March 27, 2019
Presented by the Office for Undergraduate Research

More than a research conference

More about us:

- We offer the Emerging Scholars Program, an exciting opportunity for students at the University of Alabama that helps them get involved in research with a faculty mentor in their chosen field. Applications are due April 30th, and can be found at undergraduateresearch.ua.edu.

- The Undergraduate Research Resource Center is available for assistance in all your research needs. We provide in-person assistance regarding the Emerging Scholars Program, research questions, and a staff of undergraduate volunteers available to answer questions about the Office of Undergraduate Research, ESP, and different disciplines of research. We’re located in Mary Burke West 124.

- We regularly host meet-and-greets and info sessions with our student Ambassadors. For updates on these events or to apply to become an Ambassador, please visit undergraduateresearch.ua.edu.
### ORDER OF EVENTS

<table>
<thead>
<tr>
<th>Poster Session</th>
<th>Topic</th>
<th>Time</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poster Session 1</td>
<td>Health Sciences</td>
<td>9 AM - 10:30 AM</td>
<td>3-8</td>
</tr>
<tr>
<td>Poster Session 2</td>
<td>Life/Physical Sciences, Engineering, Transportation &amp; Energy</td>
<td>11 AM - 12:30 PM</td>
<td>9-15</td>
</tr>
<tr>
<td>Poster Session 3</td>
<td>Social Sciences</td>
<td>1 PM - 2:30 PM</td>
<td>16-20</td>
</tr>
<tr>
<td>Poster Session 4</td>
<td>Arts &amp; Humanities, Business, Computer Science, MIS &amp; Cyber, Fine Arts, Education</td>
<td>3 PM - 4:30 PM</td>
<td>21-26</td>
</tr>
</tbody>
</table>
Bolade Ajoloko
The Eaton Clinic
Mentor: Lori Turner

Emma Bazarek
Trends in Opioid Use Among Alabama Medicaid Enrollees
Mentor: Dwight Lewis

Samantha Beard
The Capitol School Personal Health Class
Mentor: Lori Turner

Jessica Bentley, Claire Lewis
Sex-related Differences in Anthropometric Measures in Young Adults
Mentor: Michael Fedewa

Kate Bergey
RISE Center
Mentor: Lori Turner

Zoe Berndt, Peyton Badura
Reducing Obesity and Food Insecurity with Low-Income Families in the United States: A Community-Based Participatory Action Research Proposal
Mentor: Darren Surman

Erin Blaney
Make-A-Wish Alabama Volunteer Services Internship
Mentor: Lori Turner

Abigail Boucher
A Novel Meta-Analytic Approach to Developing an Accurate Body Composition Prediction Equation Based on the Body Density
Mentor: Michael Fedewa

Thomas Bugg, Shaoey Chapman, Aaron Frederick
Marion on the Move
Mentor: David Bolus

Carnell Burden
Al's Pals
Mentor: Lori Turner

Sarah Burnash
Sex Differences in Cardiovascular Drift and Maximal Oxygen Uptake During Heat Stress
Mentor: Dr. Jonathan Wingo

Madelyn Campbell, Josie Niedermeier
Developing and Testing the Acceptability of a Novel Behavioral Intervention for Individuals with Opioid Use Disorders
Mentor: Mercy Mumba

Parker Carmichael, Aimee Travis
How does using blood-flow restriction in rehab influence time-to-progression points in ACL rehab in college football players?
Mentor: Elizabeth Hibberd

Laura Carrasquilla
Influence of parents on sport specialization and injury rates in adolescent baseball players
Mentor: Elizabeth Hibberd

Nicole Conde
Mindfulness-Based Relapse Prevention for Opioid Use Disorders
Mentor: Mercy Mumba

Andrew Cooper
Nanoencapsulation of Curcumin and β-carotene in Amylose Inclusion Complex
Mentor: Libo Tan

Rachael Addison Crowder
Variables Impacting the Quality of Life of Dementia Caregivers: A Secondary Analysis
Mentor: Megan Lippe
Richard “Trip” Crowley, Taryn Wallace, Gurusai “Su” Peramsett
Rural Health Care Provider’s Perspective: Implications for use of a Health Literacy Tool in Primary Care
*Mentor: JoAnn Oliver

Juliette Daniel, Shanquita Ruffin
The Mental Health Assessment of The University of Alabama College Students
*Mentor: Lori Turner

Darby Davenport
Distributed Darbs: The Intersections of Blockchain Technology and Healthcare
*Mentor: Ashley Ewing

Rebecca de la O
Impact of the UA Culinary Medicine Program on Interprofessional Practice
*Mentor: Linda Knol

Ricardo DeLeon
Developing a novel equation to estimate body composition: a systematic review and meta-analysis
*Mentor: Michael Fedewa

Elizabeth Di Valerio
Modeling the Journey of Transgender and Gender Creative (TGC) Patients through Healthcare System Contact Points and Experiences of Stigma
*Mentor: Joshua Eyer

Elisabeth Dunbar
Four-Compartment Models of Body Composition Analysis: A Meta-Analytic Approach to Developing Race and Sex-Specific Methods
*Mentor: Michael Fedewa

Brandon Edney
The impact of Lonafarnib on the behavior of glioblastoma stem cells
*Mentor: Shreyas Rao

Samantha Engel
West Alabama Food Bank Secret Meals Nutritional Program
*Mentor: Lori Turner

Madeline Erwin
Maternal Vitamin A Supplementation Modulates Adipose Tissue Development in Offspring of Rats Consuming a High-Fat Diet
*Mentor: Libo Tan

Sara Ferguson
Assessing Risk Factors for Cardiovascular Disease and Type 2 Diabetes in Low-Income, Minority Preschool Children
*Mentor: Michele Montgomery

Amanda Ferrito
Physiological Correlates of Energy and Fatigue: An Addison’s Disease Case Study
*Mentor: Michael Fedewa

Analiese Gerald, Sarah Abston
Taste is the most powerful determinant for predicting consumers’ intention to consume antioxidant-infused chewing gum
*Mentor: Seung Eun Jung

Brianna Goldfon
First Baptist Child Development Center Flu Prevention Intervention
*Mentor: Lori Turner

Tomasz Gruchala
Mental Health Consequences of Digital Media Addiction
*Mentor: Alan Blum

Aly Gutierrez
Inhibitory Effect of Tea on the in vitro Enzymatic Digestion of Starch
*Mentor: Lingyan Kong
Kaitlyn Haverty
Neuro-protective effect of Ayurveda preparation, Saraswatharishtam, on Spectracide induced neurological disorder in fly model
*Mentor:* Anathbandhu Chaudhuri

Katherine Hendry
Measured Emotional Intelligence in RN to BSN Students
*Mentor:* Haley Strickland

Grace Hitchcock
The Importance of Breastfeeding on Physical, Cognitive, and Adaptive Behavior Development in Infancy
*Mentor:* María Hernandez-Reif

