

| <u>Last</u> | <u>First</u> | <u>Title of Project</u> | <u>Faculty Mentor</u> | <u>Faculty Department</u> |
|-------------|--------------|--|------------------------|--|
| Alnabolsi | Amira | Synthesis of Rhenium (I) Complexes for Cathepsin L Inhibition and Cell Imaging Research Problem | Jeremy Kodanko | Chemistry |
| Ang | Nicholas | Characterization of midkine-a function during retinal regeneration after intraocular injection of ouabain in the adult zebrafish | Ryan Thummel | Anatomy and Cell Biology |
| Ansari | Hasan | Using GPUs to improve performance for computationally difficult problems | Loren Schwiebert | Computer Science |
| Arora | Ashi | Extracellular RNA Secretion as an Adaptive Response to Stress in Candida albicans | Robert Akins | Biochemistry and Molecular Biology |
| Bejarano | Chelsey | Development of a Hybrid Braced Frame for Cold-Formed Steel Mid-Rise Construction | Fatmir Menkulasi | Civil and Environmental Engineering |
| Cascardo | Camilla | Analysis of Host-Microbiome Interactions in Obesity | Francesca Luca | Molecular Medicine and Genetics |
| Collette | Emily | Examining the influence of race/ethnicity on attitudes toward sexual assault among college students | Matthew Larson | Criminal Justice |
| Doubrovski | Oksana | Human Trafficking and Medical Education | Heather Dillaway | Sociology |
| Elhage | Kareem | Effects of bilayer curvature on their nanomechanical properties | Peter Hoffmann | Physics |
| Friedrich | Florentine | Mindfulness as a Moderator of the Relationships Among ACES, Depression, and Job-stress in Early Head Start Teachers | Ann Stacks | Psychology |
| Hehr | Aneesh | Evaluation of threat behavior in virtual reality in children with and without histories of trauma exposure | Christine Rabinak | Pharmacy Practice |
| Irani | Sarosh | Optical coherence tomography applied to tests of skin care products in humans | Mohammad Avanaki | Biomedical Engineering |
| Jackowski | Shane | Development of a Controlled Folding of Disulfide Rich Peptides | Jennifer Stockdill | Chemistry |
| Jharia | Ayushi | Utility of Ultrasound and Photoacoustic Imaging for Accurate Catheter Tracking and Temperature Monitoring during Endovenous Laser Ablation | Mohammad Mehrmohammadi | Biomedical Engineering |
| Kahil | Ali | General Henri Mathias Berthelot: The Savior of Romania | Aaron B. Retish | History |
| Kalinowski | Adrian | Parallel Approximation Algorithms for Knapsack Problems with Applications to Cloud Computing | Daniel Grosu | Computer Science |
| La Bruzzy | Natalie | Niello Fusion Inlaid Metal Alloy Development | Evan Larson-Voltz | Art and Art History |
| Luyet | Chloe | Predicting the Environmental Fate of Perfluorocarboxylic Acids | Jeffrey Potoff | Chemical Engineering and Materials Science |
| Malik | Mohsyn | An Electroconvulsive Therapy (ECT) Study: Theta-Gamma Coupling between MTL and PFC Regions during Memory Encoding in Children | Noa Ofen | Psychology |
| Manimalethu | Ria | Effects of attentional context and stimulus valence on cortical-limbic responses in patients with borderline personality disorder | Vaibhav Diwadkar | Psychiatry & Behavioral Neurosciences |
| Mulbauer | Greta | Photocrosslinking Effects on Mechanical Properties of GAG Hollow Fibers | Howard Matthew | Chemical Engineering and Materials Science |

| <u>Last</u> | <u>First</u> | <u>Title of Project</u> | <u>Faculty Mentor</u> | <u>Faculty Department</u> |
|-------------|--------------|---|------------------------|---|
| Nitta | Manon | Reconciling the Functional with the Aesthetic | Lisabeth Hock | Classical and Modern Languages, Literatures, and Cultures |
| Palani | Keerthana | Utility of Ultrasound and Photoacoustic Imaging for Accurate Catheter Tracking and Temperature Monitoring during Endovenous Laser Ablation | Mohammad Mehrmohammadi | Biomedical Engineering |
| Patel | Dhruvil | The Implications of Culture on the Positive and Adverse Effects of Parental Pressure on the Academic Setting | Zachary Brewster | Sociology |
| Purkayestha | Sharmi | Mindfulness as a Moderator of the Relationships Among ACES, Depression, and Job-stress in Early Head Start Teachers | Ann Stacks | Psychology |
| Ramesh | Sruthi | Correlation Between Individual Variability in False Memory and Variability in Structural Components of the Hippocampus | Noa Ofen | Psychology |
| Roache | Patrick | Waltzing with Chekhov: Integrating Social Dance with Chekhov Technique in the Pursuit of Fostering Honest Relationships in Performance | Jill Dion | Theatre and Dance |
| Royzenblat | Sonya | Does light affect circadian activity of the cave beetle <i>Ptomaphagus hirtus</i> ? | Markus Friedrich | Biological Sciences |
| Smith | Jason | Black, Blue and Blow: The Impact of Rac and Criminality on Perceptions of Police Violence | David Merolla | Sociology |
| Wielbinski | Alex | Effect of TTF Concentration, Applied Overpotential, and Duration of Overpotential on the Growth and Characteristics of TTF Crystals on Gold Substrate | Guangzhao Mao | Chemical Engineering and Materials Science |
| Wortley | Lindsey | Examining the Influence of Gender and Sexuality on Attitudes toward Sexual Assault among College Students | Matthew Larson | Criminal Justice |