

Minority Science and Engineering Improvement Program



Federal Funding Opportunities to Enhance HBCU Competitiveness

2018 National HBCU Week
Conference

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Dr. Bernadette Hencé
Senior Program Manager,
Minority Science and Engineering
Improvement Program
U.S. Department of Education



MINORITY SCIENCE AND ENGINEERING IMPROVEMENT PROGRAM

PURPOSE

- To effect long range improvements in the science and engineering education programs of predominantly minority institutions
- To increase the participation of underrepresented ethnic minorities, particularly minority women, into science and technological careers



Minority Science and Engineering Improvement Program

Supports:

- **Stipends for eligible participants**, tutoring in STEM courses; building research skills; special STEM seminars; etc.
- **Pre-college STEM programs**, K – 12 (students and teachers);
- **Curriculum Development** (STEM fields);
- **Renovation of STEM labs/ classroom**
- **Faculty Development** (STEM), e.g., research; professional development; sabbaticals; etc.

Does Not Support:

- **Scholarships** for students
- **New Construction** projects



MINORITY SCIENCE AND ENGINEERING IMPROVEMENT PROGRAM



MSEIP supports providing students with additional research skills and tutoring in STEM fields.



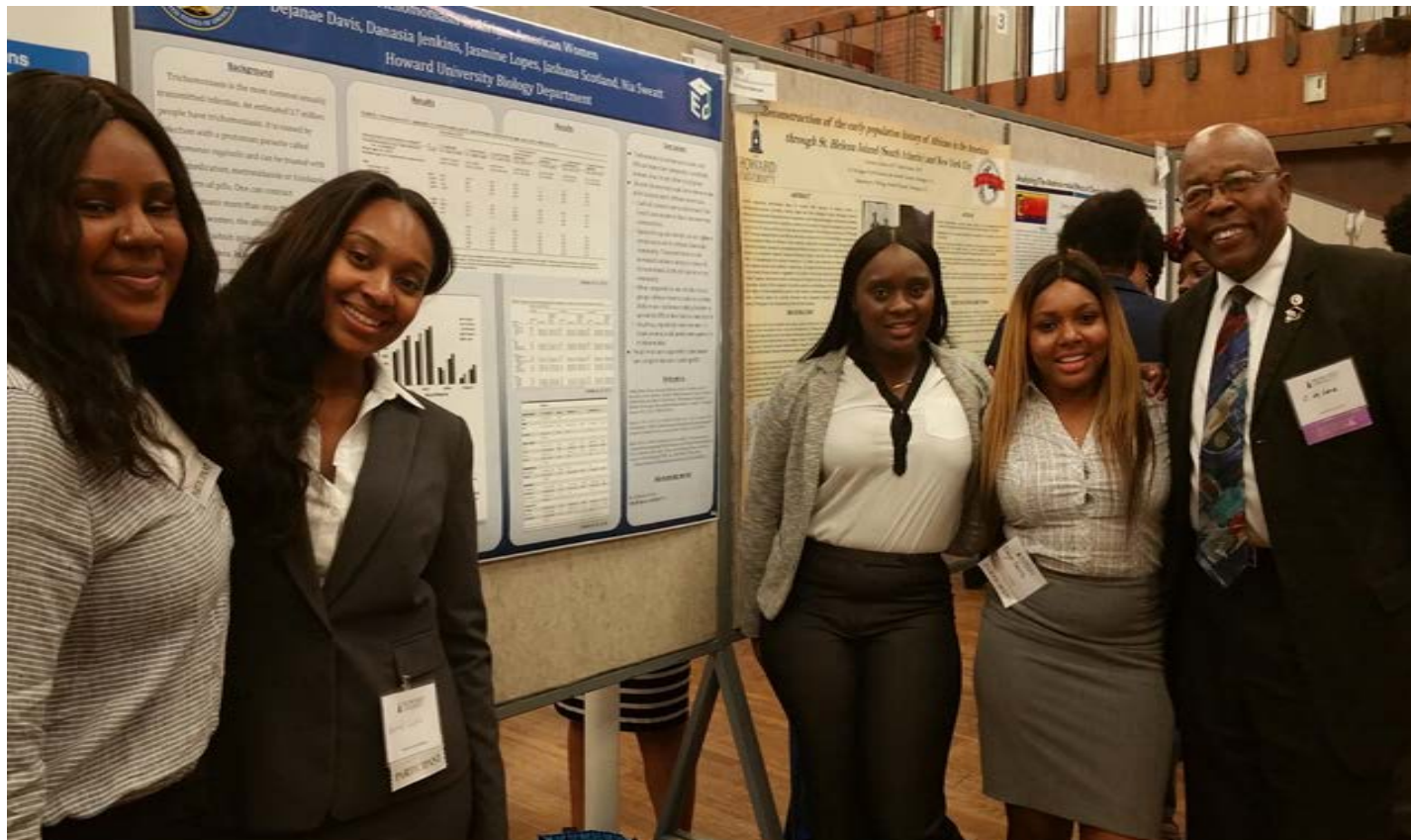
MINORITY SCIENCE AND ENGINEERING IMPROVEMENT PROGRAM



MSEIP supports providing special STEM seminars for students.