Erika Hochhaus, Nicole Conde
The Moderating effect of Alcohol Use on Physical and Mental Well-being of Older Adults
*Mentor:* Mercy Mumba

Amelia Horine
Project Health Greek Peer Educators
*Mentor:* Lori Turner

Camille Howarth, Shelby Castellanos
Perceived vs. Actual Alcohol Use At The University Of Alabama
*Mentor:* Jen Nickelson

Halee Hudson, Lauren Wallace
Enriching Happiness, Hope, and Quality of Life
*Mentor:* David Bolus

Garrison Hughes
Post-Revolution Health Care in Cuba
*Mentor:* Jacqueline Morgan

Victoria Ice
Community Impact of Hospice of Western Alabama
*Mentor:* Lori Turner

Samantha Johns, Mykaela Watt, Madison Desch
Parental Involvement in Adolescent Health Literacy
*Mentor:* Nathan Culmer

Elizabeth Kantzler
The Opioid Epidemic: Examining the Long-term Effectiveness of Opioids as Pain Relievers
*Mentor:* Jason Parton

Jack Kappelman, David Zell, Will Schramm, Luke Porter
A Study of Youth Suicide By Firearm Rates
*Mentor:* Richard Fording

Katelyn Kcomt, Megan Cobb
Burnout and Empowerment among Medical Faculty, Staff, and Residents in an Academic Medical Center
*Mentor:* Nathan Culmer

Kevin Keller
The University of Alabama Project Health Organization
*Mentor:* Lori Turner

Kaylyn Kirksey
The Effects of Hazardous Chemicals on Occupational Asthma in Nail Salons
*Mentor:* Kim Bissell

Brandon Lucas
Enhancing Brain Segmentation Quality: Application in Aging and Alzheimer’s Disease Risk
*Mentor:* Ian McDonough

Molly Lukas, Gracie Avery
Examining the Effects of Virtual Reality on Minimizing Pain in Children Receiving an Injection
*Mentor:* Sherwood Burns-Nader

Megan Malloy
Examination of Food Disparities at The University of Alabama
*Mentor:* Lori Turner
Erica Martin
The Effects of High Volume Barbell Squatting on Quadricep and Hamstring Strength
*Mentor:* Michael Esco

Jordan May, Julianne Rockett, Joy Bobo
Understanding Common Barriers and Facilitators of Whole Grain Consumption Among the Older Adult Population: A Literature Review
*Mentor:* Seung Eun Jung

Mia McKee
A Review of the Literature on Occupational Health, Safety, and Performance of Tactical and Industrial Athletes
*Mentor:* Hayley MacDonald

Hillary Melton
Telomere Length, American Heart Association’s Life’s Simple 7, and Psychosociocultural Factors Among African American Women
*Mentor:* Theresa Wadas

Hannah Meyer, Katherine Grimm
Evaluation of the Triple Aim of Medicine in Ambulance-Based Telemedicine: a Systematic Literature Review
*Mentor:* Nathan Culmer

Sydney Miles
Adipose Tissue Development of Neonatal and Weanling Rats in Response to Maternal High Fat Diet Supplemented with Lycopene
*Mentor:* Libo Tan

Dalton Morris, Jordan Pyatt, Isabella Gladden, Ashton Blasingim
Customizable and Low-Cost 3D Printed Prosthetics for Pediatric Patients
*Mentor:* Shane Sharpe

Kathleen O’Neal
Relationship Between Measures of Oral Feeding Skill and Oral Sensory Processing for Children Suspected for Pediatric Feeding Disorders
*Mentor:* Memorie Gosa

Alex Parks, Elisabeth Pettibone
Functional Sugar-Free Gums Infused with Spices Improve the Antioxidant Capacity of Saliva
*Mentor:* Kristi Crowe-White

Sydney Perreault
Cultural Differences in USA and Kenya Children’s Anxieties as Depicted by Drawings
*Mentor:* Sherwood Burns-Nader

Jordan Leigh Pfeflle, Tristen Turk
How do we raise awareness of local food throughout campus?
*Mentor:* Seung Eun Jung

Luke Rakers
Computer Simulation of Cryoprotectants' Behavior in Cellular Membranes
*Mentor:* Heath Turner

Riley Raynor
Cancer Screening Disparities in Rural Alabama
*Mentor:* Dr. Hee Yun Lee

Riley Raynor
Factors associated with HPV Literacy among adults in Minnesota
*Mentor:* Dr. Hee Yun Lee

MacKenzie Robb, Abby Jurczyk
Physical Activity Predicts Depression in Older Adults
*Mentor:* Mercy Mumba

Brooke Rodenberry
Health Education and Promotion Program: Verner Elementary School Extended Day Program
*Mentor:* Lori Turner
JaPria Rodgers
Turning Point: Domestic Violence and Sexual Assault Services
Mentor: Lori Turner

Sarah Rogers
Tuscaloosa’s One Place (TOP) and the Importance of Comprehensive Reentry Services for Juvenile Offenders
Mentor: Lori Turner

Erika Schemmel
Neuroplasticity in Individuals with Stroke-Induced Motor Cortex Lesions
Mentor: Fran Conners

Melissa Sharpe
Examining Opioid Use and Socioeconomic Disparity Among College Students
Mentor: Michael Fedewa

Grace Shirah, Hannah Stevens
Relationship Between Pediatric Oral Feeding Skill and Reported Behavior During Mealtimes
Mentor: Memorie Gosa

Josiah Sowell
Drug Discovery from Natural Products and Traditional Remedies in Cuba
Mentor: Lukasz Ciesla

Jeffery Stacy Jr.
Al’s Pals UA Mentorship Program
Mentor: Lori Turner

Alexandra Stanley, Allison Ricamato
Evaluating Care Team Communication During an Educational End Of Life Simulation
Mentor: Megan Lippe

Savannah Stewart
Food Distribution in Tuscaloosa County
Mentor: Darren Surman

Addison Stewart
The difference in primary care emphasis and its result on the total health of the population in the United States and Cuba
Mentor: James Leeper

Hayley Strong, Gabriella Schloss
Barriers and Facilitators of Local Food Consumption in College Aged Students
Mentor: Seung Eun Jung

Josie Surges
Healthcare IT and Medical Sales Research
Mentor: Lori Turner

Michelle Tan
Disproportionate Dental Care Access for Preadolescent Children Under Foster Care in Rural Communities
Mentor: Darren Surman

Mary Tate Thomas
Mental Healthcare: A Global Perspective
Mentor: Lauren Kois

Kaitlyn Towers
What exercises can help prevent overuse shoulder and elbow injuries in baseball pitchers?
Mentor: Lizzie Hibberd

Gracie Trulove, Bailee Gist
Differences in Temporal Measures of Infant Swallow Function
Mentor: Memorie Gosa

Brianna Velez
Cannabis, Sleep, and Traumatic Brain Injury: A Scoping Review
Mentor: Rachael Mumbower

