**Scholarships for STEM Majors**

**Instructions:**

Save this list to your desktop and delete the scholarships that you do not meet the eligibility requirements for. You can [download our tracking sheet](https://docs.wixstatic.com/ugd/c70914_0a503e0e738d48ee845b0853edfedc17.xlsx?dn=Scholarship%20Application%20Organizer.xlsx) to organize and maintain your scholarships by deadline.

Click on the individual links for the updated deadlines of scholarships.

Like our Facebook Page for Scholarship Alerts:

<https://www.facebook.com/scholarshipsharing/>

Join our email newsletter for additional scholarship events and programs:

<https://www.scholarshipsharing.org/signup>

---------------------------------------------------------------------------------------------------------------------**Out to Innovate Scholarship**

<http://www.noglstp.org/programs-projects/scholarships/>

NOGLSTP established the Out To Innovate™ Scholarship for LGBTQ+ Students in STEM, following NOGLSTP’s inaugural Out to Innovate™ Career Summit for LGBTQ+ People in STEM. These scholarships are intended for undergraduate and graduate students pursuing degrees in science, technology, engineering, or mathematics (STEM) programs who are either lesbian, gay, bisexual, transgender, queer **or an active ally of the LGBTQ+ community**. The scholarships are designed to promote academic excellence and increased visibility of talented LGBTQ+ students in STEM careers.

Eligibility:

* Successful completion of a minimum of two years of post-high school education at an accredited college or university
* Maintenance of a minimum grade point average (GPA) of 3.0 for the entirety of college/university enrollment
* A declared major in an accredited STEM or STEM-related teaching field
* Be an active supporter of and participant in programs or organizations that promote LGBTQ inclusion and visibility
* Students must be eligible for fall term registration and must not be under disciplinary sanction.

---------------------------------------------------------------------------------------------------------------------**Science Ambassador Scholarship**

<http://www.scienceambassadorscholarship.org/>

The Science Ambassador Scholarship is a full tuition scholarship for a woman seeking an undergraduate degree in science, engineering, or math, funded by Cards Against Humanity. The ideal candidate will be an ambassador for their field–someone passionate about discovery who shares their excitement with others.

* You must be a U.S. citizen or permanent resident
* A full-time college student in the academic year
* Seeking a degree in a STEM field
* Identify as a woman in a way that's significant to you.

**---------------------------------------------------------------------------------------Great Minds in STEM**

<http://www.greatmindsinstem.org/scholarships/>

HENAAC scholarship recipients continue to pave the way for future generations of Hispanics and lead by example to empower our communities and enhance our nation’s professional technical workforce.

The HENAAC Scholars Program offers three types of scholarships: Corporate/Government Sponsored Scholarships, Special Recognition Scholarships, and In Memoriam and Personal Tribute Scholarships. [Click Here](http://www.greatmindsinstem.org/college/types-of-scholarships) for information on these scholarship.

Basic Scholarship Requirements:

* Applicants must demonstrate leadership through academic achievements and campus/community activities
* Applicants must be Science, Technology, Engineering or Math related majors
* Applicants must have an overall grade point average of 3.0 or higher
* Applicants must be of Hispanic origin and/or must significantly participate in and promote organizations and activities in the Hispanic community
* Recipients must be enrolled in an undergraduate or graduate program for the preceding fall semester, at an accredited 2-yr or 4-yr college/university in the U.S. or its territories.

---------------------------------------------------------------------------------------------------------------------**Boren Scholarship**

<https://www.borenawards.org/>

The Boren Scholarships offer a special initiative for undergraduate STEM (science, technology, engineering, and mathematics) majors. The scholarships fund up to $8,000 for summer study (minimum of 8 weeks) for students majoring in the STEM fields.

All other applicants must plan to study overseas for at least a semester. STEM field majors are also encouraged to apply for semester and year programs.

All students applying for Boren Scholarships are expected to have a significant language component as part of their proposed study abroad program. Although many STEM students choose study abroad programs that offer courses in STEM fields, it is not required. Options include the following.

* **Language Study Only**: Study abroad program may focus entirely on language study.
* **Language Study with Academic Coursework**: Study abroad programs may include language study as well as other academic coursework. Depending on the program, this coursework may or may not be within the applicant’s major.
* **Language Study with a STEM-Related Internship**: Some students focus on language study, while also incorporating a STEM-related internship to their overseas plan. As a reminder, all internships should be academic in nature, unpaid, and with a non-governmental organization.

Boren Scholarships are for undergraduate students. You are eligible to apply for the Boren Scholarship if you are:

* A U.S. citizen at the time of application
* A high school graduate, or have earned a GED
* Matriculated in an undergraduate degree program located within the United States accredited by an accrediting body recognized by the U.S. Department of Education. Boren Scholars must remain matriculated in their undergraduate programs for the duration of the scholarship and may not graduate until the scholarship is complete.
* Applying to a study abroad program that meets home institution standards in a country outside of Western Europe, Canada, Australia, or New Zealand. Boren Scholarships are not for study in the United States.

---------------------------------------------------------------------------------------------------------------------**Skills USA STEM Scholarship**

<http://www.skillsusa.org/membership-resources/scholarships-financial-aid/>

As part of SkillsUSA’s newly created STEM Fund, the STEM Fund will help to raise public awareness that career and technical education is STEM.

Up to 50-$1,000 scholarships will be awarded through a competitive application process to SkillsUSA students (graduating seniors in high school as well as college/postsecondary students) whose area of study will lead them into a STEM-related field.

---------------------------------------------------------------------------------------------------------------------**NESA Stem Scholarship**

<https://nesa.academicworks.com/opportunities>

<https://nesa.academicworks.com/opportunities/152>

Students must apply during their senior year of high school if the Eagle board of review is held on or before October 31 annually. EXCEPTION: Eagle Scouts currently in their senior year of high school who will not pass the Eagle Scout board of review by October 31 may apply during the next scholarship cycle even though you may already be attending college at that time.

The NESA STEM scholarship is awarded to one Eagle Scout each year who plans to major in a science, technology, engineering, or mathematics field (STEM).

NESA scholarships are not available to students attending community colleges or any of the U.S. military academies because at these academies, expenses covered by the NESA scholarships are already paid by the U.S. government.