MINORITY SCIENCE AND ENGINEERING IMPROVEMENT PROGRAM



MSEIP provides support for students' participation and preparation in POSTER SESSIONS.



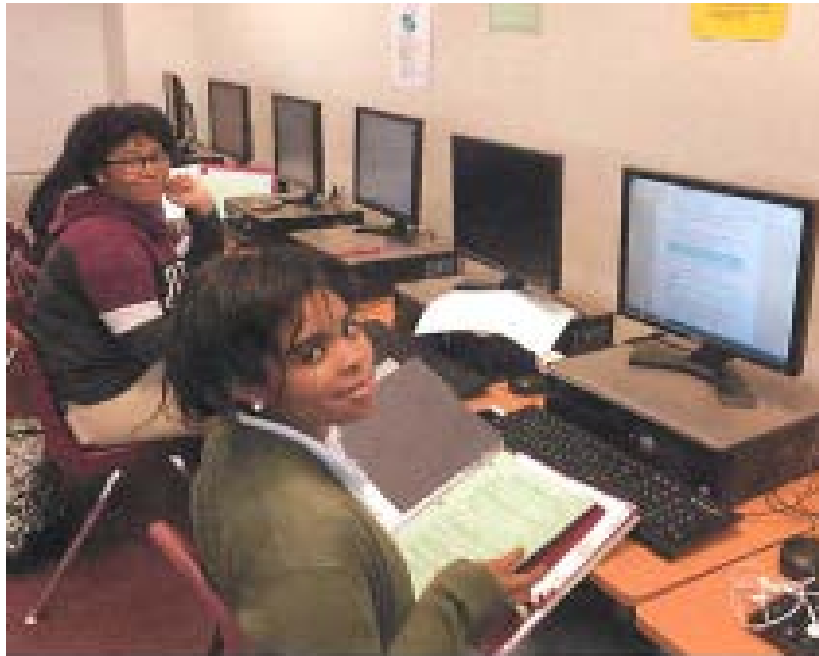
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MSEIP supports PRE-COLLEGE programs to increase minority students' interest and preparedness to enter STEM programs.



MINORITY SCIENCE AND ENGINEERING IMPROVEMENT PROGRAM



MSEIP supports the development of authentic classroom and field-based experiences that serve to build female students' interest in STEM disciplines.



MINORITY SCIENCE AND ENGINEERING IMPROVEMENT PROGRAM

MSEIP supports a variety of pathways to help build capacity and competitiveness in STEM disciplines at institutions.

- (1) Collaborations with Federal agencies and non-Federal organizations to enable faculty members to perform research in laboratories and at other research sites;
- (2) Collaborations between grantees and other institutions of higher education to allow faculty members to perform research with equipment that is not available on the home campus;



MINORITY SCIENCE AND ENGINEERING IMPROVEMENT PROGRAM

MSEIP supports a variety of pathways to help build capacity and competitiveness in STEM disciplines at institutions. (Continued)

- 3) Faculty/student STEM teams that may conduct research at a research site;
- 4) Partially or fully paid sabbaticals that allow STEM faculty members to conduct research at a research site; and
- 5) Release time for faculty members to conduct research at their home institutions.



MINORITY SCIENCE AND ENGINEERING IMPROVEMENT PROGRAM GRANT

Multiple Applications:

An applicant **may submit more than one application** as long as each application describes a different project.

Grant Awards:

Institutional Projects:

Special Projects:

\$250,000 per year, for a maximum of 3 years

Total = \$750,000 maximum

Cooperative Projects:

\$300,000 per year, for a maximum of 3 years

Total = \$900,000 maximum



MINORITY SCIENCE AND ENGINEERING IMPROVEMENT PROGRAM GRANT

**Interested in being a
reviewer or applying for this
STEM GRANT?**

CONTACT:

Dr. Bernadette M. Hence

**Senior Program Manager,
Minority Science and Engineering
Improvement Program**

Office of Postsecondary Education

Email: Bernadette.Hence@ed.gov

Office: (202) 453.7913