

**UNCG Undergraduate Research, Scholarship and Creativity Office Undergraduate
Research and Creativity Awards
Summer 2023**

Student	Faculty Mentor	Department	Project Title
Lianny Araujo Martinez	Jennifer Coffman	Human Development and Family Studies	The Development of Children's Early Mathematical Skills: The Interplay of Home and School Language Environments
Sebastian Astorga	Alexander Eger	History	Bosnians in Ottoman Palestine
Carly Beck	Maia Popova	Chemistry and Biochemistry	Understanding and Supporting Students' Ability to Make Inferences from Representations of Molecular Structure
Ethan Divon	Aisha Dad-Van Veldhuizen	Classical Studies	Expanding Classics: Comparative World Mythology and its Reception in Gaming
Zoe Edmonson	Maia Popova	Chemistry and Biochemistry	Characterizing Inorganic Chemistry Instructors' Pedagogical Content Knowledge and Teaching Practices when Teaching Symmetry
Samuel Feinstein	Alexander Eger	History	Bosnians in Ottoman Palestine
Brianna Gomez	Eric Josephs	Nanoscience	Analyzing Exogenous dsRNA Uptake to Manipulate Duckweed Biology
Zandra Gregory	Jennifer Etnier	Kinesiology	Fitness, cognition, and APOE genotype in midlife adults at risk of Alzheimer's disease
Emily Guin	Mitchell Croatt	Chemistry and Biochemistry	Regioselectivity Study of meta-Substituted Allyloxybenzenes
Kya Hargan	Sally Koerner	Biology	Investigating changes in bison grazing and insect herbivory preference after long-term grazing exclusion in tallgrass prairie
Matthew Henderson	Alexander Eger	History	Using Faunal Remains to Assess Identity and Environmental Change at Caesarea, Israel

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Amber Johnson	Sarah Koerner	Biology	The influence of the legume-rhizobia symbiosis on growth rates of common understory legumes in longleaf pine savanna
Amiah Jones	Mariam Aziza Stephan	School of Art	Murals and Large-Scale Painting: Bridging Creative Research and Community Development
Ashley Jones	Leah Sobsey	School of Art	CVPA Pollinator Garden
Corban Mills	Brittany Cassidy	Psychology	Faces of Racism: Characterizing how Black and White Americans Represent Prejudice
Devyani Patel	Nicholas Oberlies	Chemistry and Biochemistry	Creating Semisynthetic Analogues of Verticillin A and Verticillin D
Noemi Salinas	Gwendolyn Robbins Schug	Biology	Bioarcheology and Subadult Compact Bone Ontogeny— Filling in the holes
Pencie Shrewsbury	Leah Sobsey	School of Art	CVPA Pollinator Garden
Sarah Smith	Mariam Aziza Stephan	School of Art	Murals and Large-Scale Painting: Bridging Creative Research and Community Development
Kathryn Tarr	Jason Reddick	Chemistry and Biochemistry	A Fungi-Free Purification of the Chlorination Enzyme from the Fungal Biosynthesis of Sporidesmin
Milan Toomer	Kimberly Komatsu	Biology	Understanding the role of mutualistic bacteria in driving coexistence among legume plants in mesic grasslands
Eric Whisnant	Ayalew Osen	Biology	Screening of tef (<i>Eragrostis tef</i>) genotypes for enhanced antioxidant properties