

2023 Research & Creative Activities Program

Award Recipients & Project Titles

Ogden College of Science & Engineering

Noah	Ashley	Biology	Inflammatory response of brain to sleep loss in co-culture of glial cells
Scott	Bonham	Physics and Astronomy	Video Arguments over Socio-Scientific Issues (VASSI)
Katrina	Burch	Psychological Sciences	Examining work and well-being outcomes associated with caregiving policies at regional comprehensives universities
Ali	Oguz Er	Physics and Astronomy	Laser induced smart surface creation on Titanium surface: A potential solution to minimize prosthetic joint infection
Nahid	Gani	Earth, Environmental, and Atmospheric Sciences	Detection of Hydrothermal Alteration Mineral Zones in the Mojave Desert, California
Rodney	King	Biology	Identifying cytotoxic bacteriophage proteins and their potential use against antibiotic resistant bacteria
Lei	Li	Chemistry	Developing highly sensitive fluorescent sensors for multiple analytes detection
Joseph	Marquardt	Biology	Investigating the regulation of proliferation and cell cycle progression by Elm1 and Hsl7 in Saccharomyces cerevisiae
Paolo	Massa	Physics and Astronomy	Energy Partition in Solar Eruptive Events
Navdeep	Singh	Agriculture and Food Science	Identifying suitable cover crops for soil health benefits in Western Kentucky
Ajay	Srivastava	Biology	Assessing the Effects of Cell Polarity Changes on the Nuclear Pore Complex in Drosophila melanogaster
Zachary	Suriano	Earth, Environmental, and Atmospheric Sciences	Extreme Precipitation Events in Kentucky: Analysis of Variations, Weather Conditions and Implications

Potter College of Arts & Letters

Sophia	Arjana	History	The Mosque with the Thatched Roof: Religion and Memory in Islam
Brent	Bjorkman	Folk Studies & Anthropology	Sonic Landscape Exhibit Preparation
Marc	Eagle	History	Transcription and translation of records of a 1562 shipboard revolt by enslaved Africans
Jean-Luc	Houle	Folk Studies & Anthropology	'The Development of Mobile Equestrian Pastoralism in Mongolia'

Ching-Yi Lin Music Asian Concert Music: Performances and commission

Christy Spurlock Kentucky Museum America250 in Kentucky
