

IEEE Antennas and Propagation Society

Pre-Doctoral/Doctoral Research Awards for 2009-10

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 Antennas and Propagation Society. Two award competitions are held each year.

To be eligible, each applicant must...

- be an undergraduate (3-5 year program), masters, or PhD student in electrical engineering or a related field at an accredited institution of higher learning. Undergraduates and masters-level students compete for the pre-doctoral award. PhD candidates compete for the doctoral award.
- be a member of the IEEE Antennas and Propagation Society, 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 AP-S. The project may be started before the awards are announced but must end before the student's current degree requirements are completed.

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:

- 60% Quality of proposal, including discussion of interests and skills of student relevant to proposed project
- 40% Recommendation letter, especially discussion of items listed in fourth bullet below

The application must include...

- A cover sheet with the complete contact information for the student and faculty advisor, including the student's IEEE member number, if applicable. Student status (undergraduate, masters, or PhD) should be specified.
- A complete curriculum vitae or resume that includes periods of attendance at all schools, expected graduation date, and a list of published and submitted journal and conference papers.
- A two-page description of the proposed project. This should include at least one paragraph that describes the technical interests and skills of the student and how they match the proposed project. The proposal should include the student's name.
- A recommendation letter from the faculty member who will advise the student during his or her proposed work. The advisor must be a member of the IEEE Antennas and Propagation Society and should include his or her IEEE member number in the letter. 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 should be written in English. Each award recipient will be required to submit a photo that will be used in an announcement in *Antennas and Propagation Magazine*. Disbursement of award funds will be contingent on receipt of the photo.

Please send electronic copies (pdf preferred) of the application materials to:

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DEADLINES: April 1, 2009 and November 1, 2009