James Weiss
The Cuban Healthcare System: What Can Be Learned from Its Unique Efficiencies and Limitations?
Mentor: William Rabel
Session 1 – 9 AM-10:30 AM
Health Sciences

Imani Williams
Release Through Writing
*Mentor: Lori Turner*

Hannah Woodard, Gina Briley
Comparing the Overall Satisfaction of Two West Alabama Lupus Support Groups
*Mentor: Pamela Payne-Foster*

Mary Caroline Yuk
The Effects of Type 2 Diabetes on High Frequency Hearing Loss
*Mentor: Marcia Hay-McCutcheon*

WHAT POWERS UA

Alabama Power is proud to invest in the University of Alabama community through What Powers UA. Community involvement and a commitment to innovation are What Power UA, and make Alabama a great place to live and work. Follow @WhatPowersUA on Twitter, Instagram and Facebook to learn how you can get involved.
Hope Burnham
A Phase-Changing Borane Containing Fuel
Mentor: Shane Street

Elizabeth Bury
Mechanical Properties of Dispersions of Galinstan in Polymer Matrices
Mentor: Amanda Koh

Tanner Carr
Alabama Link-Node Project: Transferring Legacy Crash Data to an Enterprise GIS-Based Roadway Data Management System
Mentor: Andrew Graettinger

Jalen Cates
Ab initio calculations of the structural, electronic, and magnetic properties of the Inverse Heusler Cr₂FeSi
Mentor: Adam Hauser

Seth Chun
Electrical Characterization of Liquid Metal-Polymer Composites in Thermoset and Thermoplastic Polymers
Mentor: Amanda Koh

Victoria Colon, Nathaniel Hill
Dose-Dependent and Sex-Specific Effects of Synthetic Estrogens on Reproductive Function
Mentor: Ryan Earley

Lauren Cook
Gene-by-Environmental disruption of mitochondrial homeostasis in response to exposure to a noxious stimulus in a C. elegans model of Parkinson's Disease
Mentor: Kim Caldwell

Gabrielle Covey
Fluorescent Turn-On Sensors for Transition Metals
Mentor: Marco Bonizzoni
Emilia Cytron
Role for Nckx30c ion exchanger in temperature-sensitive paralysis and neurodegeneration in Drosophila
*Mentor:* Stanislava Chtarbanova

Joseph Daidone, Brooks Nagel, Price McGiffert
Streamflow Reconstruction Study
*Mentor:* Glenn Tootle

Matthew DeBrunner
Developing an Effective Method to Print Liquid Gallium-Indium-Tin Dispersions in The Formation of Stretchable Electronics
*Mentor:* Amanda Koh

Alexa Deregnaucourt
Potential Catalyst for the Dehydrogenative Oxidation of Alcohols
*Mentor:* Elizabeth Papish

Sarah Deutsch
Use of Machine Learning with Studies of Photon Reconstruction at the LHC with the CMS Detector
*Mentor:* Conor Henderson

Sakina Dhondia
Incentives to Encourage the Adoption of Connected and Automated Vehicles: Lessons Learned from Hybrid-Electric Vehicle Incentive Programs
*Mentor:* Shashi Nambisan

Ashley Eberly
Predicting the Properties and Covalency of High Oxidation State An(OH)x Complexes
*Mentor:* David Dixon

Lucas Edgren
The Relationship of Freshwater Mussel Community Composition on Stream Productivity
*Mentor:* Carla Atkinson

Kira Eickman, Owen Cunneely
The Influence of Gut Microbiota Composition on D. melanogaster Metabolic Phenotype
*Mentor:* Laura Reed

Jillian Fields, Nicole Reh
Drink Clean, Think Green
*Mentor:* David Bolus

Timothy Foley
Determination of Set Point for Alkali-Activated Materials Utilizing Electrical Impedance Spectroscopy
*Mentor:* Armen Amirkhanian

Thomas Foster
pSiO2 Incorporated PVDF-HFP/LiClO4 Solid Polymer Electrolytes for High-performance Lithium Ion Batteries
*Mentor:* Ruigang Wang

Oren Gary
Understanding Potential Triggers of Drought Awareness via Google Trends: A Comparison Study of the Recent California and South Africa Droughts
*Mentor:* Johngun Kam

Olivia Gevedon
Identification of the cell-type in which the Transglutaminase gene functions to protect against neurodegeneration in Drosophila
*Mentor:* Stanislava Chtarbanova

Lucas Glisson
Bottom-up Effects of Leaf Litter Conditioning on Snail Physiological Rates
*Mentor:* Carla Atkinson

Danielle Goduto, Catherine Howard
Characterization of Salt Tolerance in Greater Duckweed (Spirodela polyrhiza)
*Mentor:* Michael McKain
Amber Gomez
Computational Studies of the Thermodynamic Properties of Early Actinide Oxides and Oxy-Fluorides Complexes in Different Oxidation States  
*Mentor:* David Dixon

Kaitlyn Grady
Effects of Leaching on HIPE Foams  
*Mentor:* Amanda Koh

Ansley Hamid
Determining Bioturbation Variation Within Abundant Freshwater Mussel Species  
*Mentor:* Carla Atkinson

Christopher Hannigan
Proton Affinities of Gas Phase Acidic Amino Acids and Small Peptides  
*Mentor:* David Dixon

Lauren Harper
Cost Effective Approaches to Dietary Needs of Sunda Pangolins in Captive Care: A Pilot Study  
*Mentor:* Jeffrey Lozier

Lauren Harper
Investigation of NF-κB pathways following brain infection in Drosophila  
*Mentor:* Stanislava Chtarbanova

Lauren Haynes
Characterizing the Impact of a Natural Toxin Mix in Drosophila Species  
*Mentor:* Laura Reed

Christopher Hicks
Investigating genetic regulators of the conserved signaling molecule wingless in Drosophila melanogaster  
*Mentor:* John Yoder

Joseph Holden
Development of novel tools to study host-microbiome interactions mediated through ectopic olfactory receptors  
*Mentor:* Lukasz Ciesla

Robert Hughes
Recycled Material Web Map  
*Mentor:* Andrew Graettinger

Mitch Hungerpiller
Computer-Assisted Phenotyping: Finding a Cost-Effective Method for High-Yield Results  
*Mentor:* Michael McKain

Joshua Hunt
Investigating Internal Pressure Changes in Residential Structures during Garage Door Failure in High Wind Events  
*Mentor:* Thang Dao

Katelyn Isbell, Annelise Frank, Peyton Morris, Cecilia Lee
Reconfigurable Antenna and Software Defined Radio for Small Satellite Applications  
*Mentor:* Yang-Ki Hong

Kelsey Johnson
NASA X43 Thermal Loading and a Cooling Approach  
*Mentor:* Semih Olcmen

Benjamin Jones
Improving the Stability of Numerical Algorithms for Electrostatic Analysis of Solvated Biomolecules  
*Mentor:* Shan Zhao

