

Undergraduate Research Awards

THIRD place winners

- **For the oral presentation in Science, Technology, Engineering and Math:** **Matthew George** - *Effects of door width on wild pig entrance into traps*
School of Forestry and Wildlife Sciences [Wildlife]
- **For the oral presentation in Research and Creative Scholarship in Design, Arts and Humanities:** **Max Zinner** - *When church and state collide: Mormonism and polygamy in the late 19th century.*
College of Liberal Arts [Sociology, Anthropology, and Social Work]
- **For the poster presentation in Science, Technology, Engineering and Math:** **Jeffry Iskandar** - *Production of bio-oil by hydrothermal liquefaction of algae*
Samuel Ginn College of Engineering [Biosystems Engineering]
- **For the poster presentation in Research and Creative Scholarship in Design, Arts and Humanities:** **Lauren Thomas** - *Hospital Saint Paul de Tarsa*
College of Human Sciences [Consumer and Design Sciences]

SECOND place winners

- **For the oral presentation in Science, Technology, Engineering and Math:** **Doyon Kim** - *Variations of Toeplitz' Conjecture*
College of Sciences and Mathematics [Mathematics and Statistics]
- **For the oral presentation in Research and Creative Scholarship in Design, Arts and Humanities:** **Emma Hyche** - *Inmate labor and its connections to historical systems of racial labor exploitation*
College of Liberal Arts [History]
- **For the poster presentation in Science, Technology, Engineering and Math:** **Christina Pickering** - *Development of gold-lipidic nanocomposites for cancer improved chemotherapeutic delivery*
Samuel Ginn College of Engineering [Chemical Engineering]
- **For the poster presentation in Research and Creative Scholarship in Design, Arts and Humanities:** **AJ Dessert** - *Pediatric trauma and disease control center*
College of Human Sciences [Consumer and Design Sciences]

FIRST place winners

- For the oral presentation in Science, Technology, Engineering and Math: **Sara Rains** and **Jessica Adams** - *Identifying effective community development practices in Ecuador.*
College of Human Sciences [Global Studies]
- For the oral presentation in Research and Creative Scholarship in Design, Arts and Humanities: **Abigail Katsoulis** and **Madeline Gonzales** - *ARCHIBET.*
College of Architecture, Design and Construction [Architecture, Planning and Landscape Architecture]
- For the poster presentation in Science, Technology, Engineering and Math: **Martin Wang** - *Computational study of electrostatically tunable band offsets in MoS2 multilayers*
College of Sciences and Mathematics [Physics]
- For the poster presentation in Research and Creative Scholarship in Design, Arts and Humanities: **Ryan Bowen** - *Generation of new landscape forms through mold making, digital, and mixed media experimentation*
College of Architecture, Design and Construction [Architecture, Planning and Landscape Architecture]

Graduate Research Awards

THIRD place winners

- For the oral presentation in Science and Engineering: We have a tie between:
Brian Folt - *Establishing reference demography for conservation: A case study of the Alligator Snapping Turtle (*Macrochelys temminckii*) in Spring Creek, Georgia*
College of Sciences and Mathematics [Biological Sciences]

AND **Jessica Kelly** - *Treatment of GM1 gangliosidosis via pH sensitive polymersomes*
Samuel Ginn College of Engineering [Chemical Engineering]/
Harrison School of Pharmacy [Drug Discovery and Development]
- For the poster presentation in Science and Engineering: **Chelsea Harris** - *Targeting of GABA receptors using functionalized nanoparticles as a method of treating cancer-related pain*
Samuel Ginn College of Engineering [Chemical Engineering]

- **For the poster presentation in Social Sciences and Humanities:** **Ekijot Saini** - *Neighbourhood social fragmentation associations with objective sleep among women*
College of Human Sciences [Human Development and Family Studies]
- **For the oral presentation in Creative Scholarship:** **Sagar Hiware** - *Urban morphology for the City of Montgomery: Building a livable future*
College of Liberal Arts [Political Science]

SECOND place winners

- **For the oral presentation in Science and Engineering:** **Bobbie Renfro** - *Can we swim with the fishes? Impacts of diving tourism on macroalgal grazing behavior by coral reef fishes*
College of Sciences and Mathematics [Biological Sciences]
- **For the oral presentation in Social Sciences and Humanities: We have a tie for second place between:** **Megan Harrelson** - *The effect of psychoeducation on public perceptions of adolescents with illegal sexual behavior,*
College of Liberal Arts [Psychology]

AND Jessica Petri – *Moving beyond self-report: Construct validation of DSM-5 PTSD using the CAPS-5*
College of Liberal Arts [Psychology]
- **For the poster presentation in Science and Engineering:** **Yuan Zeng** - *Novel constitutive and inducible antibacterial activities against multidrug resistant bacterial pathogens in the Eastern Subterranean Termite *Reticulitermes flavipes**
College of Agriculture [Entomology, and Plant Pathology]
- **For the poster presentation in Social Sciences and Humanities:** **Lauren Kirby** - *Preliminary materials toward a Library of Affective Films (LAF): Standardization and psychophysiological validation*
College of Liberal Arts [Psychology]
- **For the oral presentation in Creative Scholarship:** **Livia Lima** - *Crafting a new urban core for the peninsula of Mobile, AL*
College of Architecture, Design and Construction [Architecture, Planning and Landscape Architecture]

FIRST place winners

- **For the oral presentation in Science and Engineering:** **Julio Yanes** - *Neurobiological impact of chronic cannabis use: a meta-analysis of functional neuroimaging studies*
College of Liberal Arts [Psychology]
- **For the oral presentation in Social Sciences and Humanities:** **Jeremy Jeffcoat** - *Forgotten freedom fighters: Gee's Bend, Alabama and the voting rights movement of 1965*
AUM College of Arts and Sciences [History]
- **For the poster presentation in Science and Engineering:** **Alexander Sauer** - *Methylmercury exposure in adolescence saturates memory and enhances psychomotor responding in mice*
College of Liberal Arts [Psychology]
- **For the poster presentation in Social Sciences and Humanities:** **A.J. Good** - *Predicting state budget policy: State political factors influencing higher education funding*
College of Liberal Arts [Political Science]
- **For the oral presentation in Creative Scholarship:** **Chloe Brown** - *Starving artist*
AUM College of Arts and Sciences [Art]

Graduate Student Nursing Research Awards for poster presentations **in evidence-based**

THIRD place

Ruth McCullough - *Improved Management of Hypertension with Scheduled Follow-up from the Emergency Department*

SECOND place

Kimberly Jones - *Enhancing Education to improve Patient Self-management of Heart Failure Symptoms*

FIRST place

April Young - *Evidence-based Practice for an Asthma Action Plan*