All applicants must be members of the National Eagle Scout Association to apply.

---------------------------------------------------------------------------------------------------------------------**Student Veterans Association STEM Awards**

<https://studentveterans.org/programs/scholarships>

The SVA is thrilled to partner with BP America to provide three $10,000 scholarships to students in STEM fields. This scholarship program reinforces our shared commitment to creating and increasing opportunities for veterans to pursue courses of study that yield to high demand, high growth careers in STEM and technology-related fields.

Eligible student veterans must meet the below outlined minimum criteria:

* Be pursuing a degree from an accredited four-year institution of higher learning, located in the United States
* Be enrolled for the academic year
* Attest to being enrolled in a STEM course of study
* Be a Veteran of the United States Armed Forces
* Have at least a 3.0 GPA
* Submit proof of military service (DD214)
* Submit proof of enrollment in an accredited US institution of higher learning (transcript)
* Submit a current resume
* Answer the two questions via separate essays of 500 words each or less

---------------------------------------------------------------------------------------------------------------------**The Stokes Educational Scholarship Program**

<https://www.intelligencecareers.gov/icstudents.html>

<http://www.nsa.gov/careers/opportunities_4_u/students/stokes.shtml>

The Stokes Educational Scholarship Program (formerly known as the Undergraduate Training Program) was proposed and introduced into legislation in 1986. Its purpose is to facilitate the recruitment of individuals, particularly minority high school students, who have demonstrated skills critical to NSA.

Stokes provides a tremendous opportunity to gain valuable experience in your field while attending college and getting a degree. Stokes is open to high school seniors planning on majoring in computer science or computer/electrical engineering.

As an NSA employee with the Stokes Program, you will attend college full-time, then work during the summer at NSA for 12 weeks in areas that are related to your course of study. You’ll acquire real-world experience and receive a year-round salary. (Please note: Eligible students must maintain a 3.0 on a 4.0 scale after their freshman year.) If selected as a program participant, you are required to work in your area of study for NSA after your college graduation for at least one-and-one-half times the length of study. *If you leave NSA employment earlier, you must reimburse the government for your tuition and book costs.*

Benefits

* Tuition and mandatory fees at the college of your choice
* Reimbursement for required textbooks ($1,500 per year limit)
* Housing and travel entitlements during summer employment (if the distance between NSA and the school exceeds 75 miles)
* Year-round salary while attending college
* Continued employment with NSA after graduation
* Paid-time off
* Health and life insurance
* Participation in federal retirement plans

Qualifications for High School Students – You must major in computer science or computer/electrical engineering and meet the following requirements:

* Must be a U.S. citizen
* Eligible to be granted a security clearance
* A high school senior at the time of application
* A minimum SAT/College Board score of 1600 (1100 Critical Reading and Math, 500 in Writing) or ACT of 25
* A GPA of 3.0 or above on a 4.0 scale is preferred
* Demonstrated leadership abilities

---------------------------------------------------------------------------------------------------------------------**American Chemical Society**

<https://www.acs.org/content/acs/en/funding-and-awards/scholarships/acsscholars.html>

African American, Native American and Hispanic students planning to pursue full-time study in a chemically-related field with outstanding academic records and a desire to pursue a career in the chemical sciences can apply for an ACS Scholars Award.

The following students are eligible to apply:

* high school seniors entering college and planning to pursue full-time study in a chemically-related field
* college freshmen, sophomores or juniors currently pursuing or planning to pursue full-time study in a chemically related field
* community college students majoring in a two-year chemical technology program or planning to transfer to a four-year school

**Acceptable Career Goals**

* Chemist
* Biochemist
* Chemical Engineer
* Chemical Technician
* Forensic Chemist / Investigator
* MD/PhD (research physician)s
* Patent Lawyer
* Professor/Teacher of Chemistry, Biochemistry, or Chemical Engineering
* Science Journalist

---------------------------------------------------------------------------------------------------- **Future Engineers Scholarship Program**

<https://www.kellyservices.ca/ca/careers/areas-of-expertise/careers-in-engineering/future-engineers-program/>

Candidates must be full-time students at the time of application submittal, pursuing a degree at an accredited institution of higher education in the United States. Must be accepted into the School of Engineering. Scholarships will not be awarded to Freshman, or Seniors who will be graduating on or before June of the award year. Students must have a minimum of a 3.0 GPA.

One winner will receive a $5,000 scholarship to be used toward eligible expenses for tuition, fees, books, and room and board during the calendar year.

The winner will be invited to visit a local Kelly Services branch and will be presented with a check payable to his or her current institution. The winner will also receive a commemorative plaque.

The winner will be announced and a news release will be distributed to national media, local media in the winner’s hometown, and the winner’s university paper.

---------------------------------------------------------------------------------------------------------------------**National Professional Society of Engineers Scholarships**

### <http://www.nspe.org/resources/students/scholarships>

### High School Students

[The Maureen L. & Howard N. Blitman, P.E., Scholarship to Promote Diversity in Engineering](http://www.nspe.org/resources/students/scholarships/maureen-l-howard-n-blitman-pe-scholarship-promote-diversity)

Download a scholarship application. Please submit applications and supporting materials (where applicable) electronically to students@nspe.org. The Maureen L. and Howard N. Blitman, P.E., Scholarship to Promote Diversity in Engineering is awarded annually to a high school senior from an ethnic minority who has been accepted into an ABET-accredited engineering program at a four-year college or university...

### Undergraduate Students

[Auxiliary Legacy Scholarship](http://www.nspe.org/resources/students/scholarships/auxiliary-legacy-scholarship)

Download the scholarship application. Please submit applications and supporting materials (where applicable) electronically to students@nspe.org. The NSPE auxiliary Legacy Scholarship is awarded annually to a female undergraduate entering the junior year of a four-year ABET-accredited engineering program. The scholarship is awarded in one disbursement of $2,000 at the beginning of the junior year. Eligibility...

[NSPE Educational Foundation Paul H. Robbins, P.E., Honorary Scholarship](http://www.nspe.org/resources/students/scholarships/nspe-educational-foundation-paul-h-robbins-pe-honorary-scholarship)

Download the scholarship application. Please submit applications and supporting materials (where applicable) electronically to students@nspe.org. The Paul H. Robbins, P.E., Honorary Scholarship is awarded annually to a current engineering undergraduate student entering the junior year in an ABET-accredited engineering program.

