



FY 2022 OVPR Research/Scholarship Seed Grants

Researcher(s)	Department(s)	Project Title
Choi, Jayoung with external collaborators	Inclusive Education	Enhancing Teaching and Learning in a New Korean-English Dual Language Immersion Program in Georgia
Dai, Minhao, & Wright, LaNita	Communication & Media, Health Promotion & Physical Education	Exploring the Influences of Racial & Sexual Identities on Black Transgender Men and Women's Self-Disclosure & Healthcare Experiences
Green, Nicholas & Mashayekhi, Somayeh	Ecology, Evolution, & Organismal Biology, Mathematics	Exploring the Applications of Fractional Differential Equations in Ecotoxicological Risk Assessment
Karakaya, Mahmut	Computer Science	Computerized Assessment and Real-Time Assistance for 3D Cataract Surgeries
Li, Yizeng	Mechanical Engineering	The Interplay of the Actomyosin Contraction and Water Permeation in Single Mammalian Cell Migration
Park, Jungkyu (Justin)	Mechanical Engineering	Strain Effect on the Thermal Transport of Carbon Nanocomposites
Shackleford, Jenna, Emerson, Christie, & Treiber	Nursing, Sociology & Criminal Justice	Identifying Obstacles to Treatment Adherence & Self-Management of Multiple Serious or Complex Chronic Illnesses for Older, Single Adults
Sherr, Laurence	Music	PARMA Recordings' Publication & Release of Laurence Sherr's Holocaust Remembrance Compositions on CD/Digital Album
Soleimani, Arash & Roman, Tiffany	Architecture, Instructional Technology	A Cyber-Physical Learning Environment Promoting Children's Spatial Thinking
Valero de Clemente, Maria	Information Technology	Design Implementation of a IoT Testbed for Secure Software Deployment and Testing Using Containerization
Weand, Matthew	Ecology, Evolution, & Organismal Biology	Does Ecosystem Restoration Create Wildlife Habitat at the Expense of Carbon Storage? An Investigation of Mountain Longleaf Ecosystems in Northwest Georgia