



IEEE

The world's leading professional association for the advancement of technology

Undergraduate scholarships, awards, and competitions

- IEEE Canadian Foundation Grants and Scholarships
- IEEE Computer Society Richard E. Merwin Scholarship
- IEEE Industry Applications Society Myron Zucker Undergraduate Student Design Awards
- IEEE Engineering in Medicine and Biology Society Undergraduate Student Design Competition
- IEEE Computational Intelligence Society Conference Travel Grants

Student Paper Contests

- IEEE Regional Student Paper Contests
- IEEE Student Paper Contest Hall of Fame
- IEEE Power Engineering Society Student Prize Paper Award in Honor of T. Burke Hayes
- IEEE Engineering in Medicine and Biology Society Student Paper Contest
- IEEE Computer Society Lance Stafford Larson Student Scholarship for Best Student Paper
- IEEE Systems Man and Cybernetics Student Paper Competition

General awards for active IEEE Student members

- IEEE RAB Larry K. Wilson Regional Student Activities Award
- AT&T Labs Student Enterprise Award
- Student Design Competitions
- IEEE Computer Society CSIDC Competition
- US Environmental Protection Agency P3 Student Design Competition for Sustainability

Student Internships

- Wise Internships

Graduate scholarships, fellowships, and awards

- IEEE Charles LeGeyt Fortescue Fellowship
- IEEE Components, Packaging, & Manufacturing Technology Society - Graduate Fellowship for Research on Electronic Packaging
- IEEE Dielectrics and Electrical Insulation Society Graduate Student Fellowship
- IEEE Electron Devices Society Graduate Student Fellowship
- IEEE Lasers and Electro-Optics Society Student Projects Program
- IEEE Life Members' Fellowship in Electrical History
- IEEE Life Member Graduate Study Fellowship
- IEEE Microwave Theory and Techniques Society Graduate Fellowships
- IEEE Computational Intelligence Society Conference Travel Grants
- IEEE Computational Intelligence Society Summer Research Grant
- IEEE Nuclear and Plasma Sciences Society Graduate Scholarship Award
- IEEE Solid-State Circuits Society Pre-Doctoral Fellowship

Student Branch awards

- IEEE Regional Exemplary Student Branch Award
- Outstanding Branch Counselor and Advisor Recognition Program
- IEEE Student Branch Web Site Contest
- Student Award Results

Student Branch resources

- Student Exchange Program (SEP)

Please visit the IEEE Website, www.ieee.org/students, for more information on Student Programs



Engineering in Medicine and Biology Society Undergraduate Student Design Competition

Description

The competition involves designing and building an original device or product not currently offered on the market that applies engineering principles and technology to problems in medicine and biology. Other acceptable designs include a modification of an existing product, and may consist of hardware, software, or a combination of both.

Prize

\$300-first place award and plaque, \$200-second place award and plaque, \$100-third place and plaque. The winners of the Student Design Competition will be announced at the Awards Ceremony during the IEEE EMBS Annual International Conference, and will be invited to submit expanded versions of their work for publication in the EMB Magazine. Each finalist will receive complimentary conference registration and social function tickets; a set of conference proceedings and a travel reimbursement stipend in US funds.

Deadline

1 June (annually)

Eligibility

IEEE Engineering in Medicine and Biology Society (EMBS) undergraduate Student members (or membership applied for by 1 June).

Basis for Judging

Design entries of 10 pages or less should be submitted with a title page; student(s) name, address, telephone; school name; abstract or summary background, purpose and scope; a discussion of technical description with analysis support, a conclusion, and specifications. A separate verification of project success must be supported either with videotape and/or photographs.

The finalists must attend the IEEE EMBS Annual International Conference and present their designs in the regular conference programs as a poster presentation.

Contact

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EMBS recommends that students visit the annual conference website for specific information regarding the competition.