

# Engineering

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## **1. Albert Easton White Distinguished Teacher Award, American Society of Metals**

Website: <http://www.asminternational.org/>

Discipline: Science and Engineering

Deadline: February 1 (2 years prior to year of presentation)

Description: Membership is required for the award. To sign up for membership, visit <http://www.asminternational.org/AsmEnterprise/MembershipOne.aspx>.

Criteria for award are: Unusually long (not less than 15 years) and devoted service in teaching materials science and engineering, inspire and impart enthusiasm to students, have significant materials accomplishments, have five years current, continuous membership, and three statements from close associates.

Nomination forms are available at:

[http://www.asminternational.org/Content/NavigationMenu/Membership/AwardsProgram/Awards/Teacher\\_Awards/Teacher\\_Awards.htm#2](http://www.asminternational.org/Content/NavigationMenu/Membership/AwardsProgram/Awards/Teacher_Awards/Teacher_Awards.htm#2)

## **2. American Institute for Medical and Biological Engineering**

Website: <http://www.aimbe.org/search/index.php?keywords=awards&content=1>

Discipline: Medical and Biological Engineering

Deadline: Wednesday, October 31, 2007

Description: The **Pierre Galletti Award** was established in 1999 by the AIMBE Board of Directors to honor its Founding Member and Past President. The award is presented to an individual in recognition of his/her contributions to public awareness of medical and biological engineering, and to the promotion of the national interest in science, engineering and education. The **Galletti Award** is the highest honor that AIMBE bestows on an individual. Nominations are solicited by the AIMBE Awards Committee from the entire membership including all Councils and the College of Fellows. The award is presented at the Annual Event of AIMBE, though awardees have not been named every year.

## **3. CA Hogentogler Award, American Society of Testing Materials**

Website: [http://www.astm.org/cgibin/SoftCart.exe/DIGITAL\\_LIBRARY/JOURNALS/GEOTECH/PAGES/164.htm?L+mystore+bazc6262](http://www.astm.org/cgibin/SoftCart.exe/DIGITAL_LIBRARY/JOURNALS/GEOTECH/PAGES/164.htm?L+mystore+bazc6262)

Discipline: Sciences and Humanities

Deadline: N/A

Description: The 1991 C. A. Hogentogler Award was presented to David I. Stannard of the United States Geological Survey in Denver, Colorado. The Hogentogler Award is presented to the author or authors of a paper of outstanding merit on soil or rock for engineering purposes published by the Society. The award was established in 1953 to stimulate research, encourage the exchange of knowledge, and recognize meritorious effort. It is administered by a three-member Award Committee of Committee D-18 on Soil and Rock. More information, including details on how to submit a nomination and criteria for selection, is available by contacting Liz Carnley, ASTM Awards Coordinator at [ecarnley@astm.org](mailto:ecarnley@astm.org), or by phone at (610) 832-9684.

#### **4. IEEE Fellows**

Website: <http://www.ieee.org/web/membership/fellows/index.html>

Discipline: Sciences and Engineering

Deadline: March 1<sup>st</sup> 2008 (for 2009 nominee)

Description: The Fellows Program was established to recognize and honor outstanding members for their significant accomplishments in the advancement or application of engineering, science, and technology and for their contributions to the mission of the IEEE: to advance global prosperity by fostering technological innovation, enabling members' careers and promoting community worldwide.

The IEEE Fellows are an elite group from around the globe. The IEEE looks to the Fellows for guidance and leadership as the world of electrical and electronic technology continues to evolve. To find out more about the program, click any of the items under the Fellows Menu on the navigation bar to the left.

#### **5. IEEE Medal of Honor**

Website: <http://www.ieee.org/portal/pages/about/awards/sums/mohsum.html>

Discipline: Radio Engineers

Deadline: July 1st

Description: The IEEE Medal of Honor is the Institute's highest award. Five years after the formation of the Institute of Radio Engineers, the IEEE Medal of Honor was established as its first award to recognize distinguished service in the then fledgling art of radio communications. Thus, the first Medal of Honor was bestowed on Major Edwin H. Armstrong in 1917.

#### **6. National Inventors Hall of Fame Collegiate Inventors**

Website: <http://www.invent.org/collegiate/>

Discipline: Science and Mathematics

Deadline: N/A until November 2007

Description: Annual program to encourage college students active in science, engineering, mathematics, technology, and creative invention by providing cash awards and recognition for extraordinary achievement.

Students must be enrolled (or have been enrolled) full-time (in any college or university) at least part of the 12-month period prior to the date the entry is submitted. In the case of a team, (maximum of four students) at least one member of the team must meet the full-time eligibility criteria. The other team members must have been enrolled on a part-time basis (at a minimum) sometime during the 24-month period prior to the date the entry is submitted.

There are no limits on the number of entries a student or team may submit in a given year; however, only one prize per student or team will be awarded.

#### **7. NIH Early Career Award**

Website: <http://grants.nih.gov/grants/policy/pecase.htm>

Discipline: Sciences

Deadline: N/A

Description: The Presidential Awards are intended to recognize and nurture some of the finest scientists and engineers who, while early in their research careers, show

exceptional potential for leadership at the frontiers of scientific knowledge during the twenty-first century. The Awards will first and foremost support the continued development of the awardees, foster innovative and far-reaching developments in science and technology, increase awareness of careers in science and engineering, give recognition to the scientific missions of participating agencies, enhance connections between fundamental research and national goals, and highlight the importance of science and technology for the nation's future.

The Presidential Award is the highest honor bestowed by the U.S. government on outstanding scientists and engineers beginning their independent careers. The White House following recommendations from participating agencies will confer the awards annually. To be eligible for a Presidential Award, an individual must be a U.S. citizen, national or permanent resident. Each Presidential Award will be of five years duration. Selection criteria and processes are dependent upon the agency.

### **8. NSF Presidential Awards for Excellence in Science, Math, and Engineering**

Website: <http://www.nsf.gov/pubs/2004/nsf04525/nsf04525.htm>

Discipline: Science and Mathematics

Deadline: First Tuesday in March

Description: The PAESMEM Program seeks to identify outstanding mentoring efforts that enhance the participation of groups (i.e., women, minorities, and persons with disabilities) that are underrepresented in science, technology, engineering, and mathematics. The awardees serve as leaders in the national effort to develop fully the Nation's human resources in science, technology, engineering, and mathematics.

### **9. Packard Fellowships**

Website: <http://www.packard.org/genericDetails.aspx?RootCatID=3&CategoryID=152>

Deadline: Various

Discipline: Science and Engineering

Description: Fellows must be faculty members who are eligible to serve as principal investigators engaged in research in the natural and physical sciences or engineering and must be within the first three years of their faculty careers. Disciplines that are considered include physics, chemistry, mathematics, biology, astronomy, computer science, earth science, ocean science, and all branches of engineering. Candidates engaged in research in the social sciences are not considered. The intent of the Fellowship Program is to provide support for unusually creative researchers early in their careers; faculty members who are well established and well funded are less likely to receive the award. It is further the intent of the Foundation to emphasize support for innovative individual research that involves the Fellows, their students, and junior colleagues, rather than extensions or components of large-scale, ongoing research programs. See <http://www.packard.org/categoryDetails.aspx?RootCatID=4&CategoryID=4> for a list of subprograms accepting proposals. Applications instructions may vary with subprogram. Letters of inquiry welcomed.