

2019 Undergraduate Summer Research Awards

Faculty Investigator(s)	College	Title of Proposal
Shen, Yinjie	BUS	Do activist hedge funds prefer local firms?
Spears, Janine	BUS	An Examination of Online Behavioral Tracking
Heath, Michele/Porter, Tracy	BUS	Systematic Review: Physician Leadership and Health Information Exchange
Ngo, Phuong	CLASS	Is Inflation Really Missing or "Newly Normal"?
Slankard, Cigdem	CLASS	Say Goodbye - Undergraduate
Liekse, Joel	CLASS	Researching the Effects of Diversity on American Government and Politics
Deering, Lynn	CLASS	Intersections of Dance Artistry and Wellness: A Personal and Community Based Experience
Medina-Rivera, Antonio	CLASS	Cleveland Linguistic Corpus
Novisky, Meghan	CLASS	Incarceration-Specific Deprivations and General Strain Theory
Wanyerka, Phil	CLASS	Geophysical Investigations at the Fort Hill Earthwork Complex, Cleveland Metroparks, Rocky River Reservation
Berry, Anne/DeBoth, Kelle/ Wendland, Madalynn	CLASS/COSHP	PLAAY on the Move: Using Digital Platforms to Increase Access to Community Spaces for Children with Sensory and Motor Impairments
Boerner, Valentin	COSHP	Role of the Fanconi Anemia Pathway in the Repair of Chromosome Breaks during Meiosis
Dean, Jeffrey	COSHP	How do the different optics of the eyes of African clawed toads in air and water influence their detection of visual stimuli presented above and below the surface?
Kondratov, Roman	COSHP	Circadian Control of Diet Induced Changes in Fat Homeostasis
Li, Bibo	COSHP	Confirmation of interactions between TbTRF/TbTIF2 and several candidates identified from a large-scale pull-down of the TbTRF/TbTIF2 protein complex
Mueller, Kevin	COSHP	Impacts of drought and land management practices on a widespread forest community
Rauschert, Emily	COSHP	Plant community homogenization in parklands across an urbanization gradient
Sam-Yellowe, Tobili	COSHP	Fluorescent oligonucleotide probes and cytoskeletal protein staining for Colpodella species detection in culture and environmental samples
Severson, Aaron	COSHP	Understanding the consequences of meiotic cohesin formation in mitotic cells
Weyman, Crystal	COSHP	Novel cell cycle regulation of the transcription factor p53 and the kinase c-Abl in skeletal myoblasts cultured in differentiation media
Wolin, Julie	COSHP	After the Fire, a Comparative Water Quality and Salinity Assessment of the Cuyahoga River
Yuan, Fasong	COSHP	Characteristics of phosphorus in suspended sediments from major tributaries into Lake Erie
Bayachou, Mekki	COSHP	Synthetic Melanin Films as Sensitive Platform for Peroxynitrite Detection
Berdis, Anthony	COSHP	Biological Testing of a Metal-Containing Nucleoside as an Imaging Agent to Accurately Define Tumor Margins
Su, Bin	COSHP	Prozosin fluorescent probe for trypanosomiasis
Sun, Xue-Long	COSHP	Synthesis and Evaluation of Sialidase Inhibitors for Modulating LPS/TLR4 Signaling Pathway
Zhou, Aimin	COSHP	The role of Rnase L in macrophage lipid homeostasis
Espy, Debbie	COSHP	Development of a Kinematic Measure for Large Amplitude Balance Activities
Keptner, Karen	COSHP	Development of an assessment tool: Adjustments through university
Reinthal, Ann	COSHP	Adding a harness-use feedback system to the community garden multidirectional harness system project
Yorke, April	COSHP	Musical Literacy Interventions for Individuals with Complex Communication Needs and Typically Developing Children who are at Severe Risk for Literacy Delays Due to Low Socio-Economic Status
Hammonds, Michael/Sahley, Tony/Woodside, Brian	COSHP	Rodent Neurophysiology/Molecular Biology/Histology in Brainstem Stress Response