[NSPE-PEPP Albert H. Miller Scholarship Fund](http://www.nspe.org/resources/students/scholarships/nspe-pepp-albert-h-miller-scholarship-fund)

NSPE-PEPP has established the Albert H. Miller, P.E., Memorial Scholarship Fund to annually honor an outstanding engineering student in cooperation with Al Miller's alma mater, the University of Arkansas. You can help make Al's enthusiasm for educational excellence and professional development an NSPE legacy. Support educational excellence through this PEPP scholarship program.

[William R. Kimel, P.E., Engineering Scholarship](http://www.nspe.org/resources/students/scholarships/william-r-kimel-pe-engineering-scholarship)

Download the scholarship application. Please submit applications and supporting materials (where applicable) electronically to students@nspe.org. The William R. Kimel, P.E., Engineering Scholarship is awarded annually to an undergraduate student who is a resident of either Kansas or Missouri, enrolled as a junior in an ABET-accredited engineering program in a college or university in either Kansas or Missouri.

[Steinman Scholarship](http://www.nspe.org/resources/students/scholarships/steinman-scholarship)

Download the scholarship application. Please submit applications and supporting materials (where applicable) electronically to students@nspe.org. The Steinman Scholarship is awarded annually to two (2) current undergraduates entering the junior year in a four-year ABET-accredited engineering program. The awards are for $5000 each.

[Professional Engineers in Industry Scholarship](http://www.nspe.org/resources/students/scholarships/professional-engineers-industry-scholarship)

Professional Engineers in Industry Scholarship Application Please submit applications and supporting materials (where applicable) electronically to students@nspe.org. Professional Engineers in Industry Scholarship is a $2,500 award. Applicants must be sponsored by a NSPE member. Students who are children, dependents, or relatives of NSPE members are given preference in the scholarship selection process.

### Graduate Students

[NSPE-PEC George B. Hightower, P.E. Fellowship](http://www.nspe.org/resources/students/scholarships/nspe-pec-george-b-hightower-pe-fellowship)

Download a scholarship application. Please submit applications and supporting materials (where applicable) electronically to students@nspe.org. NSPE-PEC and the NSPE Educational Foundation have established the George B. Hightower, P.E., Memorial Fellowship Fund to annually honor an outstanding engineering graduate student.

[PEG Management Fellowship](http://www.nspe.org/resources/students/scholarships/peg-management-fellowship)

Download a scholarship application. Please submit applications and supporting materials (where applicable) electronically to students@nspe.org. This scholarship is designed for graduate students who are pursuing an MBA, a master's degree in engineering management, or a master's degree in public administration.

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**Society of American Military Engineers**

<https://www.same.org/Hampton-Roads/Scholarships>

The Society of American Military Engineers, Hampton Roads Post intends to award multiple $500 - $2,000 scholarships to Engineering, Architecture, Interior Design and Construction Management Students

Applicants must be enrolled, or planning to enroll, in a full-time undergraduate Engineering, Architecture, Interior Design or Construction Management degree program at an accredited college or university. Applicants who have earned an undergraduate degree or who are enrolled in a graduate degree program are not eligible. All applicants must also have a minimum GPA of 3.0 (on a 4.0 basis) to be eligible to apply. The minimum GPA requirement applies to both high school and college students. No scholarship will be awarded for those pursuing an associate; second undergraduate or graduate school degree. Students attending a community or junior college must be enrolled in a program of studies designed to allow the student to transfer directly into a four-year program. Applicants who receive an appointment to one of the U.S. Military Academies (or affiliated preparatory schools) or are awarded a full scholarship at any accredited U.S. post-secondary institution of higher education are not eligible to receive funds from this program. A full scholarship is usually defined as one that provides for payment of tuition, books, lab fees, and other related expenses. An ROTC scholarship is considered a full scholarship.

There is no requirement for the student or parent to be part of a SAME Post. However, preference will be given to students who are members of a SAME Student Post or whose parents, guardians, or sponsors are members of SAME. Sponsors must provide a letter of recommendation as part of the application package. For a list of sustaining member companies, and student SAME applications please refer to our website (http://posts.same.org/hamptonroads/).   
  
Our intent is to target scholarship awards to Hampton Roads high school students and college students attending College / Universities throughout Virginia; however this is not a requirement and The Post reserves the right to offer scholarships to any qualified candidates.

---------------------------------------------------------------------------------------------------------------------**NACME Pre-Engineering Student Scholarship**

<http://www.nacme.org/scholarships>

For updated information contact Dr. Chris Smith, Director, Scholarships and University Relations, at 914-539-4316, or email at scholars@nacme.org. For specific information on how to establish a fellowship e-mail, scholarships@nacme.org.

The NACME Pre-Engineering Student Scholarship recognizes the nation’s highest-achieving African American, Latino and American-Indian high school seniors who have demonstrated academic excellence, leadership skills, and a commitment to science and engineering as a career goal.

The NACME Pre-Engineering Scholarship recognizes outstanding students for academic achievement and participation in educational, community-based pre-college engineering programs. The scholarship is offered to students who have demonstrated academic excellence, leadership and commitment to engineering as a career field, and are planning to major in an engineering field of study. This award is competitive. The deserving student will be selected by a committee, and will each receive:

 A one-time award of $2,500 to be used toward the cost of attending one of NACME’s Partner Universities

 A certificate of recognition.

**Eligibility Requirements:**

The NACME Pre-Engineering Scholar demonstrates strong leadership through a balance of extracurricular activities, community service, individual pursuits, and accomplishments.

