

# **Social Science & Policy Studies**

## **POSTER SESSION**

**9:30am to 1:00pm**

**Salisbury Labs 411**

### **Psychological & Cognitive Sciences**

#### **Psychophysiological Effects of Social Feedback During Social Media Use**

Lorena Silva Nunes

Advisor: Richad 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 Boaf, 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

**Financial Resources from the Inflation Reduction Act (IRA) for Boston-Area Concrete Manufacturers to Integrate Environmental, Social, Governance (ESG) Through Turner Construction**

Ellie Burress

Advisors: Elisabeth Stoddard, Laureen Elgert, John Lindholm, Jessica Rosewitz

**BranchBot: Autonomous Quadcopter for Branch Attachment**

Keelan Boyle, Zane Altheimer, Cooper Dean, Andrew Kerekon

Advisors: Robert Krueger, Dmitry Korin, Oren Mangoubi, Andre Rosendo

**Climate Change May Affect the Seasonality of Native Silk Moths**

Zoë Swartley, Michelle Kirtich

Advisor: Marja Bakermans