

Increasing Minority Access to NanoBiotechnology and Emerging Science and Technology in Alabama (IMANESTA) Summer Science Research Program



FOR HIGH SCHOOL STUDENTS

Sponsored by the U.S. Department of Education–Minority Science and Engineering Improvement Program (MSEIP)

PROGRAM ACTIVITIES

- ◆ The Program will engage pre-college freshmen in “hands-on” cutting edge training opportunities in Nanobiotechnology at Alabama State University
- ◆ Students are exposed to career opportunities in Science, Technology, Engineering And Mathematics (STEM)
- ◆ Eight-week enrichment experience on the campus of ASU
- ◆ Students will work under direct supervision of a STEM faculty mentor
- ◆ Students are exposed to structured activities (speaker seminars, educational and developmental workshops, field trips and instruction in several academic areas)
- ◆ Prepare written reports of independent research results
- ◆ The summer culminates in an exciting Research Symposium where students will present their research results

BENEFITS

- ◆ Participants will receive a \$1,000 stipend
- ◆ Research, educational supplies and field trips expenses covered
- ◆ Receive certification of achievement at the end of the program

SELECTION CRITERIA/ELIGIBILITY

- ◆ Completion of senior year of high school
- ◆ An overall GPA of at least 3.0 (A=4.0) and an ACT score of at least 18
- ◆ Recommendations from high school officials or STEM teachers
- ◆ Demonstrate an interest in undergraduate and graduate study in STEM
- ◆ Demonstrate a strong interest in attending ASU
- ◆ Agree to abide by university and program rules and regulations

APPLICATION REQUIREMENTS

- ◆ A completed application form
- ◆ A high school transcript (official)
- ◆ An essay (200 words) stating interest in program and professional goals
- ◆ Two letters of recommendation from guidance counselors, principal or STEM teachers



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