IEEE Antennas and Propagation Society
Doctoral Research Grants and
Eugene F. Knott Memorial Pre-Doctoral Research Grants

The IEEE Antennas and Propagation Society (AP-S) awards up to five $2,000 pre-doctoral grants and up to seven $4,000 doctoral grants each year to encourage students to pursue careers in the area of electromagnetics. The pre-doctoral grant honors the memory of Eugene F. Knott, who was a distinguished researcher and contributor to the Society. The grants are intended to support students involved in research directed by a faculty member at their institution who is a member of the IEEE AP-S. Two competitions are held each year.

To be eligible, each applicant …
• must have completed or be enrolled in at least one electromagnetics course at the time of application.
• must show strong interest in a career in the area of electromagnetics.
• must have the endorsement of a university/college faculty member at the student’s institution who is a member of the IEEE AP-S.
• must intend to work on a research project of at least one year in length that falls within the field of interest of the IEEE AP-S. The project may be started before the grant recipients are announced but must end before the student’s current degree requirements are completed. Applicants who expect to graduate fewer than six months after the application deadline are not eligible.
• may only receive one grant of each type.

Pre-Doctoral Applicants must be an undergraduate (3-5 year program) or master’s student enrolled in electrical engineering or a related field at an accredited institution of higher learning.

Doctoral Applicants …
• must be pursuing a PhD degree in electrical engineering or a related field at an accredited institution of higher learning.
• must be a member of the IEEE AP-S at the time of application.
• may have previously received a Pre-Doctoral grant.

Advisor may endorse one pre-doctoral applicant and one doctoral applicant per competition attending their institution.

Applications must …
• include a cover sheet with the complete contact information for the student and the faculty advisor, including the student’s and advisor’s IEEE member numbers and the student’s application status (pre-doctoral or doctoral).
• include a complete curriculum vitae or resume that includes periods of attendance at all schools, expected and completed graduation dates, and a list of published and submitted journal and conference papers.
• **include** a project proposal no more than two pages long (including figures) with a font size of at least 11 points. The proposal must include at least one paragraph that describes the technical interests and skills of the student and how they relate to the project. The list of references may extend to a third page.

• **include** a single recommendation letter from the faculty advisor (IEEE AP-S member). The letter must discuss the academic preparation and quality of the student, the potential of the student to contribute to the electromagnetics profession in the future, and the student’s ability to perform the proposed research. The advisor must also verify that the student is or has been enrolled in at least one electromagnetics course and will work on the project for at least one year prior to graduation.

• **must** be written in English with all above documents integrated into a single PDF file.

Applications that do not meet the above requirements will not be considered for review.

**Selection criteria:**

• Creativity and quality of the proposed project and the thoroughness with which it is described
• Discussion of the technical interests and skills of the student and how they relate to the proposed project
• Quality of writing in the proposal, including spelling, grammar, word choice, organization, style, clarity of figures, etc.
• Recommendation letter.

Submit applications at the following web site:

[http://ieeeaps.egr.gvsu.edu](http://ieeeaps.egr.gvsu.edu)

A link to the site should be available at the official AP-S web site.

Each grant recipient will be required to submit a photo to be used in an announcement in the *IEEE Antennas & Propagation Magazine* and to complete a United States Internal Revenue Service Form W-8 or W-9. Disbursement of award funds will be contingent on receipt of the photo and the appropriate form. All applicable taxes are the responsibility of the recipient.

Questions and other correspondence should be directed to:

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