Bickel, Jessica/Resnick, Andrew	COSHP	Examining Phase Transitions in Absinthe
Streletzky, Kiril/Kaufman, Miron	COSHP	Towards Understanding Microgel Volume Phase Transitions
Vitali, Jacqueline	COSHP	Crystallization of Dihydroorotase from Methanococcus jannaschii
Heus, Thijs/Ryan, Shawn	COSHP	Comparing cloud size distributions from Total Sky imaging observations with Large Eddy Simulations
Horvath, Michael	COSHP	The relationship between border keeper characteristics and work-nonwork balance
Slifkin, Andrew	COSHP	Variations in visuomotor feedback and changes in the structure of motor output: A further investigation
Smith, Albert F.	COSHP	Color-Word Contingency Learning: Number of Response Alternatives and Sensitivity to Contingency Shifts
Yaroslavsky, Ilya	COSHP	Adaptive Emotion Regulation and Depression Risk: A mechanism study
Naser, Shereen/Fuller, Kimberly/ Goncy, Elizabeth/ Clonan-Roy, Katie	COSHP/EDU	Sexual Health Information Access for Gender Minority Youth
Liao, Kelly Yu-Hsin	EDU	A Self-Compassion Writing Intervention to Reduce the Negative Impact of Internalized Strong Black Women Schema
King-White, Dakota	EDU	An Exploratory Study of Trauma-Informed Strategies to Support Students in Urban Schools
Kullman, Emily/ Wajda, Douglas/ Sparks, Kenneth/ Motley, Mary/ Little, Kathleen	EDU	Impact of dog restraint system on running gait while running with a canine - implications for injury risk
Andrei, Elena	EDU	A Portrait of TESOL/Bilingual Faculty in Teacher Education
Buckley, Molly/Northrop, Laura	EDU	Getting What You Paid For: An Analysis of Literature-Based Lesson Plans for the Most Commonly Taught Novels in Grades 7-12
Chan, Paula	EDU	Evaluating Three Methods for Recruiting Student Feedback in the College Classroom
Wachira, Patrick	EDU	Integrating Coding/Computational Thinking in Mathematics Teacher Education
Huang, Grace/Lam, Eddie T.C.	EDU	Refugee Families Resettling Experiences in Cleveland: Implications for Effective Refugee Services and Support System
Gatica, Jorge	ENG	Catalytic Waste Gasification as a Route to Sustainable Living Environments
Lee, Moo-Yeal	ENG	An integrated plate system for tissue engineering and disease modeling
Tewari, Surendra	ENG	Cellular-Dendritic Ordering in Directionally Solidified Al-7%Si Single Crystal Alloy
Ao, Geyou	ENG	Polymer Aqueous Two-Phase Separation of Carbon Nanotubes by Precise pH Control
Belovich, Joanne/Midura, Ron	ENG	Transport of an estrogen-like compound in cortical bone tissue
Jenkins, Jacqueline	ENG	Modeling the operational efficiencies of two-lane freeway on-ramps
Kim, Ungtae	ENG	Optimization Toolkit for Design and Management of Water Distribution Networks
Ye, Hongxing	ENG	Energy Transaction Platform using Blockchain Technologies
Zhao, Wenbing	ENG	Complex Human Activity Recognition
Zhu, Ye	ENG	Security and Privacy of Mixed Reality and Social Networking Services over 4G/LTE Communications
Borkar, Tushar	ENG	Effect of SPS Process Sintering and Titanium carbide (TiC) Content on Microstructure and Mechanical Properties of Ni-TiC Composites
Zhang, Wei	ENG	Flying spiders: How Does a Spider Interact with Air in Free-fall
Wirth, Chris/Ryan, Shawn	ENG/COSHP	Influence of interfacial properties on propulsion of active particles near an air/water interface
Kothapalli, Chandrasekhar/ Fodor, Petru	ENG/COSHP	Design and implementation of microreactors
Mead, Joseph	URBAN	City-Level Policies Towards People Experiencing Homelessness
Wukich, R Clayton	URBAN	City Government Responsiveness on Social Media: Does It Require a Disaster?