Sydney Jones, Daniel Risman
Variation in photosynthetic syndrome of the C3-C4 intermediate species Steinchisma hians  
*Mentor:* Michael McKain
Margaret Kalka, Anthony Fant, Caroline Terry
Sex differences in terrestrial jumping performance and its repeatability in an amphibious fish
Mentor: Ryan Earley

Lacey Kennedy
Investigation of Dopamine Neuron Degeneration as a Consequence of Parkinson's Disease Associated Bacteria
Mentor: Kim Caldwell

Julia Kessel
Determining the Lewis Acidities and Redox Properties of MOF-2 Nanoclusters
Mentor: David Dixon

Jackson Knight
Southeast U.S. Streamflow Drought Variability
Mentor: Glenn Tootle

Haley Kuhns
Identification of novel genes involved in survival to virus infection in the aged host Drosophila melanogaster
Mentor: Stanislava Chtarbanova

Jane Kunberger
Investigating Variables Driving Unionid Abundance and Biodiversity
Mentor: Carla Atkinson

Skyler Lambert
Enhanced Ionization of Peptides for Proteomics Applications
Mentor: David Dixon

Meredith Lee
Characterization of Magnetorheological Fluids and Thiolated Iron to Prevent Oxidization Of Metal Particles
Mentor: Amanda Koh

Kyle Maas
Embryonic exposure to endocrine disruptors: behavioral and physiological consequences in mangrove rivulus fish, Kryptolebias marmoratus
Mentor: Ryan Earley

Laura Malis
Vehicle Crashes: Early Detection through Image Recognition
Mentor: Travis Atkison

Daniel Mantoni
Effect of Organic Molecules on the Electrodeposition of Cobalt for Interconnect Applications
Mentor: Qiang Huang

Arianna Martin-Rodriguez
The Link-Link Table: A GIS-Based Functional Merge Between Two Roadway Systems to Enhance Safety Standards
Mentor: Andrew Graettinger

Allison McCarthy
Tracking the Evolution of Simulated Galaxies
Mentor: Jeremy Bailin

Adam McCormack
Correcting Chloroplast Genome Misassembly Caused by Multiple Large Repeat Regions
Mentor: Michael McKain

Lauren McLoughlin, Rachel Ploeger
Ultra-Stretchable Conductive Polymer Complex as Strain Sensor with Excellent Linearity and Repeatable Autonomous Self-Healing Ability
Mentor: Evan Wujcik

Ryan McMichael
Cuba’s Hurricane Response System: Pros and Cons of a Socialist System
Mentor: David Keelings
Kayla R. Meeks
Belize Mapping Project: Modernization of Geospatial Landscape Analyses
*Mentor:* Michael Steinberg

Nathan Moniz
A Regulatory Intersection Between Dopamine and Small RNA Transport in a C. elegans Parkinson’s Model
*Mentor:* Guy Caldwell

Emma Neumann, Jake Houck
Hybridization and Phylogenetic Relationships Between Southeastern Vaccinium Species
*Mentor:* Michael McKain

Phuong Nguyen
Density Matrix Theory for Photo-Induced Valley Hall Conductivity in Two-Dimensional Dirac Semiconductors
*Mentor:* Wang-Kong Tse

Dani Noll, Emily DeVriese
Design, Synthesis, and Application of High-Performance Ionene Polymers
*Mentor:* Jason Bara

Jack O'Donohue
Development of a Computational Chemistry Environment: Application to Palladium Clusters
*Mentor:* David Dixon

Maya Owens
How Do Nutrient Recycling Rates Vary Across Freshwater Mussels?
*Mentor:* Carla Atkinson

Emily Pabst
Are ultraconserved elements an informative marker for reconstructing deep molluscan phylogeny?
*Mentor:* Kevin Kocot

Nicholas Parsa
Enhanced Ionization of Peptides using Lanthanum (III) for Proteomics Applications
*Mentor:* David Dixon

Anna Perkins
Development of Non-Leaching Surfactant for High Internal Phase Polymer Foams
*Mentor:* Amanda Koh

Jonathan Platt, Leo Vanderburgh, Katelyn Isbell
Miniaturized Helical FM Antenna Using 3D Printed Polymer and Ferrite Core
*Mentor:* Yang-Ki Hong

Brianna Pniak
Thermodynamic Properties such as Fluoride and Electron Affinities of the Group III-V Fluorides and Oxyfluorides
*Mentor:* David Dixon

Jacob Powell
Gamma-ray Observations of the M87 Radio Galaxy with VERITAS
*Mentor:* Marcos Santander

Carter Pruett
Discovery of a Mobile Basin population of the critically endangered Fat Threeridge Mussel
*Mentor:* Kevin Kocot

La'Darius Quinn
Thermodynamic Properties of Group VI and VII Transition Metal Fluorides and Oxy-Fluorides
*Mentor:* David Dixon

Christopher Raddatz, Ward Pullen
Elucidating Caffeine Metabolism Regulation in Bacteria
*Mentor:* Ryan Summers
Serena Ralph
Analyzing SMILES-Based Descriptors for Structure-Economy Relationships
Mentor: Vincent Scalfani

Tyler Rhodes, Matthew Mason
Spherical Additive Manufacturing 3D Printing Project
Mentor: Susan Burkett

Ariana Rivera
Optimization of Electronic Chemical Sensors
Mentor: Adam Hauser

Clare Robertson
Genetic contribution to variation in fecundity and egg size in mangrove rivulus fish
Mentor: Jennifer Fortunato

Aiyana Saferite
Drug Discovery and Stability Testing for Potential Treatments of Neurodegenerative Disease
Mentor: Lukasz Ciesla

Emma Sanders
Investigating the Impact of Tenascin-C on the Drug Response of Brain Metastatic Breast Cancer Cells
Mentor: Shreyas Rao

Sean Sawaya
Rainbow Schlieren Tomography of Rotating Detonation Combustion
Mentor: Ajay K. Agrawal

Noah Sciambra
Age-dependent Role of Toll-6 in Survival to Viral Infection in Drosophila melanogaster
Mentor: Stanislava Chtarbanova-Rudloff

Emma Scott
Simultaneous Real-Time DAQ and Visualization of Multiple Analog Inertial Sensors
Mentor: Vishesh Vikas

Greg Shank
Evaluation of Ionic Liquid Toxicity Using Adherent Mammalian Cells
Mentor: Christopher Brazel

Madeline Shay
The Characterization of FosM, a Novel Class of Fosfomycin Resistance Enzymes found in Mycobacterium abscessus
Mentor: Matthew Thompson

Hannah Slater
The Interaction of Azole Bio-Isosteres with Amino Acid Side Chains for Drug Design
Mentor: David Dixon

Jacob Smith
Herbicide Induced Reproductive Dysfunction in Fruit Fly Drosophila melanogaster
Mentor: Anathbandhu Chaudhuri

Caris Smith
Computational Chemistry Studies of Modular Approaches to Design of Novel Ligands for Actinide-Lanthanide Separations
Mentor: David Dixon

