

Dr. James Stevenson Innovation Award Winners from the 2024 URI Summer Research and Innovation Symposium

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

Name: Isabella Frangiosa
Department: Mechanical and Materials Engineering
Project Title: Piezoelectric Fingers for Tumor Detection
Faculty Advisor: Dr. Lin Dong
URI Program: REU - Cancer

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

Name: Kara Thompson
Department: Material Science & Engineering
Project Title: Engineering a Multi-Chemistry Mixed Metal Oxide (MCMO) for Chemical Looping Combustion (CLC)
Faculty Advisor: Dr. Kerri Lee Chintersingh
URI Program: URI Provost Summer Research Fellowship Program

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

Name: Sudiksha Sahu
Department: Hillier College of Architecture and Design
Project Title: Optimal Spatial Resolution for Indoor Environmental Quality Measurements
Faculty Advisor: Dr. Hyojin Kim
URI Program: URI Provost Summer Research Fellowship Program

Honorable Mentions

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

Name: Siya Patel
Department: Chemical & Materials Engineering
Project Title: An Angiogenic and Myogenic Self-Assembling Peptide Hydrogel Therapeutic for Peripheral Artery Disease, Bioscience & Bioengineering
Faculty Advisor: Dr. Vivek Kumar
URI Program: URI Provost Summer Research Fellowship Program

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

Name: Keith Anderson
Department: Mathematical Sciences
Project Title: Fast computation of differential geometry operators on discrete surfaces
Faculty Advisor: Dr. Shariar Afkhami
URI Program: URI Provost Summer Research Fellowship Program

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

Name: Vijainee
Department: Civil & Environmental Engineering
Project Title: Flexible solar cell for indoor light energy recovery and reuse, Environment & Sustainability
Faculty Advisor: Dr. Wen Zhang
URI Program: HIT Heritage Institute of Technology

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

Name: Mark Nyevgen
Department: Mechanical & Industrial Engineering
Project Title: Characterization of Mullins Recovery in Filled Rubbers, Material Science & Engineering
Faculty Advisor: Dr. Shawn Chester
URI Program: URI Provost Summer Research Fellowship Program

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

Name: Ciara Adams
Department: BiO-Medical Engineering
Project Title: Assessing Vergence Speed from Virtual Reality System and Vergence Facility as a Potential Biomarker for Concussions, Robotics & Machine Intelligence
Faculty Advisor: Dr. Tara Alvarez
URI Program: Honors Summer Research Institute (HSRI)