The NACME Pre-Engineering Scholarship applicants must be:

 African American, Latino or American Indian high school seniors

 U.S. citizens or permanent residents

 Participants in an Academy of Engineering (a National Academy Foundation network of career academies) or a pre-college or high school program focused on math, science and engineering

 Outstanding academic achievers earning a minimum cumulative 3.0 GPA or “B” average

 Have a minimum combined SAT score of 1650 for critical reading, writing and math, and a minimum math score of 550; or minimum composite ACT score of 24 and a minimum score from the math section of 24; and

Applicants must be accepted as a full-time engineering student at one of our Partner Universities, listed below:

List of Partner Universities:

Bucknell University

California State University, Los Angeles

California State University, Sacramento

Cornell University

Drexel University

Fairfield University

Florida A&M University

Florida International University

Georgia Institute of Technology

Illinois Institute of Technology

Kansas State University

Kettering University

Louisiana State University

Milwaukee School of Engineering

Missouri University of Science and Technology

New Jersey Institute of Technology

North Carolina A&T State University

Northern Arizona University

Polytechnic Institute of New York University

Polytechnic University of Puerto Rico

Prairie View A&M University

Purdue University

Rochester Institute of Technology

Rose-Hulman Institute of Technology

Rutgers, the State University of New Jersey

State University of New York at Oswego

Stevens Institute of Technology

Syracuse University

Tennessee Technology University

The City College of New York

Tuskegee University

University of Akron

University of Alaska, Anchorage

University of Arkansas

University of Bridgeport

University of California, San Diego

University of Central Florida

University of Colorado – Boulder

University of Houston

University of Illinois, Urbana-Champaign

University of Kentucky

University of Maryland, Baltimore County

University of Missouri, Columbia

University of Missouri, Kansas City

University of Oklahoma, Norman

University of Southern California

University of Texas, El Paso

University of Texas, San Antonio

University of Washington

Virginia Polytechnic Institute and State University

West Virginia University

**-------------------------------------------------------------------------------------------------------Microsoft careers scholarship**

<https://careers.microsoft.com/students/us/en/usscholarshipprogram>

<https://careers.microsoft.com/students/scholarships>

You must include the following six items in your application:

* Resume
* Transcript
* Application details
* Answers to essay questions
* Letter of referral
* Printed Confirmation Page from Online Application to the Microsoft Internship Program

That’s really all there is, and no extra forms to fill out. Don’t forget to include your name on each page of your application packet.

Be sure your resume includes:

* Your e-mail address
* School address and phone number
* Student ID number
* Permanent address and phone number
* Academic major
* Expected graduation date

**Application Details**

Use one page (total) to answer the following questions:

* What is your estimated tuition cost for the academic year (base cost; not including room and board or books)?
* Is your tuition in state, out of state, private, or international?
* Would receiving a Microsoft scholarship adversely impact any other financial aid you will receive for the academic year?

**Essay Questions**

**Letter of Referral**

Enclose a letter of referral from a faculty member (professor or teaching assistant) or an academic adviser.

**Printed Confirmation Page**

You must have applied to a Microsoft Summer Internship. Please attach a printed copy of the Application Confirmation page, which can be accessed during the online application process. If you have already applied for a Microsoft Internship, please indicate this below your essay answers so we can verify your application status.

For specific questions not answered on this page or in the FAQ section, please e-mail scholars@microsoft.com.

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**Automotive Hall of Fame Scholarship**

<http://www.automotivehalloffame.org/education/scholarships>

Eligibility:

* Submit a completed application form indicating a sincere interest in an automotive career.
* Provide an official transcript of all academic work.
* Submit two letters of recommendation supporting your automotive interests.
* Submit a letter of acceptance for an associate, bachelor, or masters program.
* Be accepted at an accredited college, university or trade school within the United States at the time of application.
* Students attending a technical training school may also apply (trade school should equal a two-year associate program).
* Student must be a United States citizen or in the United States on a Student Visa.
* Must be enrolled full-time.
* Must have 3.0 GPA or higher.

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**Buick Achievers Scholarships**

<http://www.buickachievers.com/>

A scholarship for multiple majors for high school seniors, and undergrad students. A FANTASTIC scholarship with up to $40,000 in renewable scholarships.

The scholarships must be used for one of the following eligible majors:

**ENGINEERING/TECHNOLOGY MAJORS**

* Automotive Technology
* Chemical Engineering
* Computer Engineering
* Computer Information Systems
* Computer Science
* Controls Engineering
* Electrical Engineering
* Energy Engineering
* Engineering Technology
* Environmental Engineering
* Industrial Engineering
* Information Technology
* Manufacturing Engineering
* Materials Engineering
* Mechanical Engineering
* Mechatronics
* Plastic/Polymers Engineering
* Software Engineering

**DESIGN AND BUSINESS-RELATED MAJORS**

* Automotive Design
* Fine Arts Design - Sculpting
* Graphic Design
* Industrial Design
* Product Design
* Transportation Design
* Accounting
* Business Administration
* Economics
* Ergonomics
* Finance
* Human Resources
* Industrial Hygiene
* International Business
* Labor & Industrial Relations
* Management Information Systems
* Marketing
* Mathematics
* Occupational Health & Safety
* Production Management
* Statistics
* Supply Chain/LogisticsYou are making a difference. In your classroom and in your community. If you have the passion to succeed—especially in fields of study important to the automotive and related industries—the Buick Achievers Scholarship Program is looking for you. This year, we will award 1,100 scholarships, including 100 renewable scholarships of up to $25,000 per year. The 2012 application period ended February 29, 2012. If you would like to receive an e-mail notice when next year's application is open, please click "NOTIFY ME."

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**Society of Women Engineers Scholarship Program**

<https://scholarships.swe.org/applications/login.asp>

Click here for freshmen eligibility requirements:

<http://societyofwomenengineers.swe.org/images/Freshmen_Eligibility_Requirements.pdf>

Click here for sophomore-grad student eligibility requirements:

<http://societyofwomenengineers.swe.org/images/Sophomore_Grad_Eligibility_Requirements.pdf>

As part of its national educational activities, SWE administers over 100 individual scholarship awards annually, varying in amount from $1000 to over $5,000 per year and totaling more than $200,000. Grants are announced in the late spring (sophomore, junior, senior and graduate students) and late summer/early fall (freshmen and reentry students) for use during the following academic year. Grant payments are made in the fall for corporate-sponsored scholarships and in both the fall and spring for endowed scholarships, upon proof of registration. All SWE Scholarships are open only to women pursuing baccalaureate or graduate degrees in engineering or computer science.

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**Education Portal Scholarships**

<http://study.com/pages/Computer_Science_Academic_Scholarship.html>

$1,000 awarded to a student pursuing a degree in Computer Science or Computer Engineering. Areas of study that will be considered include computer science, computer engineering, computer information systems, software engineering, database management, computer networking, and computer programming and information technology management.

