

Student Engagement Awards - FY23

Total Applications: 6

Total Funding Provided: \$35,800

Recipients	Department/Unit	Title
Anant Deshwal	Biology	The relationship between diet composition of grassland birds and available insect diversity.
Ye Li	Industrial Manufacturing Engineering & Technology	Robotic Arm Assisted Volumetric Additive Manufacturing via Acoustic Levitation.
G.G. Md. Nawaz Ali	Computer Science & Information Systems	Performance analysis of 5G New Radio and DSRC networks for V2X Communications.
Rachel Vollmer	Family & Consumer Science	Development of a Community Nutrition Undergraduate Research Lab.
Mohammad Sadat	Computer Science & Information Systems	Quality of Experience (QoE) Model for video streaming applications.
David Zietlow	Mechanical Engineering	Optimization of Power Plants and Global Warming.

Student Engagement Awards - FY22

Total Applications: 14

Total Funding Provided: \$48,709

Recipients	Department/Unit	Title
Dr. Fahmidah Ashraf	Civil Engineering and Construction	<i>Bridge Collapse Risk and Predictive Trends</i>
Dr. Craig Cady Dr. Kalyani Nair	Biology Mechanical Engineering	<i>Investigation into the activation of ovarian cancer stem cells following exposure to chemotherapy</i>
Dr. David Dominguese	Physical Therapy	<i>How environmental factors and different levels of muscle fatigue during exercise effects movement</i>
Dr. Melinda Faulkner	Biology	<i>Examining the substrate specificity and regulation of three stress response proteins in B. subtilis</i>
Dr. Danielle Glassmeyer	English	<i>Engaging Students in Digital Humanities Research Production through the Mapping Modernism Project</i>
Dr. Jennifer Jost	Biology	<i>Evaluating the short and long-term effects of aerial exposure on the invasive zebra mussel.</i>
Dr. Carmen Keist	Family and Consumer Sciences	<i>From Client to Product: Creating a Walking Billboard through Apparel Experiential Learning</i>
Dr. John Marino	Biology	<i>Quantifying the hidden diversity of wildlife parasites and the influence of environmental factors</i>
Dr. Mahmood Soltani	Civil Engineering and Construction	<i>Nonlinear Model of Interface Shear Transfer Test Methods in Reinforced Concrete Connections</i>