



Eckardt Scholars

2022 Students



Emily Baker

Mathematics and Finance

Honors Project: Bethlehem housing rental market case study - a statistical and qualitative analysis on top price contributors and the markup of student housing



Michael R. Capone

Political Science and Anthropology

Honors Project: The Legal and Ethical Impacts of Transgender Athletes on Women's Sports



Hiwot Demelash

International Relations and Health, Medicine, and Society

Honors Project: Does Ethnic Federalism Promote Peace in Ethiopia?



Sara Moran

Biology and Health, Medicine, and Society

Honors Project: The diagnosis of an anxiety disorder and coping styles during the COVID-19 pandemic



2022 Students



Annabelle Sharenow

Economics and minors in Marketing and Graphic Design

Honors Project: Personal Design Portfolio Website Development and Restaurant Rebrand



Adrian Suarez

Theatre and minor in Global Studies

Honors Project: Caramel King: A Stand-Up Comedy Special

2021 Students



Leah Canel

Theatre, Focus: Theatre for Social Change

Honors Project: Researching, writing and performing a piece of original theatre based on Charlotte Salomon's masterpiece work



August Eurich

Economics

Honors Project: The Business of YouTube: How Video Creators Make a Living from their Bedroom



2021 Students



Lauren Furst

Pharmaceutical Chemistry and minors in
HMS, Music and Biology

Honors Project: Developing a Tumor-Selective Antibody Fc
Region to Redirect the Immune System to Attack Cancer
Cells



Noah Jalango

Journalism with minors in Entrepreneurship
and Music Industry

Honors Project: The Evolution of Grime Music and Its Journey
to Mainstream America



Keenan Overa

International Relations/Chinese/Russian

Honors Project: Likely related to Russia and the geopolitics of
the arctic given the conditions of global warming



Jordan Wolman

Journalism with minors in Psychology and
Political Science

Honors Project: Correlation Between Partisanship in the
Media and Polarization in Government



2020 Students



Antoniou Boariou



Russell Caratenuto III

Molecular Biology

Honors Project: Investigating Synaptic Defects in a *Drosophila* model of Muscular Dystrophy



Cassidy Drost

Biology

Honors Project: Ukweli Test Strips: Integrating a Low Cost Medical Device in Sierra Leone



Ellen Huhulea



2020 Students



Mariah Matias

Earth and Environmental Sciences

Honors Project: SfM (Structure from Motion) Photogrammetry of Seneca Army Depot: Analysis of Seneca White Deer Habitat and Population



Jacob Regler



Sianin Spaur

2019 Students



Omar Ahmed

Physics and Computer Science

Honors Project: The effects that a knocked-down delta receptor can have on gene expression in the model organism, *Nematostella vectensis*



2019 Students



Alissa Balke

Behavioral Neuroscience

Honors Project: Literature review to investigate three topics; what information is currently available on how regulation of prescription opioids impacts addiction and subsequent health, how hospitals regulate opiates in comparison to other drugs (such as antibiotics), and can it be done better?



Mary Dethero

Astrophysics with minor in Applied Mathematics

Honors Project: Modeling Stellar Density in the Milky Way Galaxy



George Halal

Physics with minor in Applied Mathematics

Honors Project: Machine Learning Algorithms for Analyzing Heavy-Ion Collisions at the STAR experiment



Jafer Hasani

Pre-dental - Biology

Honors Project: Fulfilling a Niche: Patient Recruitment for Dental Board Examinations



2019 Students



Patrick Horn

Behavioral Neuroscience and Health,
Medicine, and Society

Honors Project: Investigating intentional forgetting of trait
inference



Michael Ioannou

Economics and Psychology

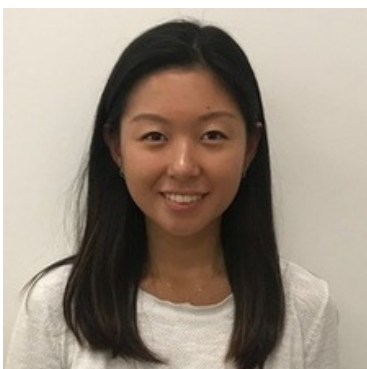
Honors Project: How Reward Influences Attention



Jasper Jeffrey

Molecular Biology and Philosophy

Honors Project: Probing the coevolutionary relationship of
Saccharomyces cerevisiae and yeast killer virus



Katherine Jo

Behavioral Neuroscience

Honors Project: Traumatic Brain Injury: Novel Methods for in
Vitro and in Vivo Assessment of Drug Candidates



2019 Students



Brooke Lichak

Biochemistry

Honors Project: Impact of Prophage Expression on Antibiotic Sensitivity in a Lysogen from Mycobacteriophage Butters



Emily Mailhot

Astrophysics

Honors Project: The Sayre Observatory and The History of Astronomy at Lehigh



Jason Mak

Economics and minors in Business and Political Science

Honors Project: Squeezing Every Last Drop: Recovering and Valorizing Waste for Sustainability at the Energy-Water Nexus



Ian Mason

Biochemistry and Political Science



2019 Students



Bailey McDonald

Political Science and Anthropology

Honors Project: Understanding Voter Habits and Political Ideology in South Bethlehem, Pennsylvania



Ashini Patel

Pharmaceutical Chemistry and minor in Philosophy

Honors Project: Synthesis of a Ruthenium terpyridine ligand for catalysis



Jake Shilan

Biology and minor in Religion

Honors Project: Angiogenesis in Zebrafish



Sarah Stankus

Earth and Environmental Science and English

Honors Project: Identifying Sources of Lead in the Lehigh River



2019 Students



Rachel Swope

Biology

Honors Project: A history of Lehigh's Marching 97



Ana Walker

International Relations and Economics

Honors Project: Is gender inequality a predictor of intrastate terrorism?