###### **Eligibility Criteria:**

* Must be a U.S. Citizen or Permanent U.S. Resident
* Must be enrolled (or accepted) in an accredited college or university and planning on continuing the next year.
* Graduating high school seniors who meet the above mentioned criteria may apply.
* Must have a minimum of 30 semester or 45 quarter hours still to be completed.
* Must consent to provide a digital photograph of self and quote for display on Education-Portal.com if notified as the award winner by the selection committee.

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**American Firearm and tool mark examiners scholarship**

<http://afte.org/AssociationInfo/a_scholarship.htm>

Any applications received outside of this time frame will not be considered.

AFTE awards $2000.00 annually to students seeking a career in Forensic Science. Applications will be reviewed and recipients chosen by the Scholarship Committee prior to the annual AFTE Training Conference.

Scholarships granted will be for the school year beginning on or about the following September. Scholarship renewals are not automatic; therefore, it will be necessary to apply every year for a scholarship. Scholarship funds approved will be sent directly to the applicant, payable to the applicant and the educational institution.

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**The AFCEA Hampton Roads Chapter scholarships**

<https://hamptonroads.afceachapters.org/education/scholarships>

<http://www.afceahamptonroads.org/afcea_hampton_roads_pro2.htm>

The AFCEA Hampton Roads Chapter plans to award/renew scholarships of up to $2,500 to outstanding students from the Hampton Roads area, subject to the availability of funds. Scholarships will be awarded to students enrolled for the academic year as full-time students in a course of study at an accredited four-year college or university that leads to a Bachelor’s degree in one of the STEM disciplines that will prepare the student for a professional career supporting AFCEA’s focus on military communications, electronics, information technology, and intelligence systems. Distance-Learning programs are not eligible.

**For further information, contact Mr. Arthur Hernandez, by phone at (757) 320-6401 or by**

**e-mail:** [scholarships@afceahamptonroads.org](mailto:scholarships@afceahamptonroads.org)

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**Intel Science Talent Search Scholarship**

<https://student.societyforscience.org/apply-intel-science-talent-search>

Awards will be provided in each of the two application types. A top award of $50,000 will be awarded to the best Prototype Project as well as a 2nd place award of $25,000, a 3rd place award of $10,000 and up to five $5,000 honorable mention awards. Among the Ideation Projects, the top award will be $5,000, 2nd place will be $2,500, and up to five $1,000 honorable mention awards will be selected.

If you have questions about the application itself or about rules, please contact SSP at [sts@societyforscience.org](mailto:sts@societyforscience.org)

--------------------------------------------------------------------------------------------------------------------- **Dell Scholars Program**

<http://www.dellscholars.org/scholarship/criteria/>1

To be eligible to apply for the Dell Scholars Program scholarship, you must meet the below listed criteria:

* Participating in a Michael & Susan Dell Foundation [approved college readiness program](http://www.dellscholars.org/scholarship/college-readiness-programs/) in grades 11 and 12
* Graduating from an accredited high school this academic year
* Earning a minimum of a 2.4 GPA
* Demonstrated need for financial assistance
* Eligible to receive federal student aid
* Planning to enroll full-time in a bachelor’s degree program at an accredited higher education institution in the fall directly after your graduation from high school

Dell Scholars are students who demonstrate their desire and ability to overcome barriers and to achieve their goals. Your application will be evaluated on your:

1. Individual determination to succeed
2. Future goals and plans to achieve them
3. Ability to communicate the hardships you have overcome or currently face
4. Self-motivation in completing challenging coursework
5. Demonstrated need for financial assistance

If you do not meet the criteria to apply for the Dell Scholars Program, you may want to click on the sites listed below to help you continue on the path to a college education:

1. To get a head start on your financial aid for college, please visit [Fafsa4Caster](http://www.fafsa4caster.ed.gov/).
2. For additional information on financial aid, please visit [www.finaid.org](http://www.finaid.org/).
3. For information on the Free Application for Federal Student Aid (FAFSA), visit [www.fafsa.ed.gov](http://www.fafsa.ed.gov/), where you can complete the application online.
4. To learn more about college access programs and how they help more students attend college, visit [www.collegeaccess.org](http://www.collegeaccess.org/).

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**National Oceanic and Atmospheric Association scholarships**

<https://www.noaa.gov/office-education/scholarships>

Anyone majoring in a discipline including, but not limited to, oceanic, environmental, biological, and atmospheric sciences, mathematics, engineering, remote sensing technology, physical and social sciences including geography, physics, hydrology, geomatics, or teacher education that support NOAA's programs and mission.   
  
Related discipline areas of study may include: biological, social, and physical sciences; mathematics; engineering; computer and information sciences; and teacher education.

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**NASA Office of Education Scholarship and Research Opportunities**

<https://www.nasa.gov/stem/fellowships-scholarships/index.html>

Questions concerning NASA Education Scholarship activities, may be directed to Elizabeth Cartier, NASA Fellowships and Scholarships Deputy Program Manager, Ames Research Center, Office of Education, Moffett Field, CA 94035; E-mail: elizabeth.a.cartier@nasa.gov.

NASA Office of Education (OE) provides funds for the NASA Scholarship and Research Opportunities (SRO), which awards scholarships to individuals who are pursuing degrees in undergraduate studies specifically in areas of projected deficiencies in the NASA Science, Technology, Engineering, and Mathematics (STEM) workforce. Students interested in applying to the NASA Scholarship and Research Opportunities may apply to either the Minority University Research and Education Project (MUREP) Scholarships, the Aeronautics Scholarships, or both scholarships, provided the student meets the eligibility criteria. The MUREP Scholarship awards scholarships for individuals pursuing or planning to pursue undergraduate studies leading to Associate's or Bachelor's degree in one or more relevant NASA related, STEM disciplines. Students must currently attend or plan to attend an accredited Minority Serving Institution (MSI) in the United States. The NASA Scholarship and Research Opportunities for Aeronautics Undergraduate Scholarships (AUS) awards scholarships for individuals pursuing or planning to pursue undergraduate studies leading to Associate's or Bachelor's degree in areas related to aeronautics. These scholarships are directed toward enhancing the state of aeronautics for the nation, transforming the nation's air transportation system, and developing the knowledge, tools, and technologies to support future air and aeronautical vehicles. (For a list of acceptable MUREP STEM and Aeronautic degrees or fields scroll down.)

