

2019-20 Undergraduate Research Faculty Grant Awardees

In Spring 2020, seven projects were funded as part of the Undergraduate Research Faculty Grant Program based on programs' anticipated scaling of and access to authentic research experiences as well as program sustainability:

1. **James Jewitt, SOVA**- \$6,700 to support student research in Washington D.C. for capstone projects in the Pathways Visual Arts Minor.
2. **John P Gannon II, FREC**- \$10,000 to create a stream monitoring station in partnership with the town of Blacksburg to facilitate independent and course-based undergraduate research experiences.
3. **Debby Good and Angela Anderson, HNFE**- \$4225 to further develop a CURE in Genotype/Phenotype Analysis with students in Metabolic Nutrition, potentially exposing 750 HNFE undergraduates to authentic research projects and results/data.
4. **Kereshmeh Afsari, Myers-Lawson School of Construction**- \$10,000 to establish student access to undergraduate research opportunities in construction robotics.
5. **E. Scott Geller, Psychology**- \$9,981 to develop, deliver and evaluate a new interdependent Course-embedded Undergraduate Research Experience in applied behavioral science (ABS) and positive psychology by student-led research projects examining situational determinants of gratitude expression and assessing its influence on subjective well-being (SWB).
6. **John Chermak, Geosciences**- \$9,500 to redesign and pilot a traditionally lecture-based Environmental Geosciences course to include a data compilation, collection, and interpretation research project which will allow the diverse student base to get access to an undergraduate research experience.
7. **Alan Michaels, Hume Center**- \$10,000 to expand /bridge the Center's research offerings to include non-STEM students in multi-disciplinary teams working on a project involving Use and Abuse of Personal Information.

The operational period for the grants was January through June, 2020.