

2019 Faculty Grant Awardees

In 2019, six projects were funded from a pool of 29 diverse proposals, based on programs' anticipated scaling of and access to authentic research experiences as well as program sustainability:

1. **Susan Whitehead, Biological Sciences- \$15,000** to develop a new CURE in field ecology that centers on student-designed independent research projects. Over the course of a semester, students explore natural history, design their own projects, collect ecological data at local field sites, conduct statistical analyses, write a manuscript, and participate in peer reviews.
2. **Abby Walker and Katie Carmichael, English- \$15,000** to upscale independent research in Linguistics through a capstone course. Office of General Education shared support for this project as it is part of a Pathways Minor, in the amount of \$10,000.
3. **Debby Good and Angela Anderson, HNFE- \$12,300** to offer a CURE in Genotype/Phenotype Analysis with students in Metabolic Nutrition, potentially exposing 750 HNFE undergraduates to authentic research projects and results/data.
4. **Joseph Merola and Diego Troya, Chemistry- \$13,000** to develop a scaffolded/tiered portal for undergraduate research experiences in the Molecular Sciences, with students beginning research early - in their first year.
5. **Carrie Kroehler and Patrician Raun, Ctr for Communicating Science- \$14,000** for development and delivery of a pilot communicating science course for undergraduate students, which was piloted with summer undergraduate student researchers.
6. **Anne Brown, Jonathan Briganti, Andrea Ogier, Nathaniel Porter, University Libraries- \$7,000** to support a new program being proposed and piloted, DataBridge: An Interdisciplinary, Data-Centric Experiential Program for Undergraduate Students, which aims to provide experiences for student consultants to assist in data-driven research, instruction, and utilization stemming from clients across the Virginia Tech community.

The operational period for the grants was January through June, 2019.