

# Celebration of Faculty Achievement

**Celebrating the extraordinary efforts of Ursinus faculty who applied to external grant opportunities through corporations, foundations and government entities.**

## MAY 2019:



**Amanda J. Reig**  
Chemistry Department  
The Camille & Henry Dreyfus Foundation  
Dreyfus Lectureship: Amy L. Prieto, Colorado State University



**Casey Schwarz**  
Physics and Astronomy Department  
National Science Foundation  
EAGER: Collaborative Research: Implications of chalcogenide glass processing and deposition on the formation and stability of photosensitive thin films

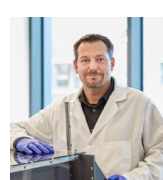


**Patrick Hurley**  
Environmental Studies Department  
Pennsylvania Association of Conservation Districts  
The Ursinus Food Forest at the Whittaker Environmental Research Station (WERS)

## JULY 2019:



**Rebecca Roberts**  
Biology Department  
National Science Foundation  
Collaborative Research: Using protein function prediction to promote hypothesis-driven thinking in undergraduate biochemistry education



**Stephen Kolwicz Jr.**  
Health and Exercise Physiology Department  
American Heart Association  
The Effects of Ketogenic Diets on Cardiac metabolism and Function

## AUGUST 2019:



**April Carpenter**  
Health and Exercise Physiology Department  
American Heart Association  
Deciphering the Fundamental Mechanisms Underlying the Benefits of SGL2 Inhibition in Heart Failure



**Denise Finney**  
Biology Department  
United States Department of Agriculture  
Leveraging Diversity to Increase Carbon Storage in Agroecosystems



**Seamus Mulryan**  
Education Department  
John Templeton Foundation  
How Courageous is Intellectual Humility?



**Paul Stern**  
Politics and International Relations Department  
Jack Miller Center  
The Freedom, Citizenship, and Equality Seminar

## SEPTEMBER 2019:

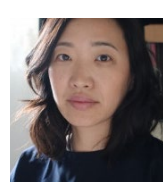


**Bailey Anderson**  
Theater and Dance Department  
National Endowment for the Humanities  
Disability in Early United States Modern Dance

## OCTOBER 2019:



**Ryan Walvoord**  
Chemistry Department  
Organic Synthesis  
Synthesis of Aminofluorophores via the Smiles Rearrangement



**Chisu Teresa Ko**  
Modern Languages Department  
American Council of Learned Societies  
ACLS Fellowship Program 2020



**Denise Finney and Cory Straub**  
Biology Department  
Northeast SARE  
Living Mulches for Small-Scale Intensive Vegetable Production

## NOVEMBER 2019:



**Casey Schwarz**  
Physics and Astronomy Department  
National Science Foundation  
Collaborative Research: Quantifying 3-Dimensional Microstructural Evolution in Chalcogenide Nanocomposites Enabling Morphological Design of Advanced Infrared Optical Functionality



**Jasmine Harris**  
Anthropology and Sociology Department  
Russell Sage Foundation  
Academic Wages: Revenue, Student-Athletes, and Academic Success



**Lew Riley**  
Physics and Astronomy Department  
National Science Foundation  
RUI: Shell Structure and Collective Excitations in Exotic Nuclei



**Thomas Carroll**  
Physics and Astronomy Department  
National Science Foundation  
Collaborative Research: Quantum Dynamics and Control with Ultracold Rydberg Atoms

## DECEMBER 2019:

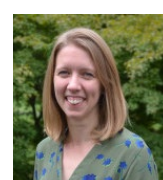


**Rebecca Roberts**  
Biology Department  
National Science Foundation  
Collaborative Research: Using protein function prediction to promote hypothesis-driven thinking in undergraduate biochemistry education

## JANUARY 2020:



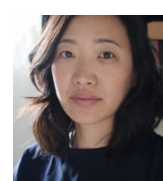
**Patrick Hurley and Kate Keppen**  
Environmental Studies and Sustainability Departments  
Pennsylvania Department of Education  
Environmental Sustainability Using Artificial Intelligence



**Sam Wilner**  
Chemistry Department  
Kaufman Foundation  
A Modular Approach Toward Controlling Stability of Oligonucleotide Stabilized Lipid Micelles



**Denise Finney**  
Biology Department  
United States Department of Agriculture  
Decision Support to Reduce the Nitrogen Yield Gap in Organic Agriculture



**Chisu Teresa Ko**  
Modern Languages Department  
University of Maryland- Baltimore  
Inclusion Imperative Fellowship

## MARCH 2020:

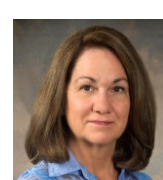
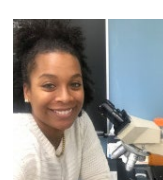


**Ryan Walvoord**  
Chemistry Department  
American Chemical Society  
Understanding Structure-Brightness Relationships in Coumarins Functionalized with Heteroatom-Based Donors

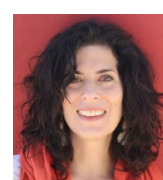


**John Spencer**  
Education Department  
Project Pericles  
Periclean Faculty Leadership Program

## APRIL 2020:



**Simara Price and Kate Goddard**  
Biology Department  
National Science Foundation  
Supporting Inclusive Excellence II: Scholarships for Biology, Biochemistry and Molecular Biology at Ursinus College



**Deborah Barkun**  
Art and Art History Department  
Kinkade Family Foundation  
Katie Merz: Live the Questions (2020)