

Grant Title: Minorities in Science and Engineering (MISE)

Location: Oakwood University, Huntsville, AL

Contact Person:

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Program Description:

The Minorities in Science and Engineering (MISE) project provides 10-week competitive summer internships at Marshall Space Flight Center (MSFC) for students attending Oakwood University, the University of Alabama in Huntsville and Alabama A & M University. These internships are designed for undergraduate students majoring in science, engineering, mathematics, and technology. The grant provides up to 15 internships each summer and provides work study at NASA MSFC for two to three students during the academic year. In addition to internships MISE provides seminars during the academic year on career placement and hosts an annual Research Day during which interns present their summer research to faculty and students.

Program Relevance to NASA:

The major objective of the MISE project is to provide an opportunity for minority students enrolled at Alabama A&M University, Oakwood College and the University of Alabama in Huntsville to spend 10 weeks at the Marshall Space Flight Center (MSFC) working fulltime in the laboratories of NASA scientists and engineers. To accomplish this objective, students are recruited from each of the 3 institutions and competitively selected for internships at the MSFC. This project is geared towards increasing the role of minorities in the space industry. MISE helps retain and recruit students from area institutions for the NASA and NASA contractor workforce.

Program Benefits to Society:

The MISE Project provides opportunities for minority students to gain on the job training in technical fields that will prepare them for careers in technical fields. MISE seeks to facilitate diversity at NASA that is beneficial to the organization and society.

Program Goals:

- Select 15 honor students annually to receive NASA MSFC summer internships
- Provide job acquisition workshops for students
- Provide opportunities for students to share their research with faculty and other students.

Program Accomplishments:

- Since inception over 100 students have been supported with summer internships at MSFC
- Sponsored an annual October MISE Mini Symposium and co-sponsored an Annual Research Day Symposium

Student Accomplishments:

- Students conducted research in MSFC organizations and project offices
- Students developed and presented research posters and presentations
- Over 90% of MISE scholars complete college degrees in STEM fields