Eligibility Requirements:

Citizenship: SRO is open only to applicants who are citizens or nationals of the United States. It does not refer to a citizen of another country who has applied for United States citizenship. United States citizenship must be obtained by the time that the scholarship award is accepted. Persons who hold permanent resident status are not eligible. Proof of citizenship will be required upon formal offer.

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**Virginia Space Grant Consortium scholarships**

<http://csiip.spacegrant.org/about>

**Eligibility:**

* Must be a U.S. citizen
* Must be currently enrolled full-time in a Virginia Community College and have completed at least one semester of coursework (minimum of 12 credit hours) at time of application
* Must be majoring in a STEM program of study
* Must have a grade point average of at least 3.0 on a 4.0 scale

**Required Application Components:**

* **Statement of your academic and career goals** – a brief written statement by the applicant relating to how his/her degree will help them prepare for a technical career in aerospace or a STEM field that will support NASA's mission. Indicate your plans for future academic preparation including pursuing an undergraduate four-year degree or beyond.
* **Plan of Study** – submit an outline of your intended coursework for the sophomore year of your STEM associate degree program.
* **Resume** – submit a short summary of your education, work or military experience and any significant accomplishments (e.g. honors or awards) or any other relevant information
* **Letters of Recommendation** - provide the names and contact information for two references of which one must be the applicant’s current faculty advisor. Letters of recommendation should assess the applicant’s technical and /or academic potential as well as his/her progress and academic achievements. The on-line application system will contact both references via email to request a letter of recommendation on behalf of the applicant. We suggest that you inform both of your references that they will receive an email from the VSGC in reference to your application. Your references will be provided with a link to submit their recommendations. VSGC must receive both recommendations for your application to be complete.
* **Transcript-** An unofficial transcript with all grades through Fall semester is required and can be submitted as a PDF in the online application. If the applicant is selected to receive an award then an official transcript will be required at acceptance. If the applicant does not have a PDF conversion tool, links to free on-line PDF converters are provided in the application.

**Administrative and Reporting Requirements for Award Recipients:**

* Awardees must provide a head-shot photo electronically.
* Awardees must provide biographical information upon selection.
* Awardees must inform the VSGC of changes of contact information.
* Awardees must respond to academic and employment follow-up surveys.
* Awardees must may be asked to discuss their studies in public forums.

The scholarship recipient must submit a brief, written report on their experience as a Virginia Space Grant Community College STEM Scholar. The report should address:

* Academic progress, including degree granted (if applicable)
* The impact the award has made on plans to pursue future technical training or a baccalaureate or higher degree
* Significant results of the recipient’s experience (e.g. a list of presentations made, awards or honors)
* Employment or future educational plans.

**Disposition of Unused Funds:**  
If an the scholarship recipient terminates his/her academic program during the academic year, the Community College is required to return a prorated share of the scholarship award to the VSGC.

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# M. Hildred Blewett Fellowship

## <http://www.aps.org/programs/women/scholarships/blewett/index.cfm>

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| To enable women to return to physics research careers after having had to interrupt those careers. The fellowship consists of a one-year award of up to $45,000 (applicants can apply in a subsequent year for one additional year of support). Allowed expenses include dependent care (limited to 50% of the award), salary, travel, equipment, and tuition and fees. Overhead charges by the institution are not allowed. |

Applicants must:

* Currently be a citizen, legal resident, or resident alien of the United States or Canada.
* Have completed work toward a PhD.
* Provide written proof from a U.S. or Canadian institution that the applicant will have institutional affiliation during the tenure of the grant. Institutional affiliation at the time of application is not necessary.

If applicants have questions regarding their eligibility, or special circumstances they would like to discuss, they should contact APS at (301) 209-3231 or [blewett@aps.org](mailto:blewett@aps.org).

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**Brown and Caldwell Minority Scholarship**

<http://www.brownandcaldwell.com/scholarships.asp>

At Brown and Caldwell, we value diversity in the workplace, supporting organizations like the Society of Women Engineers, National Society of Black Engineers and the Society for Hispanic Professional Engineers. We've also set up the Minority Scholarship Program to help minority groups succeed in the environmental engineering industry. Criteria:

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|  | * United States citizen or permanent U.S. resident |
|  | * Be a full-time student enrolled in his/her Junior, Senior year or graduate program at an accredited college/university. |
|  | * Declared major in Civil, Chemical or Environmental Engineering or one of the environmental sciences |
|  | * Cumulative GPA of 3.0 or higher on a 4.0 scale (or equivalent on a 5.0 scale) |
|  | * Member of Minority Group as defined by EEOC |

---------------------------------------------------------------------------------------------------------------------**John C. Lincoln Memorial Scholarship**

[https://www.aws.org/foundation/page/john-c-lincoln-memorial-scholarship l](https://app.aws.org/foundation/scholarships/lincoln.html)

The John C. Lincoln Memorial Scholarship will be awarded to an undergraduate student pursuing a minimum four-year bachelor’s degree in welding engineering (WE) or welding engineering technology (WET); however, priority will be given to welding engineering (WE) students. All applicants must meet the following eligibility requirements.

**The award will be presented to individuals nationwide. Applicant does not have to be a member of the American Welding Society.**

* Applicant must be a minimum of eighteen years of age.
* Applicant must have a minimum high school diploma.
* Applicant must have a minimum 2.5 overall grade point average.
* Student may be enrolled full or part time.
* Proof of financial need is required to qualify.
* Applicant must submit all required application information.
* Applicant must be a citizen of the United States and plan to attend an academic institution located within the United States.
* Priority will be given to those individuals residing or attending school in the states of Ohio or Arizona. (A resident is defined as having lived in the specific area for a minimum of one year.)
* Applicants may reapply; however, persons who have received this award may reapply and may be granted the award for a maximum of four years.
* The AWS Foundation does not discriminate by age, race, color, national origin, disability, creed, or gender

---------------------------------------------------------------------------------------------------------------------**SME Education Foundation**

<http://www.smeef.org/scholarships/>

**SME Education Foundation programs have encouraged more than 60,000 students to study STEM, with a focus on technology.** [**View our complete accomplishments**](http://www.smeef.org/who_we_are/)

The Foundation’s scholarships offer students a powerful reason to choose a manufacturing focused education. The generosity of our many [corporate partners](http://www.smeef.org/who_we_are/page/donors-and-partners) has enabled us to provide millions in scholarships attracting thousands of new students to manufacturing every year.

