



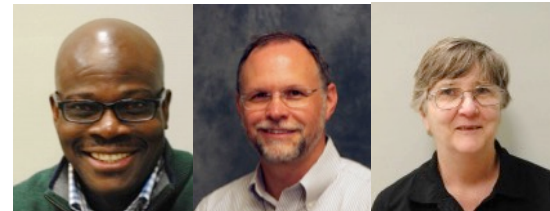
National Science Foundation S-STEM Award #1833781

- S-STEM: **Scholarships** in Science, Technology, Engineering, and Mathematics

PI – Josephine Rodriguez (Biology)



Co-PIs Floyd Beckford (Chemistry)
Bruce Cahoon (Biology)
Margie Tucker (Biochemistry)



Inspiration: Our talented UVA-Wise students who face obstacles to completing degrees in STEM fields due to their socio-economic status.

\$650,000.00 grant

Funding Period: August 2019 – July 2024



- 12 students may receive \$5000.00 per year for four years
- 13 transfer students may receive \$5000.00 per year for 2 ½ years

The Award was Made to Test The Efficacy of Six Approaches to Retaining Financially Needy Students in STEM Fields and Prepare Them for Graduate School or the Work Force

- 1) Freshmen and Transfer Success Coaching
- 2) General Chemistry Coaching
- 3) Close Faculty Mentoring
- 4) Writing in the Natural Sciences
- 5) Research Experiences
- 6) STEM-Based Industry Summer Internship Program

National Science Foundation is “betting” on us

We are establishing a new track record of managing a federal project of this type.

The largest NSF award to UVA-Wise

Highly competitive program: 500 proposals ~75 awards

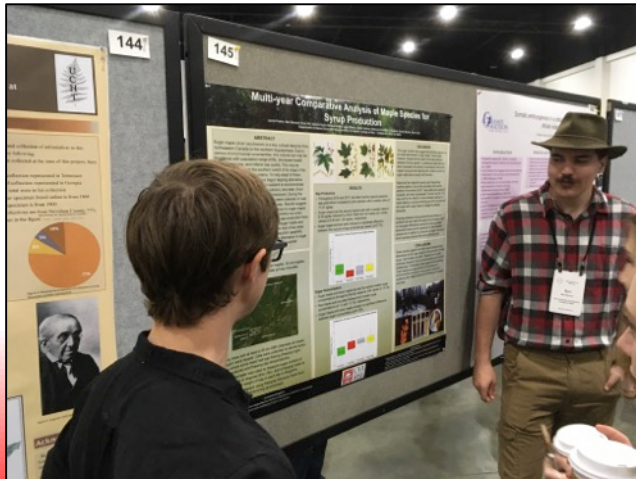
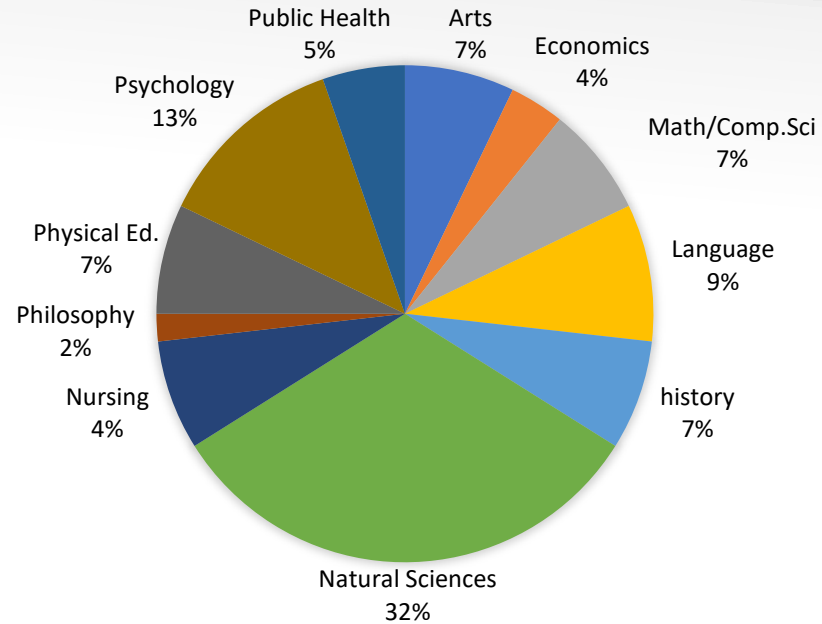
Implementation (the PI and co-PIs)

- The implementation of a five year grant of this magnitude, including this many participants, will require the help of administrative assistant(s).
- The College administration is in the process of identifying resources for a full time administrative assistant to support the Department of Natural Sciences.

Undergraduate Research at UVa-Wise

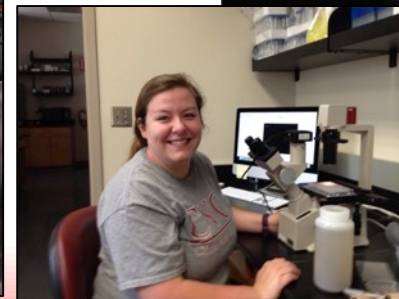
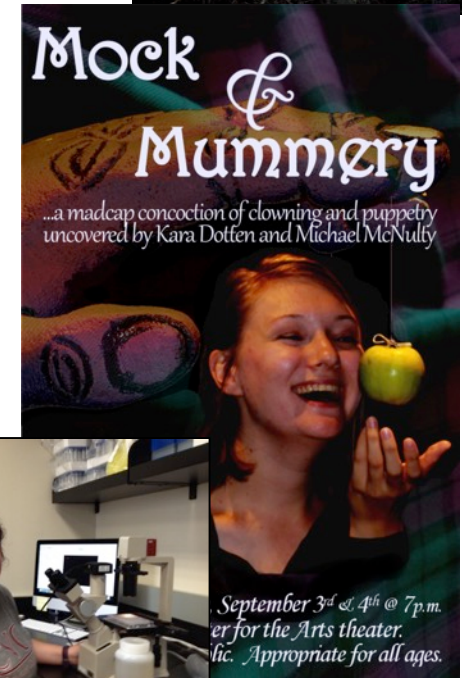
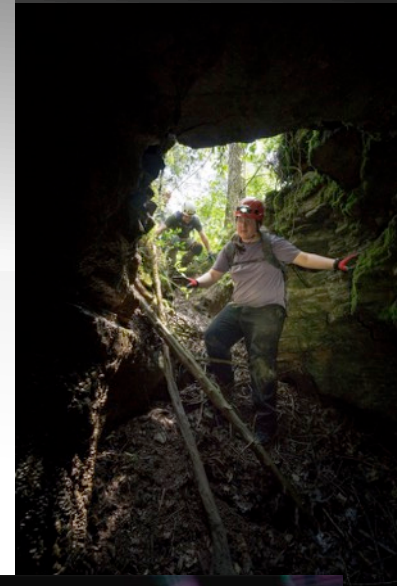
The Liberal Arts Advantage

'17/'18, 126 Student Research Presentations at Regional/National/International Conferences



Student Research Funding

- Fellowship in the Natural Sciences
 - Competitive program that supports up to 10 students each summer.
- Summer Scholars Program
 - Support for humanities research/activities



UVA's Center for Global Health

- In conjunction with UVA-Wise Healthy Appalachia Institute
- 1-3 of our students join study groups from UVA during the summer to study rural health concerns in other countries.

- South Africa
- Ghana
- San Lucas

2017



2018



Logan

Rion