

IEEE Antennas and Propagation Society Pre-Doctoral/Doctoral Research Awards for 2012-13

The IEEE Antennas and Propagation Society (AP-S) awards up to six \$1000 pre-doctoral (undergraduate and masters-level) scholarships and up to ten \$2500 PhD fellowships each year to encourage students to pursue a career in the area of electromagnetics. The awards are intended to support students involved in project work directed by a faculty member at their institution who is a member of the IEEE Antennas and Propagation Society (AP-S). Two award competitions are held each year.

To be eligible, each applicant must...

- be an enrolled undergraduate (3-5 year program), master's, or PhD student in electrical engineering or a related field at an accredited institution of higher learning. Undergraduates and master's-level students compete for the pre-doctoral award. PhD candidates compete for the doctoral award.
- be a member of the IEEE AP-S at the time of application, if competing for a doctoral award.
- have completed or be enrolled in at least one electromagnetics course at the time of application.
- show strong interest in a career in the area of electromagnetics.
- have the endorsement of a university/college faculty member who is a member of the IEEE AP-S.
- intend to work on a research project of at least one year in length that falls within the scope of the IEEE AP-S. The project may be started before the award recipients are announced but must end before the student's current degree requirements are completed. Applicants who expect to graduate less than six months after the application deadline are not eligible.

Previous recipients of pre-doctoral awards are eligible for doctoral awards. Only one award of each type will be granted to a given student. After the project has been completed, the award recipient will be expected to submit a one- to two-page final report, suitable for publication in the *Antennas and Propagation Magazine*, that outlines the results of his or her project and his or her plans for the future.

Selection criteria:

- 40% Creativity and quality of the proposed project and the thoroughness with which it is described
- 15% Discussion of the technical interests and skills of the student and how they relate to the project
- 15% Quality of writing in the proposal (e.g., spelling, grammar, word choice, organization, style, clarity of figures)
- 30% Recommendation letter, especially discussion of items listed in the fourth bullet below

The application 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).
- 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.
- A two-page, single-column description of the proposed project in at least 10-pt font. It must include at least one paragraph that describes the technical interests and skills of the student and how they are relevant to the proposed project.
- A recommendation letter from the faculty advisor. The advisor must be a member of the IEEE AP-S. An advisor may endorse one pre-doctoral applicant and one doctoral applicant at any given time. The letter should 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 should 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.

Applications missing one or more of the above items will not be considered. All application materials must be written in English and integrated into a single PDF document. Each award recipient will be required to submit a photo that will be used in an announcement in the *IEEE Antennas and Propagation Magazine*. Disbursement of award funds will be contingent on receipt of the photo. All recipients will be required to complete a United States Internal Revenue Service Form W-8 or W-9 before award funds can be disbursed. All applicable taxes are the responsibility of the award recipient.

Please integrate all application materials into a single PDF document, and e-mail it to:

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DEADLINES: April 1, 2012 and November 1, 2012