Our scholarships are awarded annually, so students can re-apply every year. Scholarships range from $1000- $6000 and can be used for tuition, books or lab/course fees related to attaining a technical or engineering education. Eligible students include [high school seniors](http://www.smeef.org/scholarships/highschool.asp), [undergraduates](http://www.smeef.org/scholarships/undergraduate.asp), [graduate](http://www.smeef.org/scholarships/graduate.asp) students pursuing degrees in advanced manufacturing and related fields at two- and four-year colleges.

In addition, the SME Education Foundation annually offers substantial scholarships to students with at least one parent or grandparent who has been an SME member in good standing for the last two years.  The [Family Scholarships](http://www.smeef.org/scholarships/detail/2014-2015-sme-education-foundation-family-scholarship) include one (1) award in an amount up to $70,000 payable over four years and two (2) one-year scholarships of $10,000 each.

**In order to apply for scholarships, students must first** [**register**](https://scholarships.smeef.org/applications/) **with the SME Education Foundation. The application process is open from November to February.**

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**Marine Technology Society Scholarships**

<https://www.mtsociety.org/education/scholarships.aspx>

For updated information contact: Suzanne Voelker 202-717-8705 ext. 102

**Who can apply?**

**Scholarships are for MTS student members only**. For membership information, please go to /membership/new/add.aspx Student membership is only $25 per year. To be eligible for the scholarships, you must be either a full-time college student currently enrolled in a either a 2-year or 4-year academic program OR high school senior who has been accepted to either a 2-year or 4-year academic program.

**Are students outside of the US eligible for the scholarships?**

Yes, we welcome all students attending college all over the world, not just the US.

**Do I need to be a member of the Marine Technology Society?**

Yes. For membership information, please go to /membership/new/add.aspx. Student Membership is for full-time college students and high school seniors and is only $25 per year.

**Can I send in more than one letter of recommendation?**

No, please follow the guidelines given on the application. Send only two (2) letters: one (1) recommendation and one (1) reference.

ONE (1) letter of recommendation from a teacher, counselor or professor in a marine-related field that you have studied with or received advice from within the past two years. For high school seniors, one recommendation from current teacher or counselor in any field. A science teacher preferred. The letter must be on official letterhead, dated and addressed to the scholarship committee.

Only ONE recommendation letter and must answer one of the following questions:

“How do you think the student will contribute to the science field?”

Or

“What do you think the career path will be of the student and why do you think he/she will make difference in that field?”

AND

ONE (1) letter of reference (character reference) from someone you know who is not a teacher or counselor. It should include the qualities, characteristics, and capabilities of the person being recommended.

**Do I need to send a copy of my resume/CV?**

No, please submit only the materials we have requested.

**Can I send you an unofficial copy of my transcript?**

Unfortunately, we can only accept official paper transcripts or Certified Electronic Transcripts, a PDF program and must be emailed to scholarships@mtsociety.org by the schools registrar. Please note, the transcript must be the most recent once from the school only.

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**ASCO Numatics Industrial Automation Engineering College Scholarship**

<http://www.asconumatics.com/LiteratureRequest/ASCO-Numatics-Scholarship-learnmore.aspx>

The ASCO Numatics engineering scholarship is merit-based and will be awarded on the candidate’s potential for leadership and for making a significant contribution to the engineering, instrumentation, systems, and automation professions, particularly as they relate to the application of fluid control and fluid power technologies. Scholarship recipients may be eligible for an ASCO Numatics internship.

ASCO Numatics will award two, $5,000 scholarships to U.S. engineering students who are pursuing careers in industrial automation-related disciplines. Additionally, ASCO Numatics will make $1,000 grants to the engineering departments of the colleges in which the winners are enrolled.

Applicants must be entering junior or senior year in a four-year undergraduate degree program, or enrolled in a graduate program.

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**Institute Of Industrial Engineers**

<http://www.iienet2.org/details.aspx?id=857>

Students may not apply directly for any scholarships. They must be nominated by IE department heads or faculty advisors.

IIE’s scholarship and fellowship program is in place to recognize graduate and undergraduate industrial engineering students for academic excellence and campus leadership. The awards are valued up to $4,000.

IIE also offers honors and recognition specifically for graduate students, including the Graduate Research Award and the prestigious Pritsker Doctoral Dissertation Award.

Eligibility:

* Be active Institute members as reflected on or before your October chapter roster. New member applications must be completely processed prior to the end of September in order for students to be eligible (exception: IIE membership is not required for the John L. Imhoff Scholarship).
* Be enrolled full time in graduate or undergraduate industrial engineering programs.
* Have an overall point-hour average of 3.40 on a scale of 0 - 4.00. Graduate students must have had a 3.40 average as undergraduates to qualify.
* Must have a graduation date of May/June 2017 or later.
* The nominee’s scholastic ability, character, leadership and potential service to the industrial engineering profession are all considered by the scholarship fund trustees when selecting the scholarship recipients.

---------------------------------------------------------------------------------------------------------------------**Engineer Girl**

<http://www.engineergirl.org/10209.aspx>

Imagine yourself as an engineer working on a promising new technology. You may want to consider some of the technologies currently being developed to address one of Engineering’s Grand Challenges.

Write an essay briefly describing the technology and what improvements you think it can provide in at least one of the four main areas of engineering responsibility:

* Safety
* Health
* Well-being, and
* Environmental sustainability

Discuss any challenges to safety, health, well-being, and sustainability that this technology might present, and describe what you, as an engineer, would do or consider to be sure that your responsibilities are fully addressed.

The contest is open to individual girls and boys in the following three competition categories:

Elementary School Students (grades 3-5); Essays must be 400 to 700 words.

Middle School Students in (grades 6-8); Essays must be 600 to 1100 words.

