

Last Name	First Name	Title of Project	Faculty Mentor	Department
Abou-Rass	Noor	Impact of COVID-19 Pandemic on Mental Health of Syrian Refugee Youth in Metro Detroit	Arash Javanbakht	Psychiatry and Behavioral Neuroscience
Adie	Yoseph	Ultrasound and Photoacoustic Imaging for Guidance of Gastric Tube Placement	Mohammad Mehrmohammadi	Biomedical Engineering
Alesawy	Noor	Effects of Photobiomodulation Light Therapy on Traumatic Brain Injury-Induced Opioid Seeking	Alana Conti	Psychiatry and Behavioral Neuroscience
Attisha	Tristan	Directional relationships between brain nodes in schizophrenia recovered by dynamic graphical models	Vaibhav Diwadkar	Psychiatry and Behavioral Neuroscience
Bezanovski	Alexandar	Automation of Quantifying Axonal Loss in Patients with Peripheral Neuropathies through Deep Learning Derived Muscle Fat Fraction	Yongsheng Chen	Neurology
Clora	Kamali	How to Develop a Black Student-Led Infrastructure at a PWI	Kenya Swanson	Academic Success Center
Czeiszperger	Teresa	Controlling the relaxation of cardiomyocytes	Charles Chung	Physiology
Desai	Shreya	Behind the "Runner's High": A systematic review and meta-analysis on the effects of exercise on endocannabinoid levels	Hilary Marusak	Psychiatry and Behavioral Neuroscience
Elalem	Mariam	Urbanization and Environmental Injustice: Water and Air Pollution in the Cities of Detroit and Chicago	Alisa Moldavanova	Political Science
Farook	Zarin	Congresswomen of Color and Support for Compassion Issues in the 116th House of Representatives	Ewa Golebiowska	Political Science
Iqbal	Hasan	Characterization of the Effects of Nanoscale Polymeric Environments on the Light Emission Properties of Self-Assembled Nanomaterials	Aaron Rury	Chemistry
Jaczkowski	Abigail	Identification of Cancer-Specific Transcriptional Enhancers	Benjamin Kidder	Oncology
Karam	Jenna	Art Walk	Danielle Aubert	Graphic Design
Karns	John	Designing Hydroximate Antenna Ligands for Lanthanide-based Luminescence	Matthew Allen	Chemistry
Khan	Humza	Variational characterizations of the determinant of a matrix	Fernando Charro	Mathematics
Lynch	Laura	International Military Intervention Effects on Rebellions	Frederic Pearson	Political Science
Malewicz	Julia	Use of Ibudilast, an Anti-Inflammatory Drug, for Pain and Neuroinflammation after Traumatic Brain Injury (TBI)	Alana Conti	Psychiatry and Behavioral Neuroscience
Mangulabnan	Ryan	Generating Vascular Engineered Tissue with 3D Bioprinting	Howard Matthew	Chemical Engineering and Materials Science
Masha	Amanda	Incorporating Mechanical Degradation in Risk Assessment of Safety-Critical Components of Autonomous Vehicles	Chin-An Tan	Mechanical Engineering
McCabe	Lisa	Practical Tools for Implementing Motor Learning Principles in Dance Technique Training	Hannah Andersen	Dance

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Meram	Emmanuel	Analyses of network topology during memory formation in schizophrenia	Vaibhav Diwadkar	Psychiatry and Behavioral Neuroscience
Mirza	Umme Aiman	Contribution of Sympathetic Nerve Activity to Blood Pressure Regulation in Males and Females	Patrick Mueller	Physiology
Nanaaware	Kalyyane	Effective connectivity analyses of the plasticity of brain networks in schizophrenia during learning	Vaibhav Diwadkar	Psychiatry and Behavioral Neuroscience
Nesha	Nasrin	Ultrasound and Photoacoustic Imaging for Guidance of Gastric Tube Placement	Mohammad Mehrmohammadi	Biomedical Engineering
O'Dea	Marisa	Improving Our Fundamental Understanding of Ozone Atmospheric Chemistry over Metropolitan Detroit, Michigan	Yaoxian Huang	Civil and Environmental Engineering
Pallo	(John) Vince	Soft knockdown of OGT and OGA using gene editing tools CRISPRi and CRISPRa	Charlie Fehl	Chemistry
Paulisin	Shelley	Effects of bullying on anxiety symptoms in adolescents: Parental warmth as a potential buffer	Hilary Marusak	Psychiatry and Behavioral Neuroscience
Rayyan	Savanah	WSU Healthy Minds Study: Is Poor Sleep Associated with Nonsuicidal Self-Injury?	Jeffrey Kuentzel	Psychology
Socrates	Connor	Developing Methods to Use Insect Galls to Detect Organic Contaminants and their Movement in Urban Environments	Glen Hood	Biological Sciences
Solar	David	Synthesis and Biophysical Studies of Cisplatin Analogs with Amino Acid Ligands	Christine Chow	Chemistry
Torres	Melissa	Design of Models, Protocols and Printer Controls for Bioprinting Assembly of Vascular Trees within Capsule Based Modular Tissues	Howard Matthew	Chemical Engineering and Materials Science
Turnbull	Alissa	Targeting high-grade serous ovarian carcinoma cells using recombinant IgA-Fc-folate conjugates	Cecilia Speyer	Surgery
Wairagu	James	Linking Memory-related Functional Brain Connectivity to Individual Differences in Intelligence and Across Development	Noa Ofen	Psychology
Zouani	Yousra	An Investigation of Water Mites' Diet on Mosquitoes	Jeffrey Ram	Physiology