

# SMART – Science, Mathematics, and Research for Transforming Defense Fellowship Program

[www.asee.org/smart](http://www.asee.org/smart)

**Deadline:** *Early* February

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## Fields of Study

Aeronautical and Astronautical Engineering, Biosciences, Chemical Engineering, Chemistry, Civil Engineering, Cognitive, Neural, and Behavioral Sciences, Computer and Computational Sciences, Electrical Engineering, Geosciences, Information Sciences, Materials Science and Engineering, Mathematics, Mechanical Engineering, Naval Architecture and Ocean Engineering, Nuclear Engineering, Oceanography, Operations Research, Physics

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## Description

The Science, Mathematics and Research for Transformation (SMART) Scholarship for Service Program has been established by the Department of Defense (DoD) to support the education and recruitment of undergraduate and graduate students in Science, Technology, Engineering and Mathematics (STEM) fields. This program is used to recruit and to retain civilian scientists and engineers to work at DoD agencies and laboratories. The DoD will offer this scholarship for service to individuals who have demonstrated outstanding ability and special aptitude for a career in scientific and engineering research and product development.

The DoD is also interested in supporting the education of future scientists and engineers in a number of interdisciplinary, military technology areas that overlap the disciplines listed above. Applicants interested in studying in one of the interdisciplinary areas should apply under one of the disciplines listed above and indicate their specific areas of interest in the application.

During summer sessions, students will receive assignments as interns at DoD labs and agencies, or other assignments that will further their educational goals. After completion of their studies, SMART Scholars will be employed in assignments aligned with their areas of interest and needs of the DoD.

The SMART Program will pay all required educational expenses including - full tuition, required fees, and a book allowance of up to \$1000 per year. In addition to paying educational expenses, the SMART Program will pay a generous salary or stipend and includes health benefits. The amount of the salary or stipend may vary depending on several factors, including academic status and location, but will not be less than:

Undergraduate Students	\$22,500 per year
Master's Candidates	\$31,000 per year
Doctoral Candidates	\$38,000 per year

Upon selection, students must sign a DoD civilian service agreement. Failure to complete the required period of service will require the reimbursement of any monies expended by the Government on the individual's behalf under this program. Graduating students with a STEM degree will enter federal service as a DoD civilian employee at a DOD laboratory or agency. Students must be geographically mobile (usually this means within any of the 50 states) for placement in the Department of Defense within relevant STEM career fields following graduation.

The tenure of a SMART Scholarship is up to the time typically required to complete degree studies. However, second and subsequent year awards are contingent upon determination by the SMART Executive Agent that the student is making satisfactory academic progress towards a STEM degree.

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## Criteria for Selection

The SMART Scholarship for Service Program is open only to citizens and nationals of the United States. Persons who hold permanent resident status are not eligible. Proof of citizenship will be required. Students must be at least 18 years of age and, if seeking undergraduate support, be enrolled as a student in a regionally accredited university or college. Upon award, scholarship recipients will be required to submit a security clearance application.

SMART Scholarships will be awarded based on individual DoD laboratory or organizational needs. The evaluation of applicants will be based on review of their academic records, personal statement, references, and graduate record examination scores (for students applying for graduate school funding). Each student will be evaluated by a panel of scientists, engineers, and educators approved by the DoD. The evaluation panel will make recommendations to the DoD for final selections.

Students must be enrolled in full-time accredited programs leading to a degree in a field specified in this announcement. According to the policy of an accredited academic institution, such programs may include a reasonable amount of teaching or similar activities that contribute to the student's academic progress. Students are required to spend their summer as an intern with a DoD laboratory or agency.

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## Application Procedure

All applicants are required to submit applications online in Early February. All materials must be submitted electronically or received by this deadline. Notifications of awards are expected to be mailed April, 2007. Application materials are not returned to applicants.

The areas of the application include:

[Contact Information](#)

[Citizenship and Demographics](#)

[Academic Background](#)

[Proposed Area of Study](#)

[Professional Experiences](#)

[Publications & Presentations](#)

[Awards & Honors](#)

[Summary of Goals](#)

[References](#)

[GRE Scores](#) (for Graduate Support only)

[Outreach](#)

[Transcripts](#)

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Any student interested in applying for this award is particularly urged to contact:  
**Jenni Marsh, Coordinator, National/International Fellowships and Scholarships**  
Meetings by appointment. To arrange, call 355-2326 or email: [marshje3@msu.edu](mailto:marshje3@msu.edu)