Psychological & Cognitive Sciences

Psychophysiological Effects of Social Feedback During Social Media Use
Lorena Silva Nunes
Advisor: Richard Lopez

Stress-Dependent Cilia Remodeling in C. elegans
Katelyn Quinn-Cyr
Advisors: Jim Doyle, Inna Nechipurenko

Neural Mechanisms of Social Threat Processing Can Optimize Emotion Regulation Training to Improve Mental Health
Eva Petschek
Advisors: Richard Lopez, Benjamin Nephew

Psychosocial and Biochemical Correlates of Nicotine Administration via Vaping Behaviors
Mira Kirschner
Advisors: Angela Incollingo Rodriquez, Jagan Srinivasan

Building an Inclusive Park for Holden: Understanding Community Needs, Priorities, and Expectations
Samantha Curtis
Advisor: Erin Ottmar

Academic Cheating at the University Level
Samuel Borge, Assumption University
Advisor: Karen Lionello-DeNolf, Assumption University

Learning Lecture Content Through AI-Driven Spaced Retrieval
Olivia Shan, Assumption University
Advisor: Leamarie Gordon, Assumption University

The Role of Active Student Responding in Post-Secondary Education Settings
Ryan Singley, Assumption University
Advisor: Nicole Pantano, Assumption University

Technology, Policy & Sustainability

Evaluating the Feasibility of Repeat Photography as a Service to Monitor the Effects of Climate Change
Mateo Blumenthal
Advisors: Elisabeth Stoddard, Dominic Golding

Design and Evaluation of a Propulsion Aid Device for Folding Wheelchairs
Amanda Borden, Megan Jacene, Stephanie Steriti
Advisors: Elisabeth Stoddard, Sarah Jane Wodin-Schwartz

Designing a Resilience Hub for Vulnerable Populations in Las Carolinas, Puerto Rico
Tara Checko
Advisors: Elisabeth Stoddard, John-Michael Davis

Exploring Value Systems: Māori Perspectives in Scholarly Literature on Mice-Invertebrate Interactions in Aotearoa New Zealand
Laura Romania
Advisors: Elisabeth Stoddard, Leslie Dodson, Ingrid Shockey

Design of an Airborne Particle Concentrator
Lucien Wallace
Advisors: Elisabeth Stoddard, Holly Ault, Sarah Jane Wodin-Schwartz
Integration of Environmental Social Governance (ESG) into Turner Construction Company’s Supply Chain
Eugena Choi, Hannah George, Nicholas Battaglino, Jailyn Medeiros, Adam Tedesco, Dreivone Townsend
Advisors: Elisabeth Stoddard, Laureen Elgert, Laila Abu-Lail, Soroush Farzin, John Lindholm, Jessica Rosewitz

Restoration of the Mill Creek Salt Marsh in Chelsea, Massachusetts
Adam Lepore, Rebekah Mendoza, Joseph Horowitz, Kaleigh Walsh
Advisors: Crystal Brown, Paul Mathisen

Evaluating the Desire for Humanoid Robots in Assisted Living Facilities
Merel Sutherland
Advisors: Derren Rosbach, Pradeep Radhakrishnan

Disparities in Mortgage Denials Based on Race and Debt-to-Income Ratio in Massachusetts and Worcester County
Alexandria Sheehan
Advisors: Alexander Smith, Gbetonmasse Somasse

Mobile App for E-Waste Processors
Cortina Barbieri, Abigail Boafo, Abby Hoschouer, Madeline Mueting, Alyssa Ogi
Advisors: Robert Krueger, Mahamadou Sagna, Lane Harrison

Corridor Study for CT-156 in East Lyme, Connecticut
Lauren Hess, Luna Daury, Michaela Dos Santos
Advisors: Robert Krueger, Suzanne LePage

Climate Change May Affect the Seasonality of Native Silk Moths
Zoë Swartley, Michelle Kirtich
Advisor: Marja Bakermans