

STEM – Science, Technology, Engineering, Mathematics

- **Alfred Chisholm/BASF Memorial Scholarship Fund**—This scholarship was created in 1997 in memory of Alfred Chisholm, a leader in his community. With the support of the BASF African-American Employees Group (AAEG), one deserving student will receive \$5,000 toward college assistance. Candidates must also have a relative employed with BASF. Eligible majors are **Engineering, Mathematics, Chemistry, or Biology**. Must have minimum GPA of 2.7.
http://www.uncf.org/forstudents/scholarDetail.asp?Sch_ID=37
- **Alfred C. Knight Memorial Scholarship**—benefits students who are majoring in pure or applied **Mathematics or Science**.
<http://students.asu.edu/node/1191>
- **Alma and Ruth Wilson Scholarship**—Applicant must be a U.S. citizen, an Arizona resident, an Arizona high school graduate, and a full-time student and must demonstrate high academic achievement and leadership ability. Eligible majors are agriculture, **life/natural sciences**, music, and pre-law.
<http://students.asu.edu/node/1041>
- **American Chemical Society (ACS) Scholars**—Applicant must be an **African-American, Hispanic/Latino, or Native American** (including Native Hawaiian and Alaskan Native) with a minimum 3.0 GPA. Eligible majors are **chemistry, chemical-related science**.
<http://www.aie.org/Scholarships/detail.cfm?ID=7626>
- **American Foundation for Aging Research Scholarship/Fellowship**—is available to undergraduate, graduate or pre-doctoral students enrolled in a degree program at a college or university in the United States. You must be actively involved in, or planning active involvement in, a specific biomedical or biochemical research project with a faculty member in the field of aging. Eligible Majors are **Molecular & Cellular Biology, Immunobiology, Neurobiology, Biochemistry, Molecular Biophysics, Genomics, or Cancer Research**.
http://www.ncsu.edu/project/afar/apply_online.htm
- **American Meteorological Society (AMS) Scholarships and Fellowships**—Applicants must be entering their freshman year of college as a full-time student and plan to pursue a degree in the **atmospheric or related oceanic or hydrologic sciences**.
<http://www.ametsoc.org/amsstudentinfo/scholfeldocs/freshundergradscholarhip.html>

- **APS Minority Scholarship**—Any **African-American, Hispanic American, or Native American** U.S. citizen or permanent resident who is **majoring or planning to major in physics**, and who is a high school senior, college freshman, or sophomore is eligible to apply for the scholarship.
<http://www.aps.org/programs/minorities/honors/scholarship/index.cfm>
- **Association for Women in Science**—in general, **female students** who are high school seniors and plan to study science in the next academic year may apply. Applicants must be U.S. citizens or permanent residents who plan to attend a college or university in the United States. Applicants must have a 3.75 high school grade point average (on a 4.0 scale) and a math plus verbal SAT score of at least 1200 or an ACT composite score of 25. Eligible fields include the **behavioral, life, and physical sciences and engineering**.
<http://www.awis.org/careers/edfoundation.html#undergraduate>
- **Brower Youth Award**—is available to students ages 13 to 22 who have demonstrated outstanding environmental leadership in the areas of conservation, preservation and restoration. You must be a resident of the United States or Puerto Rico and play a major leadership role in an environmental project. Qualifying activities may include campus organizing, habitat restoration or clean-up of toxic waste. Applicable majors are **Conservation, Preservation, and Restoration**.
<http://broweryouthawards.org/article.php?id=113>
- **Cardinal Health Scholarship**—Open to all four-year accredited undergraduate colleges. Students must be a rising sophomore or junior, majoring in **Engineering, Pharmacy, Chemistry**, or in their first or second year of pursuing a degree in Pharmacy. Applicants must demonstrate non-collegiate leadership experience. GPA minimum 3.0.
http://www.uncf.org/forstudents/scholardetail.asp?Sch_ID=14701
- **Davidson Fellows Scholarships**—is open to students who can demonstrate noteworthy achievements through the creation of a "significant piece of work" aimed at improving the lives of others in the areas of **science, technology, mathematics**, music, literature, philosophy and/or outside the box. A "significant piece of work" is defined as an exceptionally creative application of existing knowledge; a new idea with high impact; an innovative solution with broad-range implications; an important advancement that can be replicated and built upon; an interdisciplinary discovery; an exemplary performance; and/or another demonstration of extraordinary accomplishment. You must also be under the age of 18 as of October 1, 2008 and be a U.S. Citizen or permanent U.S. resident, residing in the United States to be eligible for this award.
http://www.ditdgifted.org/Article/Davidson_Fellow_Scholarships_36.aspx
- **Dorothy F. Kause Scholarship**—The Dorothy F. Kause Scholarship was created to provide scholarship support for ASU students who are residents of Maricopa County and are majoring in a science field. Recipients must be residents of Maricopa County; **majoring in Science** and have demonstrated financial need as determined by the Office of Student Financial Assistance. GPA also to be considered for this award.
<http://students.asu.edu/node/1186>

