

## Student Engagement Awards - FY24

**Total Applications: 10**

**Total Funding Provided: \$46,275**

Recipients	Department/Unit	Title
Fahmidah Ashraf	Civil Engineering	Exploring Hydrologic Science for Engineering Hydraulic Applications: A Review and Future Direction
Teresa Drake	Family and Consumer Science	Implementation of a Campus Garden
Pedram Ghannad	Civil Engineering & Construction	Enhancing Autonomous Robotic Construction Efficiency through Risk-Based Multi-Agent Simulation
Keith Johnson	Biology	Search for new antimicrobial compounds from bacteria collected from Asian carp
Deitra Kuestra	Education	Developing AI Social Assistive Robots to Help Support Child Success: Predicting Meltdowns
Jamie Moon	Biology	Genetic Diversity within and between NW AR populations of the ringed salamander, <i>Ambystoma annulatum</i>
Megan Rimmel	Political Science	At Death's Door: How Who Determines Death Matters
Saratu Terreno	Civil Engineering & Construction	Investigating Scenarios in Construction for Enhanced Human-Robot Work Collaboration.

## Student Engagement Awards - FY23

**Total Applications:** 6

**Total Funding Provided:** \$35,800

<b>Recipients</b>	<b>Department/Unit</b>	<b>Title</b>
G.G. Md. Nawaz Ali	Computer Science & Information Systems	Performance analysis of 5G New Radio and DSRC networks for V2X Communications.
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.
Mohammad Sadat	Computer Science & Information Systems	Quality of Experience (QoE) Model for video streaming applications.
Rachel Vollmer	Family & Consumer Science	Development of a Community Nutrition Undergraduate Research Lab.
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>