High School Students (grades 9-12); Essays must be 1000 to 1500 words.

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[**Angela Award**](http://www.nsta.org/about/awards.aspx?lid=tnav#angela)

<https://www.nsta.org/about/awards.aspx>

<https://app.reviewr.com/s1/site//NSTATeacherAwards2019>

<http://www.nsta.org/docs/awards/Angela.pdf>

This award honors one female student in grades 5–8, who is involved in or has a strong connection to science. The award has been established in honor of Gerry Wheeler, Executive Director Emeritus, and his outstanding dedication to NSTA and lifelong commitment to science education.

**Eligibility:** Any female student in grades 5–8 who is a resident of the United States, US Territories, or Canada, and is enrolled in full time public, private, or home school. NSTA employees, NSTA Board and Council members, award judges, and their immediate families are NOT eligible to apply.

**Award:** $1,000 US EE Savings Bond or Canadian Savings Bond purchased for the equivalent issue price. The awardee will be honored at the Teacher Awards Banquet at NSTA's National Conference.

For more information, contact Amanda Upton, the NSTA Awards and Recognition Program liaison, at 703.312.9217 or [awards@nsta.org](mailto:awards@nsta.org), or apply online by clicking on a link below.

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**MATHCOUNTS Competition**

<http://www.mathcounts.org/programs/competition-series>

The MATHCOUNTS Competition Series is the only competition program of its kind, with live, in-person events in all 50 states, as well as U.S. territories and schools worldwide through the U.S. Department of Defense and State Department. With competitions taking place in over 500 local chapters, there's a competition happening near you!

The Competition Series is ideal for students who have a talent and passion for math who need to be challenged. Students will engage in exciting, "bee-style" contests in which they will compete against and alongside other bright, motivated students. At the local, state and national level, students win hundreds of thousands of dollars in scholarships and prizes every year.

Students enrolled in the sixth, seventh or eighth grade are eligible to participate in the MATHCOUNTS Competition Series. Students taking middle school mathematics classes who are not full‑time sixth, seventh or eighth graders are not eligible. Participation in MATHCOUNTS competitions is limited to three years for each student though there is no limit to the number of years a student may participate in the school‑based coaching phase.

Schools can register up to 10 students who will represent the school at the chapter competition. An unlimited number of students can participate in the school-level competitions, which take place in December or January, and are run by the Competition Coaches. All types of schools - public, private, charter, virtual and homeschools - are eligible to register for the Competition Series.

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**NSF Graduate Research Fellowship Program**

<https://www.nsfgrfp.org/>

The NSF Graduate Research Fellowship Program recognizes and supports outstanding graduate students in NSF-supported science, technology, engineering, and mathematics disciplines who are pursuing research-based Master's and doctoral degrees at accredited United States institutions.

---------------------------------------------------------------------------------------------------------------------**The American Nuclear Society Graduate Scholarships**

<http://www.ans.org/honors/scholarships/>

## A maximum of twenty-nine graduate scholarships are available for full-time graduate students in a program leading to an advanced degree in nuclear science, nuclear engineering, or a nuclear-related field. ANS also ANS Undergraduate/Graduate Scholarships

One [James R. Vogt](http://www.ans.org/honors/scholarships/vogt.php) Radiochemistry Scholarship - Applicants must have completed a minimum of two years in an accredited undergraduate program and be enrolled in a four-year college or university in the U.S. Undergraduates in their junior and senior years are eligible to apply as are graduate students in their first or second year of graduate study. Students must be engaged in proposing to undertake graduate or undergraduate research in radioanalytical chemistry or its applications. Applicants must be U.S. citizens or hold permanent-resident visa at the time of application.

Applicants interested in being considered for the James R. Vogt Scholarship should include in their "Personal Statement of Future Plans" interest in radioanalytical chemistry and its applications.

Two [Pittsburgh Local Section Scholarships](http://local.ans.org/pittsburgh/scholar.html) - one for a graduate student (studying nuclear science and technology) and one for an undergraduate student (studying nuclear science and technology) who either have some affiliation with Western Pennsylvania or who attend school at a nearby university within the region. Applicants must check the Pittsburgh Local Section box on the scholarship form.

Awards the following individual graduate scholarships:

Robert A. Dannels Scholarship - Nomination of handicapped persons is encouraged.

Verne R. Dapp Scholarship (odd years)

Walter Meyer Scholarship (even years)

Everitt P. Blizard Scholarship - For students pursuing graduate studies in the field of radiation protection and shielding.

Allan F. Henry/Paul A. Greebler Scholarship - For students pursuing graduate studies in the field of reactor physics. An applicant for the Allan F. Henry/Paul A. Greebler Scholarship must be a full-time graduate student of a North American university engaged in Masters or PhD research in the area of nuclear reactor physics or radiation transport. Students of all nationalities are eligible for the Henry/Greebler Scholarship

Saul Levine Memorial Scholarship

Fuel Cycle and Waste Management Division John Randall Scholarship - For students pursuing graduate studies in the areas of science and engineering related to the nuclear fuel cycle and radioactive waste management

James F. Schumar Scholarship - For students pursuing graduate studies in material science and technology for nuclear applications.

Nuclear Criticality Safety Pioneers Scholarship

Decommissioning, Decontamination and Reutilization Scholarship (Masters Level) for students pursuing a degree in engineering or science major with emphasis on decommissioning/decontamination or, management/characterization of radioactive waste or, restoration of the environment or, nuclear engineering

Applicants must check the appropriate box for the Blizard, Dannels, Henry/Greebler, Pittsburgh Local Section, Randall, Schumar, or Vogt Scholarships.

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**National Defense Science and Engineering Graduate (NDSEG) Fellowships**

<https://ndseg.asee.org/>

As a means of increasing the number of U.S. citizens and nationals trained in science and engineering disciplines of military importance, the Department of Defense (DoD) plans to award approximately 200 new three-year graduate fellowships in April, subject to the availability of funds. The DoD will offer these fellowships to individuals who have demonstrated the ability and special aptitude for advanced training in science and engineering.

National Defense Science and Engineering Graduate (NDSEG) Fellowships are awarded to applicants who will pursue a doctoral degree in, or closely related to, an area of DoD interest within one of the fifteen following disciplines:

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

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