- Empire Southwest Machinery Co. Scholarship—Applicant must be an Arizona resident and Arizona high school graduate, have a minimum 2.0 GPA, and be a full-time student. Eligible majors are agriculture, business, **engineering**, and mining.
<http://www.aie.org/Scholarships/detail.cfm?ID=16549>
- Eugene Borson Memorial Scholarship—Eugene (Gene) Borson was a Fellow of IEST, and was a leader in the field of aerospace environmental and contamination engineering until his death in 2005. He had a long and distinguished career and was a source of inspiration through his dedication and technical expertise. The Eugene Borson Memorial Scholarship was established by IEST in grateful appreciation of his service. Must be an undergraduate college or university student enrolled full-time in an accredited institution; minimum of 3.0 on a 4.0 scale in most recent semester/quarter *and* cumulative GPA; have recommendation from a science, mathematics, or engineering faculty member; major in **science or engineering** (if declared).
http://www.iest.org/i4a/pages/index.cfm?pageid=3377#Eugene_Borson_Scholarship
- The Gates Millennium Scholars—funded by a grant from the Bill & Melinda Gates Foundation, was established in 1999 to provide outstanding **African American, American Indian/Alaska Native, Asian Pacific Islander American, and Hispanic American** students with an opportunity to complete an undergraduate college education in all discipline areas and a graduate education for those students pursuing studies in **mathematics, science, engineering**, education, public health or library science. Scholarship is available to graduating high school seniors. It provides substantial scholarship awards to exceptional high school seniors for study at the college of their choice. Eligible applicants must have a minimum grade point average (GPA) of 3.3 on a 4.0 scale, demonstrated leadership skills, and significant financial need.
<http://www.hsf.net/Scholarships.aspx?id=432>
- Hispanic Scholarship Fund/General Motors Scholarship Program—The Hispanic Scholarship Fund (HSF) and General Motors (GM) have partnered to provide financial resources to assist outstanding Latinos pursuing degrees in **Engineering** and Business. Applicants may be graduating high school seniors or current undergraduates (Freshmen, Sophomore, and Junior). The award amount is \$2,500. Eligibility requirements must be of **Hispanic heritage**, must have minimum cumulative GPA of 3.0, full-time enrollment, must be majoring in Engineering, Business, or Human Resources.
<http://www.hsf.net/scholarships.aspx?id=314>
- Hispanic Scholarship Fund/Toyota High School Scholarship Program—This scholarship is open to outstanding Latino high school graduates entering as freshmen students at selected universities and in selected majors. Must be of **Hispanic heritage**, have a cumulative GPA 3.0, be entering Arizona State University as a full-time freshman. Must be pursuing a degree in **Bio-Engineering, Chemical Engineering, Environmental Management/Science, Environmental/Geological Engineering, or Engineering**.
<http://www.hsf.net/scholarships.aspx?id=476>

