

Honors Summer Research Fellowships - Summer 2021

Natalie Allen, A&S, Biological Sciences

Project Title: Testing for molecular convergence and selection on gecko opsin genes

Faculty Mentor: Dr. Tony Gamble, Assistant Professor, Biological Sciences – Evolutionary Biology

Shir Bloch, A&S, Political Science, Philosophy, and Applied Mathematical Economics

Project Title: Collegiate Democratic Deliberation: Political polarization as a lens for viewing the “other side”

Faculty Mentor: Dr. Amber Wichowsky, Assistant Chair & Associate Professor, Political Science

Grace Dawson, A&S, Writing-Intensive English and Digital Media

Project Title: Female Agency and Consent in Poems about Sexual Violence in the Middle Ages

Faculty Mentor: Dr. Elizaveta Strakhov, Assistant Professor, English

Abigail Dobbins, HESC, Speech Pathology and Cognitive Science

Project Title: Using the Narrative Scoring Scheme to Characterize Narrative Development in low-income Preschoolers who Speak African American English

Faculty Mentor: Dr. Maura Moyle, Associate Professor, Speech Pathology & Audiology

Macnessa Fidlin, A&S, Biochemistry, Molecular Biology, Philosophy

Project Title: Fluoridated Water Pollutants Effect on *Apis Mellifera Linguistica*”

Faculty Mentor: Dr. Chelsea Cook, Assistant Professor, Biological Sciences – Social Behavior, Neurobiology, and Behavioral Genetics

Ryan Grace, A&S, Biological Sciences

Project Title: The importance of local species interactions to relationships between species diversity and the environment

Faculty Mentor: Dr. Joseph LaManna, Assistant Professor, Biological Sciences – Community and Population Ecology

Lexi Harwick, A&S, Social Welfare & Justice and Psychology

Project Title: Domestic Violence Shelters and Outreach in Non-urban Locations

Faculty Mentor: Dr. Theresa Tobin, Associate Professor, Philosophy

Nick Howard, A&S, History

Project Title: “The History of Milwaukee in 10 Objects” Creative Project Proposal

Faculty Mentor: Dr. Patrick Mullins, Assistant Professor, History

Zelda Kieser, A&S, Philosophy and Cognitive Science

Project Title: Celebrated Author, Maligned Philosopher: Taking Ayn Rand’s Ethical Egoism Seriously

Faculty Mentor: Dr. Gerry Canavan, Associate Professor, English

Pouya Mirzaei, HESC, Biomedical Sciences

Project Title: Investigating a Novel Brain Mechanism for the Treatment of Schizophrenia Symptoms

Faculty Mentor: Dr. M. Behnam Ghasemzadeh, Associate Professor, Biomedical Sciences

Rebecca Odeh, A&S, Biological Sciences

Project Title: Spatial Sequestration of Alpha-Synuclein

Faculty Mentor: Dr. Emily Sontag, Assistant Professor, Biological Sciences – Protein misfolding and disease

Abbi Ouimet, HESC, Biomedical Sciences

Project Title: Sex-specific dysfunction of cognitive and habit circuits underlying opioid self-administration

Faculty Mentor: Dr. Matthew Hearing, Assistant Professor, Biomedical Sciences

Qwanzo Rodriguez, A&S, Philosophy

Project Title: Electronic Monitoring in the Milwaukee County Youth Justice System

Faculty Mentor: Dr. Robert Smith, Harry G. John Professor, History

Heidi Schuler, ENGI, Biomechanics

Project Title: Impact of visual cuesaliency during bimanual visually guided reach-to-grasp

Faculty Mentor: Dr. Leigh Mrotek, Research Professor, Biomedical Engineering

Alyssa Spies, A&S, Criminology & Law Studies and Sociology

Project Title: Impact of Milwaukee's Reentry Council on Recidivism in Milwaukee

Faculty Mentor: Dr. Richard Jones, Assistant Chair & Professor, Social and Cultural Sciences

Aditii Wakhlu, HESC, Biomedical Sciences

Project Title: Role of D1-and D2-receptor prefrontal-accumbens circuits in cognitive flexibility

Faculty Mentor: Dr. Matthew Hearing, Assistant Professor, Biomedical Sciences

Austin Walker, ENGI, Mechanical Engineering

Project Title: Electrode Under Suit

Faculty Mentor: Dr. Philip Voglewede, Associate Professor, Mechanical Engineering

Samuel Wilsdorf, ENGI, Mechanical Engineering

Project Title: Creating a vibration analysis testing system to measure the effect of printing techniques on the dynamic profile of 3D printed parts

Faculty Mentor: Dr. Allison Murray, Assistant Professor, Mechanical Engineering

Gretchen Zirgaitis, HESC, Exercise Physiology

Project Title: 'Long COVID' in College Females Compared to College Males

Faculty Mentor: Dr. Sandra Hunter, Professor, Exercise Science