## **STEP FY2025 Awardees**

| Applicant                             | School      | Department                             | Project Title   |
|---------------------------------------|-------------|--|---|
| Andres Durantini                      | CAS         | Chemistry                              | Targeting motility as a strategy to combat superbugs  |
| Alaaeldin Elsisi                      | Engineering | Civil Engineering                      | Performance Evaluation of Bridge Barriers Reinforced with Corrosion-Resistant Materials   |
| Rachel Bradley and<br>Vance McCracken | SEHHB       | Psychology                             | Dialogue About Race and Equity (DARE): Instructors' Practices and Perceptions of Incorporating Race, Racism, and Racial Equity in College Biology Courses |
| Amardeep Kaur                         | Engineering | Electrical and<br>Computer Engineering | Study of material characteristics for Next-generation Supercapacitors   |
| Lauren Douglas                        | Nursing     | Nurse anesthesiology                   | Virtual Reality and Nurse Anesthesia Training   |
| Christopher<br>Theodorakis            | CAS         | Environmental Sciences                 | Biochemical Effects (Oxidative Stress) of Sunscreen<br>Toxicity in a Coral Research Model Organism  |
| Graham Slater                         | SEHHB       | Educational Leadership                 | New Societies, New Selves: Rethinking the Education of Desire   |