- **HP Scholars**—The HP Scholar program offers scholarship opportunities to underrepresented **minority (African American, Latino, or American Indian) students who will pursue a bachelor of science degree in computer science, computer engineering or electrical engineering** at an HP Scholar partnership university. High school seniors and community college transfer that are preparing to attend one of our partnership universities are invited to apply for this scholarship prior to enrollment at the university.
<http://www.hp.com/scholars/>
- **Hubertus W. V. Willems Scholarship for Male Students**—Applicant must be a **male** majoring in one of the following fields: **Engineering, Chemistry, Physics or Mathematical Sciences**. Applicant must be a United States citizen and be applying to or accepted at an accredited college (excluding proprietary schools) in the United States. NAACP membership and participation is highly desirable. Must be a full-time student.
http://www.uncf.org/scholarships/scholar_detail.asp?Sch_ID=7873
<http://www.naacp.org/youth/scholarships/information/index.htm>
- **Park Espenschade Memorial Scholarship**—Park Espenschade was a member of IEST. At his death in 1976, the Park Espenschade Education Fund was established to honor Park Espenschade's enthusiasm, energy, devotion, and commitment to the education and training of young people in the environmental sciences. Must be an undergraduate college or university student enrolled full-time in an accredited institution; have minimum of 3.0 on a 4.0 scale in most recent semester/quarter *and* cumulative GPA; have recommendation from a science, mathematics, or engineering faculty member; major in **science or engineering** (if declared).
http://www.iest.org/i4a/pages/index.cfm?pageid=3377#Park_Espenschade_Scholarship
- **Robert N. Hancock Memorial Scholarship**—Robert N. Hancock was a Fellow and Past President of IEST, a long-time member of the Editorial Board of the *Journal of the IEST*, and a leader in the field of environmental engineering until his death in 2006. One of the early proponents of environmental stress screening and combined environmental testing, he had a long and distinguished career and was a source of inspiration through his dedication and technical expertise. The Robert N. Hancock Memorial Scholarship was established in 2006 by IEST to honor Robert Hancock's energy, devotion to IEST and the field in which he worked, and his commitment to the education and training of young people in the environmental sciences. Scholarship is awarded annually by IEST for the best original technical paper written by a student and published in the *Journal of the IEST*. **Topics for papers must be in the fields of science or engineering**. Papers should be limited to 10 pages, including text double-spaced in 10-point type, figures, and tables.
http://www.iest.org/i4a/pages/index.cfm?pageid=3377#Robert_Hancock_Scholarship
- **SAE Engineering Scholarships**—In recognition of the important contributions made by engineers in improving the quality of our lives, particularly those related to mobility, SAE is proud to be able to offer a number of scholarships to qualified students who are interested in the study of **engineering and related sciences**. These scholarships are made possible by the support of the corporate and academic community.
<http://students.sae.org/awdscholar/scholarships/engscholar/>
- **Siemen Competition in Math, Science, and Technology**—Competition to encourage students to do research in math, science, or technology, giving young scientists the opportunity to present their research to leading scientists in their field. Eligible majors are **Biology, Chemistry, Engineering, Environmental Science, Materials Science, Mathematics, Physics, Medicine, or Computer/Information Sciences**.
<http://www.collegeboard.com/student/pay/scholarships-and-aid/23619.html>

- SWE (Society of Women Engineers) Scholarships—provides financial assistance to **women** admitted to accredited baccalaureate or graduate programs, in preparation for careers in **engineering**, engineering technology and computer science (includes **Bioengineering at the Tempe campus**).
<http://students.asu.edu/node/218>
- The Technical Minority Scholarship Program—Applicants must be academic high-achievers (3.0 or better GPA). Applicants must be US citizens or visa-holding Permanent Residents of **African American, Asian, Pacific Island, Native American, Native Alaskan, or Hispanic** descent. They must be enrolled as a full time undergraduate or graduate student in any of the following technical fields: **Chemistry**, Information Management, Computing & Software Systems, **Material Science**, Printing Management Science, Laser Optics, **Physics, Engineering** (Chemical, Computer, Electrical, Imaging, Manufacturing, Mechanical, Optical, or Software).
http://www.xerox.com/go/xrx/template/009.jsp?view=Feature&Xcntry=USA&Xlang=en_US&ed_name=Careers_Technical_Scholarship
- Young Epidemiology Scholars Student Competition—open to high school juniors and seniors. Eligible majors are Epidemiology, Sociology, **Health Sciences, and Mathematics**. An individual research project that applies epidemiological principles to a health-related area is also required.
<http://www.collegeboard.com/yes/fs/atc.html>
- The Young Naturalist Awards Scholarship Program—For students in grades 7-12 in the U.S, and Canada to plan and conduct scientific investigations and report them in an illustrated essay. Eligible majors are **Science (general) and Natural Sciences**.
<http://www.amnh.org/nationalcenter/youngnaturalistawards/>

SOLS - Arizona State University

- Armstrong, Earl & Patricia—Eligible majors are **Pre-Medicine, Biology, and Health**. Minimum 3.0 GPA. To ascertain the basic criteria for this scholarship, please go to the UNCF home page. Click on "Scholarships", then the "General" tab.
http://www.uncf.org/forstudents/scholardetail.asp?Sch_ID=2454

Pre-Health (Health Occupations)

- **Health Professions Preparatory Pregraduate Scholarship**—Applicant must be a member of a federally recognized **American Indian or Alaskan Native tribe**, be a high school graduate or equivalent in good standing at current educational institution, have the capacity to complete a health professions course of study, and be accepted or enrolled in a health professions pregraduate baccalaureate degree program. Study areas are **Pre dentistry, premedicine, preosteopathy**.
<http://www.aie.org/Scholarships/detail.cfm?ID=10446>
- **Physicians Assistant Scholarship**—is available to high school and college students in the United States. To be eligible you must participate in a series of online quizzes based on your knowledge of core course associated with the physician assistant curriculum.
<http://cksf.org/cksf.cfm?Page=Home&Subpage=PhysicianAssistant>