Philip Speegle
Finding the Volume Enclosed of a Unit N-Sphere Using Rectangular Coordinates
Mentor: David Cruz-UrIBE

Michelle Tan, Rosemary Harline, Rachael Cowan
Investigating modern dietary interventions and adulthood exercise as therapeutic treatments for the negative effects of a juvenile high-fat diet through glucose and protein analysis
Mentor: Laura Reed

Kristina Terrani
A Synthetic Approach to Probe the Structure of Bacterial Peptidyl tRNA Hydrolase (Pth)
Mentor: Stephen Woski
Gemma Truesdell
Fabrication and Characterization of Microbubbles and their Application in Magnetic Smart Fluids
*Mentor*: Amanda Koh

Ryan Tuckey
Functional Analysis of the Cellular Mechanisms and Genetic Factors Associated with Alzheimer's Disease using *C. elegans*
*Mentor*: Guy Caldwell

Jordan Tzabari, Julianna Myrick
Sex Differences In Gonadal Energy Content: Implications For Sex Change
*Mentor*: Ryan Earley

Madeline Vaji
*Mentor*: Guy Caldwell

Aaron Vandermus
Long-Term Environmental Monitoring Web Portal
*Mentor*: Andrew Graettinger

Cole Wagenhals
Observing the behaviors of sputtered zirconium in an oxidizing environment
*Mentor*: Mark Weaver

Jordan Walker
Manipulation of Properties of Liquid Metal Particles to Produce Electrically Conductive, Stretchable Wires
*Mentor*: Amanda Koh

Jacob Wall
Stable and Highly Efficient All Inorganic Perovskite Solar Cell
*Mentor*: Feng Yan

Bree Warrenfeltz
Total Synthesis of (S)-Dihydroresorcylicyle
*Mentor*: Michael Jennings

John White
Novel Electrodeposition Methods for Palladium-Zinc Alloys as Catalysts for Ethanol Oxidation
*Mentor*: Qiang Huang

Elizabeth Wilkirson
Fully Functional, Voice-Controlled Hand Exoskeleton Glove
*Mentor*: Xuefeng Wang

Hannah Wineinger
Characterizing the Sensitivity of crRNA in Cas10-csm
*Mentor*: Jack Dunkle

Blake Wright, Ben Hallihan
Using Isochrones to Examine NICU Availability in Alabama
*Mentor*: Travis Atkison

Donna Xia
Actinide Aqueous Hydrolysis Reactions: Initial Steps in Actinide Aggregation
*Mentor*: David Dixon

Julia Zimmerman
The Use of Multiple Water Sources in Households
*Mentor*: Mark Elliott
Erica Ackerman  
Adverse Childhood Events and Female Offending  
Mentor: Jennifer Kenney

Harrison Adams  
The Role Sports Plays in Cuban Society  
Mentor: Stan Murphy

Bradley Beasley  
Land Rush: A Socio-Economic Synthesis  
Mentor: Nicholas Magliocca

Christian Bender  
Truth-Telling in Everyday Life  
Mentor: Darrin Griffin

Riley Boegel  
How interpersonal conflict and attachment style influence adolescent sleep duration  
Mentor: Heather Gunn

Aaron Boehm  
A Crimson Tide from Coast to Coast: An Evaluation of the Effects of the University of Alabama's Scholarship and Recruitment Policies  
Mentor: Elizabeth Wilson

Katie Bostrom  
Superstitions and Personalities  
Mentor: Darrin Griffin

Lena Brysacz, Justin Myers  
Reform or Punishment: The Futility of Criminal Justice in America  
Mentor: Darren Surman

Alexis Campbell  
Care Access and Structures for Adults With Developmental and Intellectual Disabilities in the South  
Mentor: Darren Surman

Taylor Canfield  
Sleep, Pain, and Depression Among Nursing Home Residents  
Mentor: Patricia Parmelee

Sara Carmichael  
Releasing the Incarcerated Elderly: Analysis of State Compassionate Release Policies  
Mentor: Jane Daquin

Catherine Carr, Melissa Sharpe  
Stigma Towards Medically Assisted Treatment for Opioid Use Disorder Among College Students  
Mentor: Tricia Witte

Kate Lanier Carter  
The Comorbidity of ADHD and Anxiety in Children  
Mentor: Sara Stromeyer

Alisha Caves  
Exploring the Associations of Relational Victimization and Relational Aggression with Peer Rejection: A Meta-Analysis  
Mentor: Deborah Casper

Autumn Christafore, Julia Hahn, Alyssa Shoonmaker  
The Effects of Beat Gesture and Pitch Accenting on Discourse Comprehension and Memory  
Mentor: Laura Morett

Mary Elizabeth Clements  
Environmental Law’s Impact on Environmental Degradation in Cuba  
Mentor: Mary Pitts

Jacob Collins  
Unlearning Information: Exploring Campus Folklore via Fact-Checking  
Mentor: Darrin Griffin

Allie Coogler  
An Analytical Approach to Political Insurgency With a Focus on Terrorism  
Mentor: Holger Albrecht
Anna Lee Cook  
A Study of Millennial and Gen Z Relationships with Modern Mass Media  
Mentor: Darren Surman

Anna Lee Cook  
A Study of Millennial and Gen Z Relationships with Modern Mass Media  
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Elizabeth DeAtkine  
Children’s Beliefs about the Controllability of Thoughts, Actions, and Feelings  
Mentor: Jason Scofied

Alyssa Dick  
He STEM, She STEM: Exploring the gendered student academic motivations influencing STEM interest and participation  
Mentor: Joan Barth

Courtney Diebold  
Perceiving Nuances and Punctuation from Online Textual Communications  
Mentor: Beverly Roskos-Ewoldsen

Nick Ebel  
Nonverbal communication through the lens of BBQ  
Mentor: Darrin Griffin

Katherine Emm  
Stereotypes, Biases, and Intimate Partner Violence: African American Females in the Courtroom  
Mentor: Jennifer Cox, P.h.D

Preston Evans  
Time to Bail on the Bail System?  
Mentor: Darren Surman

Ariana Evans-Young  
Effects of Socially Malevolent Personalities on Altercasting  
Mentor: William Hart

Grant Gabrielson  
First Comes Google, Then Comes Love: Sequential Information-Seeking Process of Relationship Initiation  
Mentor: Leah LeFebvre

Alicia Gallo, Shelton Owen  
Examining Predictors of Protective Behavioral Strategies on Alcohol Use in a College Sample  
Mentor: Tricia Witte

Olivia Gevedon  
Cultural Competence in Cuban Healthcare  
Mentor: Jason DeCaro

Emily Gibson, Audrey Rollins  
Developing Marion Through Collaboration and Community Resource Accessibility  
Mentor: David Bolus

Emily Gibson, Emma Harper, Martha Glen Sease  
Celebrating the Art and Historical Significance of the Lincoln Normal Quilters  
Mentor: David Bolus

