Goldwater Scholarship
NATURAL SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

- **Disciplines:** Natural Science, Engineering and Math who intend to pursue a research career and doctoral degree.
- **Purpose:** 1-2 years of undergraduate study (tuition, fees, books, and room and board)
- **Open to:** current sophomores or juniors pursuing a BA or BS full-time
- **Eligibility:** US citizen or permanent resident
- **Campus Deadline:** November 1
- **Website:** http://www.act.org/goldwater/index.html

**General Information**
The BARRY GOLDWATER SCHOLARSHIP is designed to attract outstanding students into research careers in mathematics, the natural sciences, and engineering. Scholarships are awarded on the basis of merit to students who are sophomores or juniors during the current academic year and who have excellent academic records and demonstrated interest in and potential for research careers in mathematics, the natural sciences, or engineering.

The scholarship covers eligible expenses for tuition, fees, books, and room and board to a maximum of $7,500 per academic year. Junior scholarship recipients can expect to receive a maximum of two years of scholarship support. Senior scholarship recipients are eligible for a maximum of one year of scholarship support.

**Scholar Profile**
About 300 scholarships are awarded annually to academically outstanding undergraduates who can make a compelling case that they intend to and will actually pursue a research career in mathematics, natural sciences or engineering. Nearly all Goldwater Scholars have a 4.0 GPA, or very close to it. According to the Foundation, the mean GPA among Scholars is 3.95, with a very small standard deviation.

**Application and Selection Information**
Strong candidates have had the opportunity to participate in research. In their materials, the nominees discuss their research experience and request that the individual who supervised the work complete one of their recommendations. The research experience should be significant and demonstrate that they are “making meaning from science.” Students who may not have had opportunities for research will demonstrate intellectual curiosity in other ways, perhaps through independent investigation of a theory or issue related to their fields of interest.

Abilities and potential are also shown by a candidate’s meeting significant responsibilities, involvement in mathematics/science/engineering student organizations, related employment, independent investigation and research, early participation in graduate courses, or other accomplishments outside the classroom. Among recent scholars, 25-30% have published their research, and 50% have made professional presentations.

Nearly all Goldwater Scholars intend to pursue doctoral degrees; this is now almost a prerequisite. Students who plan a career in secondary math/science education are not considered strong candidates for the Goldwater Scholarship.

**To begin the application process and/or meet with an adviser contact:**
National/International Fellowships and Scholarships Office
www.nifs.msu.edu
nifs@msu.edu
517-884-7650
Bessey Hall, Room 186