

Dr. James F. Stevenson Innovation Award Winners from the 2023 URI Summer Research and Innovation Symposium

Dr. James F. Stevenson Innovation Award: First Prize (\$1,000)

Name: Stuti Mohan

Department: BME/SAET

Project Title: Identifying a Novel Concussion Metric through Foot Tapping Measurement

Faculty Advisor: Chang Yaramothu

URI Program: URI Provost Summer Research Fellowship Program

Dr. James F. Stevenson Innovation Award: Second Prize (\$750)

Name: Melisa Bilgili

Department: Chemical and Materials Engineering

Project Title: Computational Analysis of N8 Stabilized Isolated Single Metal Atom Catalysts for Electrochemical Reduction of CO₂

Faculty Advisor: Joshua Young

URI Program: URI Provost Summer Research Fellowship Program

Dr. James F. Stevenson Innovation Award: Third Prize (\$500)

Name: Rituja Bhattacharya

Department: Electrical and Computer Engineering

Project Title: Trajectory Clustering Analysis for Modelling Human Hand Motion Skills in Robotics

Faculty Advisor: Dr. Cong Wang

URI Program: Heritage Institute of Technology (HIT) Summer Research

Dr. James F. Stevenson Innovation Award: Honorable Mention – Bioscience and Bioengineering (\$100)

Name: Anushri Gupta

Department: Biomedical Engineering

Project Title: Evaluation of Hydrogel Scaffolds for Myocardial Regeneration

Faculty Advisor: Dr. Vivek A. Kumar

URI Program: Heritage Institute of Technology (HIT) Summer Research

Dr. James F. Stevenson Innovation Award: Honorable Mention – Data Science and Management (\$100)

Name: Kevin Diggs

Department: Computer Science

Project Title: Soundly Detecting Memory Leaks in the Linux Kernel

Faculty Advisor: Martin Kellogg

URI Program: URI Provost Summer Research Fellowship Program

Dr. James F. Stevenson Innovation Award Winners from the 2023 URI Summer Research and Innovation Symposium - CONTINUED

Dr. James F. Stevenson Innovation Award: Honorable Mention - Environment and Sustainability (\$100)

Name: Hannah Shahinian

Department: Department of Chemistry and Environmental Science

Project Title: Mercury Sorption in Propanotrophs

Faculty Advisor: Dr. Lijie Zhang

URI Program: NSF Research Experience of Undergraduate (REU) Program for BioSensor Materials for Advanced Research and Technology (BIOSMART) at the Environment/Biotechnology Nexus

Dr. James F. Stevenson Innovation Award: Honorable Mention - Material Science and Engineering (\$100)

Name: Maryom Rahman

Department: Chemical and Materials Engineering

Project Title: Manufacturing a State-of-the-Art Selector Valve for a Miniature Peptide Synthesizer

Faculty Advisor: Sagnik Basuray

URI Program: NSF Research Experience of Undergraduate (REU) Program for Cancer Diagnosis and Therapeutic Intervention

Dr. James F. Stevenson Innovation Award: Honorable Mention - Robotics and Machine Intelligence (\$100)

Name: Vignesh Nethrapalli

Department: Department of Informatics

Project Title: Improving Caption Data Diversity via Mood-Amplification for Audio-Language Tasks

Faculty Advisor: Mark Cartwright

URI Program: Honors Summer Research Institute (HSRI)