Alyson Giordano  
Perceived Norms for Safe Drinking Practices Among College Students  
Mentor: Tricia Witte

Austin Goodwin  
Leader-Follower Perception of Deceptive Communication  
Mentor: Darrin Griffin

Eric Harrison  
OnCampus Connect: The Potential Impact of Mobile Resources on a College Campus  
Mentor: Tricia Witte

Wyatt Harrison  
To What Extent Do New Entrants into an Online Community Influence Discussion? Evidence from Reddit  
Mentor: Elliot Panek
Sage Hart
Probability Elimination Hypothesis
*Mentor*: Darrin Griffin

Lawford Hatcher
The Intersection of Sexual Identity and Juul Usage
*Mentor*: Katherine Chiou

Abagail Horton
XOXO Gossiper: How are Perceptions of Trust and Closeness Affected by Valence and Relational Context of Gossip?
*Mentor*: Kristina McDonald

Abagail Horton
A Meta-Analysis of the Association Between Relational Aggression and Victimization, and the Unique Associations with Popularity
*Mentor*: Deborah Casper

Mackenzie Johnson
Developing Countries, Developing Crime: The Effects of Transnational Organized Crime on Culture and Government
*Mentor*: Diana Dolliver

Angelina Jones
Cognitive Decline in Adolescents and Adults with Down Syndrome
*Mentor*: Frances Conners

Abigail Kappelman
Morbidity and Mortality in the United States: How Inequality Produces Health Disparities
*Mentor*: Jason DeCaro

Tori King
Transcranial Direct Current Stimulation in Learning & Memory
*Mentor*: Ian M. McDonough

Marisa Koster
"Risking a Tipping Point": The Differentiation of Risk Factors in Disordered Eating and Diagnoses
*Mentor*: Dr. Sara Stromeyer

Haley Kozon, Tara Henderson, Ryan Claunch
How to Help Millennials, "Tomorrow's Leaders of America?" The Role of Financial Knowledge and Financial Advice
*Mentor*: Kyoung Kim

Ally Krenos
A Global Comparison of Parental Leave Programs
*Mentor*: Dana Patton

Bailey Lanai
The influence of music on engagement during an art therapy program for adults living with dementia
*Mentor*: Rebecca Allen

Abigail Laurenson
Making it Real: Personal Transformation and Policy Knowledge in Volunteer and Paid Service Experience
*Mentor*: Brenda Smith

Margaret Lawson
Mississippi Memories: Lynchings in Hinds County, Mississippi, 1880-1934
*Mentor*: John Giggie

Rachel Lee
Impact of Non-Qualifying Traumas on PTSD Research and Treatment
*Mentor*: John Lochman

Ben Leonard
The Cuba Trade Embargo, Alabama's Economy, and the Current U.S.-Cuba Relationship
*Mentor*: David Bolus

Emma Mansberg
Liberty and Justice for all: Shifting the Work of Legal Aids and District Attorneys to Make Justice More Attainable
*Mentor*: Darren Surman
Session 3 – 1 PM - 2:30 PM
Social Sciences

William Miller, Blaire Taggart, Jacob McCarter, Kaytlyn Carlson
Evaluating Psychosocial Factors Contributing to Successful Opioid Tapering
*Mentor*: Tricia Witte

Jenna Minser
"Redefining Home": The Impact of Climate Change Related Land Loss on Indigenous Peoples' Relationship to the Land
*Mentor*: Mairin Odle

Rob Mitchell
The Effect of Multi-Member Legislative Districts on Political Polarization
*Mentor*: Richard Fording

Meredith Moore
Travel Dialogue and Cuba in the American Imagination
*Mentor*: David Bolus

Payton Morris
Mindfulness Treatment for College Students with ADHD: Neuropsychological Changes over Time
*Mentor*: Matthew Jarrett

Jordan Nelson, Courtney Diebold, Catherine McClain
Investigating the Effects of Smartphone Use on Spatial Memory
*Mentor*: Beverly Roskos

Riley O'Neil
A Multiethnic Examination of Sleep as a Mediator of Relationships Between Childhood Adversity and Adult Emotional Health
*Mentor*: Matthew Cribbet

Derek Pederson
Female House Candidates and Fundraising
*Mentor*: Regina Wagner

Andrew Penunuri, Sera Levy
Posttraumatic stress and problem drinking among young adults: differences by trauma type
*Mentor*: Tricia Witte

Brooklyn Pfanstiel, Caroline Ward, Abby Slusser
"If he's cheating now, he's always going to cheat": Exploring Victim Perspectives and Network Member Involvement in the Coping and Repair Process following Romantic Infidelity
*Mentor*: Joshua Pederson

Samuel Reece
Quiescence in the Face of the Corruption of Power
*Mentor*: Darren Surman

Parker Renton, Elizabeth Stinson
How College Students Survive Drinking: Common Protective Drinking Strategies Among College Students
*Mentor*: Tricia Witte

Samantha Ricks
The Relations of Adaptive Behaviors and Executive Functioning with Parental Stress in Those Parenting a Child with Autism Spectrum Disorder
*Mentor*: Theodore Tomeny

Ruby Roberts
Drugs and Weapons Trafficking on Tor Network Marketplaces
*Mentor*: Dr. Diana Dolliver

Olivia Rush, Ashlyn Coats, Anna Peeples
Correlations Between Manufacturer's Stages and IDDSI Levels for Commercially Available Baby Food
*Mentor*: Memorie Gosa

Andrew Rutledge
Representation of Poverty in Mass Media
*Mentor*: Darren Surman

Jessica Sheffield
The Age of Artificial Mimicry: Deepfakes
*Mentor*: Darrin Griffin
Mary Shupard
Why Do Officers Support Community Policing?: A Cross-Departmental Comparison
*Mentor: Erin Kearns*

Nisha Singh
Peer Victimization: The Role of Aggression and Self-Esteem
*Mentor: Fran Conners*

Elizabeth Small
Sleep and Physical Health in Infancy Predicts Better Social-Emotional Development in the First Two Years of Life
*Mentor: Maria Hernandez-Reif*

Genevieve Smith
Phased Retirement in Older Americans: Financial and Psychological Well-Being
*Mentor: Shinae Choi*

Celia Somers
Let’s Face It - N170 Rules: Temporal Processing of Facial Features in the Brain Using Event-Related Potentials
*Mentor: Firat Soylu*

Audrey Stelmach
Children Do Not Always Disambiguate Contrasting Words
*Mentor: Jason Scofield*

Elizabeth Stinson
Investigating the Moderating Role of Race in the Relationship Between Vascular Health and Brain Activation During an Association Episodic Memory Task in Middle-Aged and Older Adults
*Mentor: Ian McDonough*

Trey Sullivan
Corruption, Democracy, and Independence in Latin America
*Mentor: Jennifer Greer*

Dawson Tan
Developing a Toolkit of Human Performance Measures for NASA
*Mentor: Kimberly Stowers*

