

Three National Science Foundation Grants

UVA-Wise is Nationally Competitive



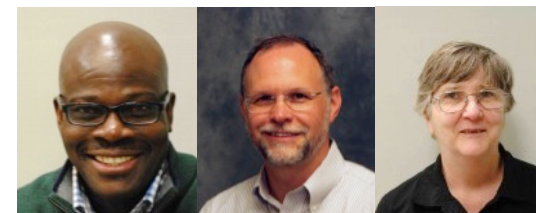
National Science Foundation S-STEM Award #1833781

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

PI – Josephine Rodriguez (Biology)



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



The largest NSF award to UVA-Wise
Highly competitive program: 500 proposals ~75 awards

\$650,000.00 grant
\$410,000.00 funds student scholarships

2019 UVA-Wise S-Stem Cohort



9 Students
6 first year students
3 transfer students



National Science Foundation ADVANCE Award #1935889

- ADVANCE: Organizational Change for Gender Equity in STEM Academic Professions
 - “Awards to develop systemic approaches to increase the participation and advancement of women in academic STEM careers”
- Goal - Develop and implement strategies to promote gender equity and systemic change in STEM disciplines among COPLAC institutions.
 - \$1,012,194 distributed across five institutions.



PI and
lead institution



Co-PI



Co-PI



Co-PI



Co-PI Josephine Rodriguez (Biology)





National Science Foundation ADVANCE Award #1935889

- Professor Rodriguez will train and empower administrators and chairs (AKA “influencers”) to problem solve and create equity goals.
 - Provide training at annual COPLAC, Conference on Undergraduate Research (CUR) biennial, and AAC&U meetings
- Professor Rodriguez will be an Affinity Group Leader
 - Form facilitated virtual professional affinity groups among COPLAC faculty.



National Science Foundation MRI Award #1919491

- MRI: Major Research Instrumentation Grant to purchase an ultra-centrifuge

PI – Bruce Cahoon (Biology)



Co-PIs Floyd Beckford (Chemistry)
Michael Shell (Biology)



Highly competitive program: 805 proposals ~140 awards



National Science Foundation MRI Award #1919491

\$83,000.00 to purchase an ultra-centrifuge

Basic piece of equipment found in biology and chemistry research facilities

- Will replace an existing centrifuge that is ~35 years old and no longer serviceable

These awards are based on research capability and potential

