

The Office for Undergraduate Research and Creative Endeavor would like to extend

CONGRATULATIONS TO OUR 2022-23 STUDENT SEARCH WINNERS!

 **SEARCH** Scholarship, Engagement, the Arts,  
Research, Creativity and Humanities

Student	Faculty Advisor	Project Title
Saeed Ataollahi	Mohammad Mahtabi	A New Approach for High Throughput Fatigue Life Prediction of Critical Metallic Components Based on Strain-Energy-Density
Rachel Bragg	Brittany Work & David Levine	Effectiveness of Kinesiology Taping on Shoulder Pain and Function in Individuals with Hypermobility Ehlers-Danlos Syndrome
Sam Friedman	Sungwoo Yang	Analysis of Vacuum Sealed Aerogel
Emma Vosika	Christopher Cunningham	Identifying Personal Energy and Recovery Patterns and their Impact on Well-being
Audrey Pennington	Alexandra Zelin	Sexual Harassment in an Overlooked Occupation: Experiences of CNA's and the Influence of Nurses
Bailey Newell	John Lee	Activation of Carbon-Hydrogen Bonds using Well-Defined Cp*Co(III) Complexes
Anna Pusser	Jill Shelton	The Ecological Validity of Prospective Memory Experimentation
Evan Ritchey	Ashley Manning-Berg	Investigating the Relationship of Mineral and Organic Phases in the Stromatolitic Fabrics of the Knox Group, NW GA
Autumn Wilson	Benjamin Stein	Temporal Regulation of NtrYX by NtrZ
Annabree Corlew	Jennifer Boyd & Thomas Wiegand	Phenotyping rare and common Helianthus species to determine trait plasticity using PlantCV
Lauren Strickland	Amanda Clark	The Effect of Childhood Adversity on Subjective and Objective Test Anxiety and Working Memory Task Performance
Luke Hair	Jared Pienkos	Synthesis of a trans Bidentate N-Heterocyclic Carbene Containing Imidazole
Patrick Kenney	Luis Sanchez-Diaz & Keenan Dungey	Elucidating the Biophysics of Antibiotic Resistance in Escherichia coli
Rina Mendoza Caballero	Stephanie DeVries & Ashley Manning-Berg	The Bioremediation of Microplastics Through the Use of Microalgae Biofilm
Savannah Woods	Ashley Howell	Testing Shame as a Moderator of Childhood Trauma Exposure and Social Submissive Behavior in Young Adulthood
Jonathan Dinsmore	Ralph Hood	Numinous Luminosity: A Scale Development and Mixed-Methods Construct Exploration
Brittany Ikner	Kristen Black	Investigating the Role of Emotional Stability in 'Unplugging' from Work
Sophia Vlass	Christopher Cunningham	Inherent Work-Nonwork Demands and Self-Assessment of Potential Conflicts
Jacob Price	Sami Dakhli	Urban Understandings: A Multi-Pronged Exploration of Coercive Gentrification in Chattanooga