Joule Tazbir
Impact of the Revolution & Gender Equality in Cuba
*Mentor: Alexandra Perkins*

Emily Terry, Katherine Fallon
Personality DSM Disorders and Bullying
*Mentor: Randall Salekin*

Ally Thomasson
Factors Contributing to a Lack of Access and Uptake of Mental Health Services in Rural Areas
*Mentor: Darren Surman*

Kaitlin Tindol
Mass Shootings in America: Do Media Representations of Perpetrators Exacerbate the Threat?
*Mentor: Adam Lankford*

Diamond Williams
Suicidal Ideation; Exploring Related Factors in Adolescents Growing Up Poor
*Mentor: Anneliese Bolland*

James Wooley, Casey Peterson, Xavier McCoy, Olivia Sizemore, Alexis Nichols, Rachel Glasgow, Allie Sigur
Examining Food Insecurity at The University of Alabama
*Mentor: Kim Colburn*

Lillian Woolf
Vocabulary and Social Engagement in Children with and without Autism
*Mentor: Angela Barber*
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Mentor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emily Adams</td>
<td>Ethical Espionage: The Role of Covert Operations in a Democratic Government</td>
<td>Caroline McClure</td>
</tr>
<tr>
<td>Shannon Anderson, Amber Wesoloski</td>
<td>Examining Sibling and Parental Relationship Memories of Adult Survivors of Childhood Cancer</td>
<td>Sherwood Burns-Nader</td>
</tr>
<tr>
<td>Samantha Anderson</td>
<td>Exploring the Unique Association between Relational Aggression and Victimization with Friendship Characteristics: A Meta-Analysis</td>
<td>Dr. Deborah Casper</td>
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<td>Madeleine Arancibia</td>
<td>The Impact of Site-Specific Dance</td>
<td>Lawrence Jackson</td>
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<tr>
<td>Claire Atkins</td>
<td>Predicting Audit Quality based on Digital Footprints gathered from Social Media</td>
<td>Chezham Sealy</td>
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<tr>
<td>Elise Batchev</td>
<td>Effects of Perspective on Donating Behavior</td>
<td>Carlos Bauer</td>
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<tr>
<td>Connor Best</td>
<td>Locus of Control and Charitable Giving</td>
<td>Michael Price</td>
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<tr>
<td>Kaitlyn Bishay</td>
<td>Mental Health as a Function of Race and Circumstance at Four-Year Institutions</td>
<td>Elizabeth Wilson</td>
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<tr>
<td>Emma Brown</td>
<td>The Role of Comprehensive P-12 Sex Education on Collegiate Women’s Perceptions and Knowledge</td>
<td>Elizabeth Wilson</td>
</tr>
<tr>
<td>Rebekah Brunner</td>
<td>2019 IPOs-- Where are the Women?</td>
<td>Theresa Welbourne</td>
</tr>
<tr>
<td>Lena Brysacz</td>
<td>Facebook Marketing at Pickens County Medical Center</td>
<td>Jef Naidoo</td>
</tr>
<tr>
<td>Molly Buffington</td>
<td>A War of Words: The Lutheran-Calvinist Debate on Acts 3:21 and the Eucharist</td>
<td>Kirk Summers</td>
</tr>
<tr>
<td>Reese Butler</td>
<td>Comparison of Motives behind Education Systems</td>
<td>Martha Makowski</td>
</tr>
<tr>
<td>Walter Castillo</td>
<td>India Maritime Strategy in Confronting Chinese Supremacy</td>
<td>Kim Bissell</td>
</tr>
<tr>
<td>Jason Castillo</td>
<td>The Effects of Insurer Competition on Healthcare Premiums</td>
<td>Richard Fording</td>
</tr>
<tr>
<td>Katelynn Davis</td>
<td>The Effects of Long-term Stress and Congestion on Time Preferences</td>
<td>Michael Price</td>
</tr>
<tr>
<td>Ryan Devey</td>
<td>An examination of education policy as it relates to dropout rates of students with specific learning disabilities</td>
<td>Elizabeth Wilson</td>
</tr>
</tbody>
</table>
Riley Doyle
New Venture Creation through Incubators & Accelerators: What Value Is Created and Who Captures It? Implications for Research, Teaching, and Practice
*Mentor: Paul Drnevich*

Lauren Dutch
How Female CEOs Shatter the Glass Ceiling
*Mentor: Lixiong Guo*

Karli Filips
Applying Blue Ocean Strategy to Hire and Assimilate Disabled Workers into Distribution Centers
*Mentor: Alex Ellinger*

Lindsay Fincher, Lacy Smith, Tejas Dinesh
Transforming Lives through Art
*Mentor: David Bolus*

Matthew Fisher
State Lottery Demand Analysis
*Mentor: Erik Johnson*

Megan Friend
The Potential and Impact of Media in Rural Education
*Mentor: Darren Surman*

Sydney Gabrielson
Flow of Capital in Developing Nations
*Mentor: John Heins*

Courtney Geary
Trump-Era Cuts to Refugee Resettlement Funding and the Effect on Educational Programming for Refugee Students
*Mentor: Yazan Bedritten*

Abigail Gorbett
Which Global- and Country-Level Economic Changes Matter Most for Cross-Border Mergers and Acquisitions?
*Mentor: Paul Drnevich*

Rebecca Griesbach
Examining Anti-Black Bias in the Cuban Revolutionary Press
*Mentor: Hilary Green*

Samuel Hallam, Pike Briggs, Will Schramm
Beyond 50 Years Jailhouse Project
*Mentor: David Bolus*

Jack Halpin, Alex Coury, Jake Gillham, Kiersten Mallory, Merritt McKinney, Matt Creighton
An Online Resource for the Prostate Cancer Community - PCHope
*Mentor: David Hale*

Mac Hanslip
Effect of Personal Relationships on Banking Behavior
*Mentor: Josh Pierce*

Robert Henson
Viewing the Debate Tournament as a Critical Cultural Rhetorical Space
*Mentor: Darren Henson*

Trevor Hill
Roses from the Holocaust
*Mentor: Brian Taylor*

Amelia Hooper
An Examination of Hula Dance and its Representation in America
*Mentor: Lawrence Jackson*

Cassandra Horkan
Keep Droning On
*Mentor: Paul Drnevich*
Lindsay Howard
Merce Cunningham
*Mentor:* Lawrence Jackson

Lauren Iosue
También la lluvia: Using Western Ideologies to Misrepresent Indigenous Struggles
*Mentor:* Marie-Eve Monette

Erin Jacobs
Shields Up! An Examination of Organizational Changeover Following Significant Data Breaches
*Mentor:* Matthew Hudnall

Erin Jacobs
Examining Educators: A Workforce of Disproportionality
*Mentor:* Darren Surman

Joseph Jensen
Imbalance, Immigration, and Anarchy
*Mentor:* Brittany Gilmer

Lauren Johnson
Does Non-Tax Revenue Reduce Political Accountability?
*Mentor:* Traviss Cassidy

