

2022 Faculty-Undergraduate Student Engagement (FUSE)

Award Recipients & Project Titles

College of Health & Human Services

Aaliyah	Van	Janice Smith	The effect of adapted cardio drumming on response inhibition and cognitive set shifting in adults with Down syndrome
Ana	Avendano	Whitley Stone	Rock Out Work Out! Cardio Drumming with Down Syndrome
Emma	Lord	Whitley Stone	Effectiveness of Nintendo Ring Fit in improving balance and proprioception during recovery after ACL reconstruction surgery
Ryan	Messenger	Danilo Toluoso	Psychological and physiological health outcomes associated with disc golf
Kathryn	Howard	Rachel Tinius	The relationships between modifiable maternal lifestyle factors and postpartum depression
Montana	Pettiford	YuChun Chen	Learning something new: Introducing color guard skills to homeschoolers

Gordon Ford College of Business

Laurel	Johnston	Joanna Melancon	Fan Reactions to European Super League
Jonah	Hathaway	Lily Popova Zhuhadar	Think Pandemic-Related Fraud Is Going Away? Think Again!

Ogden College of Science & Engineering

Hannah	Kramer	Scott Bonham	Improving Visual Python Instruction in Physics Laboratories
McKenna	Tate	Amy Brausch	The effect of religious affiliation on self-harm thoughts and behaviors in sexual minority young adults
Greta	Kreuzer	Matt Woodward	Examining the relationship between sorority membership, sexual assault, and substance use
Naiya	Sims	Jarrett Johnson	Determining Patterns of Gene Flow and Genetic Structure in Spider Beetles

Jerica	Eaton	Jarrett Johnson	Growth and Survival of Amphibians Exposed to Road Salt and Glyphosate-Based Herbicide
Aston	Lyvers	Amy Brausch	Measuring Change in Occupational Prestige in Regards to Sex-Domination of a Career
Alyssa	Swift	Diane Lickenbrock	Examining Associations Between Infant Behavioral Inhibition, Cardiac Physiology, and Regulatory Behaviors
Lindsey	Fannin	Ajay Srivastava	Analysis of Cathepsin L protease during Tumor Metastasis in <i>Drosophila melanogaster</i>
Annah	Hopkins	Ajay Srivastava	Assessing the involvement of neuronal migration genes during tumor metastasis in <i>Drosophila</i>
Leah	Hartman	Ivan Novikov	How the Viscosities and Properties of Different Liquids Affect the Oscillations of a Container on a Curved Ramp
Grasen	Akridge	Fatemeh (Mahtab) Orooji	A comparative evaluation of the effectiveness of virtual reality (VR) over 3D visualization and 2D visual interactive simulation in architectural modeling and presentation
Flora	Lin	Fatemeh (Mahtab) Orooji Shahnaz Aly	The Immersive Virtual Experience Through Virtual Reality CAVE: The Approach to Improve Spatial Perception in Architectural Design
Alison	Francis	Jason Polk	Stream Habitat and Health Assessment for Jennings Creek, Bowling Green, Kentucky
Ben	Hauschild	Jason Polk	Quantifying Gaining Stream Discharge for Jennings Creek, Bowling Green, Kentucky
Gabriel	Heckerman	Michael Smith	The Protective Role of Melanin in the Teleost Inner Ear
Cole	Johnson	Jeffery Michael Galloway	Navigation of an Autonomous Unmanned Aerial Vehicle
Nicholas	Clayton		

Potter College of Arts & Letters

Isabella	Sparling	Liza Kelly	Ecuadorian Art Song Performance Guide
Emily	Chambers	Ching-Yi Lin	Research of Music Education Through Philosophy
Parker	O'Shaughnessy	Kyle Maksuta	Finding Causes of Violent Crime In Louisville, Kentucky

Josie	Coyle	Timothy Rich	Perceptions of Taiwanese Women In and Out of the Workforce
Molly	Robinson	Timothy Rich	An Analysis on Immigration and Refugee Integration Processes in Bowling Green, Kentucky
Julia	Woolums	Meghan McKinley	Bipolar Disorder Through the Lens of Modern Dance
Hannah	Kabrick	Ching-Yi Lin	Gaining Pedagogical and Cultural Insight through Violin Performance in France
Jenna	Clark	Brittany Martin	Sentencing Disparities of Race and Gender in the State of Kentucky
Aleka	Chau	Ching-Yi Lin	Bringing Suzuki Violin Training to WKU
Elianna	Yankee	Lauren McClain	Examining the Effects of American Paid Parental Leave Policies on Maternal Post-Partum Depression and Mental Health
Tani	Washington	Andrew Rosa	Rhetorical Cyclicity of Economic Reform in Black America
Johnnie	Boswell	Scott Lasley	Voter Access versus Election Security: What Matters More to Voters?
Sophia	Jones	Amanda Clark	Conceptualizing Ideas into Tap Choreography
Kaleigh	Hampton	Anna Patsfall	How Gravity Affects Anatomical Structures in Dance
Aaron	Davis	Sara Thomason	D/deaf: A Story Of Two Worlds
Imogene Paige	Murphy		
Carrie	Guyton	Sara Thomason	Rose-Colored Glasses
April	Gregory		