculty Mentor Awards

Presented By,

Dr. Erin Darby

Inaugural Faculty Director for Undergraduate Research & Fellowships
Associate Professor
Department of Religious Studies
Haslam College of Business

Faculty Research Mentor Award

Dr. Phillip Daves
Associate Professor
Department of Finance
Haslam College of Business
Herbert College of Agriculture

Faculty Research Mentor Award

Dr. Kellie Walters
Assistant Professor
Department of Plant Sciences
Herbert College of Agriculture
Faculty Research Mentor Award

Dr. Rachel White

Assistant Professor
Department of Educational Leadership & Policy Studies
College of Education, Health, and Human Science
Tickle College of Engineering

Faculty Research Mentor Award

Dr. Nick Wierschem
Associate Professor
Department of Civil and Environmental Engineering
Tickle College of Engineering
College of Arts and Sciences, Natural Science

Faculty Research Mentor Award

Dr. Constance Bailey
Assistant Professor
Department of Chemistry
College of Arts & Sciences
College of Nursing

Faculty Research Mentor Award

Dr. Patricia Roberson

Assistant Professor
College of Nursing
College of Arts and Sciences, Social Sciences

Faculty Research Mentor Award

Dr. Sarah Lamer

Assistant Professor
Department of Psychology
College of Arts & Sciences
27th annual EURéCA
Exhibition of Undergraduate Research and Creative Achievement
April 25, 2023