Honors Student Enrichment Grant

2021-22  2020-21  2019-20  2018-19

2021-22

Darcy Bonds, Horticulture - Attending ASABE annual conference in Houston, TX - Faculty mentor: Jacek Koziel, Project name: Can soil smell tell us more soil condition and soil health-promoting practices?

Jazmine Edwards, Event Management - Attending Tourism, Hospitality, and Event Conferences for Researchers, Educators, Practitioners, and Students - Faculty mentor: SoJung Lee, Project name: Club members' Value Co-creation: Group Identity, Psychological Ownership, and Satisfaction

Julianna Hernandez, Animal Exology - Attending National Conference on Undergraduate Research - Faculty mentor: Amy Toth, Project name: How Does Octopamine Affect Aggression in the Social Wasp Polistes metricus?

Jace Leininger, Kinesiology and Health - Attending the North American Society for the Psychology of Sport and Physical Activity conference - Faculty mentor: Spyridoula Vazou, Project name: Childhood Physical Activity Experiences and Affective Attitudes During Adulthood

Ben Litterer, Data Science - Travel for 2022 Biophysical Society Annual Meeting - Faculty mentor: Robert Jernigan, Project name: An Improved Computational Approach to Predict HIV Protein Functions

Benji Pellizzari, Business Analytics - Attending Tourism, Hospitality, and Event Conferences for Researchers, Educators, Practitioners, and Students - Faculty mentor: SoJung Lee, Project name: Club members' Value Co-creation: Group Identity, Psychological Ownership, and Satisfaction

Danielle Robinson, English - Attending National Conference on Undergraduate Research - Faculty mentor: Linda Shenk, Project name: Co-Creating Knowledge: How Narrative Gaps Give Space For Collaborative Play

Isaiah Sents, Apparel, Merchandising & Design - Fees associated with the publication of his co-authored article in the journal FASHION THEORY - Faculty mentor: Kelly Reddy-Best, Project name: Des Moines Gay Men's Chorus, Queer Spaces, Collective Styles, and Activist Dress, 1984-Present

Henry Thomas, Chemistry - Attending National Conference on Undergraduate Research - Faculty mentor: Wenyu Huang, Project name: Method Optimization for the Synthesis of Novel Covalent Organic Frameworks
2020-21

Darcy Bonds, Horticulture - Participation in the National Conference on Undergraduate Research - Faculty mentor: Jacek Koziel; Project name: Improving the sustainability of animal and crop production agriculture: evaluation of biochar-swine manure mixture impact on soil nutrient availability and plant uptake

William Crow, Biology - Participation in the National Conference on Undergraduate Research - Faculty mentor: Clark Coffman; Project name: Creating a transgenic drosophila line expressing mRFPruby in primordial germ cells

Elizabeth Cuvelier, Elementary Education - Participation in the National Conference on Undergraduate Research - Faculty mentor: Jacob Meyer; Project name: Mental health among college athletes

Haley Dostalik, Genetics - Participation in the National Conference on Undergraduate Research - Faculty mentor: Caroline Lawrence-Dill; Project name: Functional annotation of the grape genome

Jacob Gasper, Architecture - Participation in the National Conference on Undergraduate Research - Faculty mentor: Shelby Doyle; Project name: Architectural clay formworks

2019-20

Elea Kaptain, English Education / Spanish Education - Presentation at the International Writing Center Association Conference, Columbus, OH, October 2019 - Project Title: Tutorial Alliance and Session Success with Non-native English Speakers in the Writing and Media Center; Project advisor: Joseph Cheatle

Nikita Kozak, Mechanical Engineering / Mathematics - Presented at the National Collegiate Research Conference, Boston, MA, January 2020 - Project Title: Application of Machine Learning, DEA and a Recommendation System for Intermittent Material Planning; Project advisor: Meltem Denizel-Karakaya

Benjamin Litterer, Data Science - Presented at the Biophysical Society Annual Meeting, San Diego, CA, February 2020 - Project Title: Using Sequence Structure Information to Annotate Gene and Protein Function; Project advisor: Robert Jernigan

Abigayle Moser, Aerospace Engineering - Presentation at the American Physical Society Division of Fluid Dynamics in Seattle, WA, November 2019 - Project Title: Effect of Complex Terrains on Wind Energy Production; Project advisor: Luciano Castillo, Purdue University
David Reynolds, Mechanical Engineering - Presented at the National Collegiate Research Conference, Boston, MA, January 2020 - **Project Title:** Maternally Administered Naltrexone and Its Major Active Metabolite 6β-Naltrexol Transport across the Placental Barrier In Vitro; **Project advisor:** Nicole Hashemi

Sara Ronnkvist, Statistics - Presentation at the Population Association of America Annual Meeting, April 2020 - **Project Title:** The Effects of Climate Variability on Fertility in Sub-Saharan Africa; **Project advisor:** Brian Thiede, Penn State University

### 2018-19

**Jacqueline Ehrlich (Biochemistry)** - Presentation at the National Council on Undergraduate Research - **Project title:** Characterization of XXT1 Modes of Substrate Binding and XXT5 Structure-solubility Relationship Using Site-directed Mutagenesis; **Project advisor:** Olga Zabotina, Biochemistry Biophysics and Molecular Biology

**Richard Gardner (Kinesiology)** - Presentation at the Experimental Biology research conference - **Project title:** Two-Weeks of Remote Ischemic Preconditioning Alters Sympathovagal Balance; **Project advisor:** James Lang, Kinesiology

**Austin Hanus (Computer Engineering)** - Research presentation in Tokyo, Japan - **Project title:** A Collaborative Virtual Reality Escape Room with Passive Haptics; **Project advisor:** Eliot Winer, Virtual Reality Applications Center

**Audrey Uridil (Nutritional Sciences - Pre-Dental)** - Attendance at the Experimental Biology research conference - **Project title:** Duration of Remote Ischemic Preconditioning on the Skin Microvascular Response to Local Heating; **Project advisor:** James Lang, Kinesiology