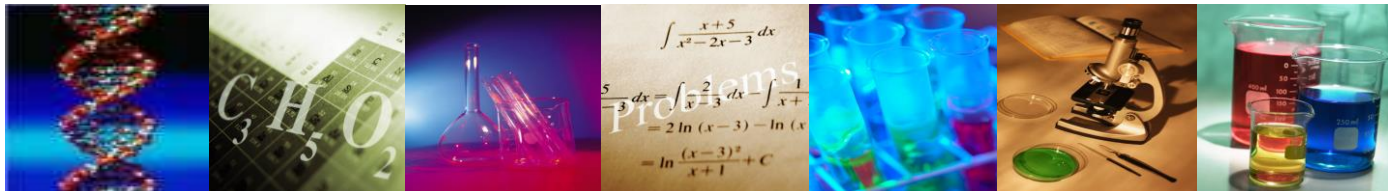


SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM) ACADEMIC YEAR RESEARCH TRAINING PROGRAM

Sponsored by the National Science Foundation HBCU-UP Program



PURPOSE

- ♦ To academically prepare STEM undergraduates to enhance their competitiveness both scientifically and professionally for successful transition into STEM graduate programs
- ♦ Allow STEM undergraduates to learn about professional careers/opportunities in STEM
- ♦ Provide training in research methodology through “hands-on-experience” with emphasis in the areas of nanobiotechnology and bioengineering to motivated STEM undergraduates

AS A STEM SCHOLAR

- ♦ You will be assigned a research project by a STEM faculty research mentor
- ♦ You will work “hands-on” with a STEM research faculty mentor to develop the competence in specific STEM areas demonstrated by the completion of a research project
- ♦ You will be required to attend lab meetings, structured enrichment program activities, professional/personal developmental workshops, seminar lectures, and participate in campus-wide seminars
- ♦ You will be given an opportunity to attend and participate in professional scientific meetings/conferences to present your research findings
- ♦ You will work in a laboratory 10-12 hours per week under the guidance of a STEM faculty research mentor
- ♦ You will receive a stipend of \$7,500 per academic year (10 months) for a maximum of 2-3 (regular) academic years
- ♦ You are required to submit semester (fall and spring) research progress reports during the academic year

REQUIREMENTS

- ♦ Be a full-time sophomore, junior or senior
- ♦ Have a cumulative GPA of 2.8 or higher (on a 4.0 scale)
- ♦ Have a strong determination and interest to enter into a STEM graduate program
- ♦ STEM Scholars must sign a scholarship memorandum of understanding (MOU)
- ♦ Recommendation letters must come from a STEM faculty member

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