2020 Undergraduate Student Fellowship

Description: One-year fellowships awarded to promote, recognize, and support undergraduate level study and hands-on experience within the Electron Devices Society's field of interest. The field of interest for EDS: all aspects of engineering, physics, theory, experiment and simulation of electron and ion devices involving insulators, metals, organic materials, plasmas, semiconductors, quantum-effect materials, vacuum, and emerging materials. Specific applications of these devices include bioelectronics, biomedical, computation, communications, displays, electro and micro mechanics, imaging, micro actuators, optical, photovoltaics, power, sensors and signal processing.

Five fellowships are expected to be awarded to IEEE geographical regions with the selection of only one fellowship to each eligible student in each of the IEEE geographical Regions 8,9, and 10 and two fellowships in Regions 1-7 not exceeding one from Region 7.

Prize: US$1,000 and a plaque to the student, to be presented by the Dean or Department head of the undergraduate program of the student's resident institution.

Eligibility: Candidate must be an IEEE EDS student member at the time of nomination; a full-time undergraduate student in an engineering program of an accredited academic institution; successfully completed at least an undergraduate course on microelectronic devices or fabrication processes with a passing grade of at least B or equivalent; strong proven interest (enrolling microelectronic device/process courses and undergraduate research projects) to continue study and research in a graduate program in the EDS field-of-interest at an accredited academic institution; must be a fresh candidate; previous award winners are not eligible. The nominator must be an IEEE EDS member and preferably be serving as the candidate's mentor or faculty advisor of IEEE EDS Student Branch of the institute.

August 15, 2020 Submission Deadline

Nomination Package

- Nominating letter by an EDS member and preferably by serving as the candidate's mentor or faculty advisor of IEEE EDS Student Branch of the institute.
- One-page biographical sketch of the undergraduate student (including student's mailing address and e-mail address).
- Two-page (maximum) statement by the student applicant describing their education and research interests and accomplishments. This can include undergraduate, graduate and summer internship research work.
- One copy of the student's transcripts/grades.

Timetable

- Completed nomination packages are due at the EDS Executive Office no later than **August 15 2020.**
- Recipients will be notified in September.
- Monetary awards will be presented by the Dean or Department Chair of the undergraduate program of the student's resident institution.

Please submit application packages via e-mail to:

Stacy Lehotzky
Email: s.lehotzky@ieee.org

Visit the EDS website for more information