Gretchen Johnson
New Venture Challenges and Growth
*Mentor:* Lou Marino

Jeffrey Jones
Colonization, Catholicism, and Cuba
*Mentor:* Lane McLelland

Jack Kappelman
Black Belt Experience Economic Development
*Mentor:* David Bolus

Asaf Katzir, Jordyn Kent
Fund managers and Morningstar: a dynamic analysis of mutual fund risk profiles
*Mentor:* Christopher Whaley

Jordyn Kent, Asaf Katzir
Star Wars: Rent-Seeking for Morningstar Ratings
*Mentor:* Christopher Whaley

Sarah Lessley
The Next Generation of Marketing: Entering the Digital Age
*Mentor:* Susan Fant

Natalie Lett
“Know Thine Own Meaning:” Raciolinguistic Exploration of Savage
*Mentor:* Dilin Liu

Jermarcus Lewis, Kenton Edwards
Estimating Waist Circumference from Digital Images
*Mentor:* Michael Fedewa

Jennica Mancarella
Stitching History: Connecting Eras Through Design
*Mentor:* Brian Taylor

Christopher McCarthy, Parker Grogan, Haskins Jones
Professional Development for the Future of Marion, Alabama
*Mentor:* David Bolus

David McDowell
Analysis of Domain Name Server Traffic on Tor Network Exit Node
*Mentor:* Diana Dolliver

Bailey McIntosh
The Global Phenomenon of Internet Censorship
*Mentor:* Chris Roberts

Chris McKinley, Drew Thomas, Caroline Sisson, Alexis Finklea, Brenan Wright, Russell Hewitt, Cameron Ewing
Visual First in AGILE development
*Mentor:* Greg Cottrell
Myles McLeroy
Sustainable Mobility: Developing a Web-based Software Suite for Transportation and Traffic Analysis
Mentor: Travis Atkison

Katherine Middleton
Synthesis of African American and Afro-Cuban Experiences Through Art
Mentor: David Bolus

Michael O'Grady
Automated Assessments Using Google Streetview and Tensorflow
Mentor: Erik Johnson

Courtney Oleksa
Examining the Relationship Between Creativity Goal Orientation and Self-Reported Creativity in Occupational Therapists
Mentor: Russell Matthews

Shana Oshinskie
Policy & Progress: Obstacles to Breastfeeding in Alabama & Cuba
Mentor: Connie Leeper

John Pace
Operation Monkey Coat: A Fashionable Material Culture Approach to Object-based Research in Dress
Mentor: Marcy Koontz

Emily Passmore, Kevin Williams, Lauren Johnson
The Socio-Economic Impact of Nonprofits in West Alabama
Mentor: David Ford

Abigail Payne
Increasing Optical Character Recognition by Adding Localization Algorithms
Mentor: Travis Atkison

Henry Pitts
The Role of Private and Federal Interests in Public Land Management
Mentor: Darren Surman

Tommie Quinlan
The Rise and Fall of the Paper Caper
Mentor: Amanda Thompson

Riley Raynor, DeAnna Lockett
The Neglected Students: The Black Student Experience in the Public School System
Mentor: Darren Surman

John Reynolds
OpenWage
Mentor: Kabe Moen

Rachel Robinson
GeoGIS: GIS-Based Geotechnical Engineering Data Management
Mentor: Andrew Graettinger

Leah Rubinoff
A Meta-Analysis of the Association Between Relational Aggression and Victimization, and the Unique Associations with Peer Acceptance
Mentor: Dr. Deborah Casper

Andrew Rutledge
Funding the Future: Exploring Fundraising Opportunities for the University of Alabama Honors College
Mentor: Robert Witt

Brianna Santobello
Relational Aggression and Victimization During Adolescence: A Meta-Analysis of Their Associations and Gender Differences
Mentor: Deborah Casper
Session 4 – 3 PM–4:30 PM
Arts & Humanities, Business, Computer Science, MIS & Cyber, Fine Arts, Education

Kaitlyn Sarao
Restitching History: A Contemporary take on designs of the Past  
*Mentor:* Brian Taylor

Emily Scott
Fancy Free When Times Were Not  
*Mentor:* Lawrence Jackson

Alex Sents, Julia Sponholtz
Absorption and COMT  
*Mentor:* Christopher Lynn

Carter Shelton
The Evolution of Technology and Its Impact on Patient Outcomes in Healthcare  
*Mentor:* Kimberly Stowers

Jake Sinacori, Taylor Bowman, Forrest Browne
Klaro Aqua Water Filtration Business Proposal for Mexico  
*Mentor:* Kimberly Williams

Jessica Smith
Validation of Confederate Behavior in the Contextual Assessment of Social Skills (CASS)  
*Mentor:* Susan White

Michael Smith
Network Spillovers in Contests  
*Mentor:* Paan Jindapon

Kailey Sonricker
Setting the Tone for Executives: A look at how article tone impacts the performance perception of male vs. female CEOs  
*Mentor:* Vishal Gupta

Sarah Kimball Stephenson
Analyzing the Significance of Emily Dickinson's Marks and Manuscripts  
*Mentor:* Jason Pontillo

Sarah Beth Strickland
Empowerment and Entrepreneurship as Means of Improving Overall Well-Being of Women  
*Mentor:* Gina Simpson

Andrew Sudol
Cuba’s New Real Estate Market and Its Ramifications  
*Mentor:* Quoc Hoang

Ali Swann, Hannah Clayton, Jared Folden
Cultivating Leadership and Community in Alabama's Black Belt  
*Mentor:* David Bolus

Aislinn Tansey
Forensic Evaluators’ Opinions of Competence to Proceed  
*Mentor:* Lauren Kois

Kailyn Thomas
Design Exhibition: In Honor of Hedy Strnad  
*Mentor:* Brian Taylor

Kyle Van Frank
Blended Cultures: The Story of Tap Dancing America  
*Mentor:* Stacy Alley

Pang Vang
Hedy’s Flower Dress  
*Mentor:* Brain Taylor

Caneel VanNostrand, Kayla Merritt
Kitschy Packaging: How Consumer Expertise and Product Packaging Impact Perceptions  
*Mentor:* Clay Voorhees

John Martin Weed
Mapping the Digital Divide  
*Mentor:* Darren Surman
Kira Wence, Elisabeth Pettibone  
Evaluating Primary Care Medical Residents in Psychiatry Rotations: Improvements  
Mentor: Nathan Culmer

Eliza Witherspoon  
Community Analysis Before Federal Scrutiny: The Effectiveness of a Head Start Education  
Mentor: Darren Surman

Zachary Ziegenhorn  
A Proposal for Research on How LGBTQ Youth Are Impacted by the School-To-Prison Pipeline  
Mentor: Darren Surman

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At Alabama Power, the most important thing we power is progress. We work with state and local allies to champion innovators that will help energize our state. That is the power to propel business and create opportunity. Making our state a great place to work and live is one more way we’re helping elevate Alabama.  

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