Summer Internship Program

Are you a third year IIT student looking for a summer internship at one of the top Electrical & Computer Engineering Departments in the USA?

Are you interested in expanding your research interest through a hands-on training program?

Are you considering graduate school?

If you have answered yes to all these questions, then you may be interested in this exciting opportunity at the Electrical and Computer Engineering Department at the University of New Mexico. The ECE Department, one of five departments in the School of Engineering, is committed to excellence in both graduate and undergraduate education involving students in cutting-edge research in Applied Electromagnetics, Wireless Communications, Control Systems, Signal Processing, Computer Graphics, VLSI Design, Optoelectronics, Microelectronics, Nanotechnology, Computer Networks & Systems, Image Processing, and Computational Intelligence. The Electrical Engineering Program at UNM was ranked 35th among public universities (61st in the overall rankings) in the most recent U.S. News and World Report survey. The Electrical and Computer Engineering Department comprises 33 full-time faculty, whose sponsored research exceeded $11M in fiscal year 2004-2005. The Department cultivates a world-class research environment with significant interactions with national laboratories located in New Mexico (such as Sandia and Los Alamos), and with universities and research organizations nationally and internationally.

THE PROGRAM

The ECE department invites applications for the “Expand Your Engineering Skills (EYES)” program for high-caliber undergraduate students to undertake an 8-week summer internship in the Electrical and Computer Engineering Department at the University of New Mexico after the completion of their junior year. The EYES fellows will be chosen by a selection committee based on their academic record, past experience and ability to undertake independent research. They will work on a well-defined research project for 8 weeks under the supervision of an academic advisor from May 14th - July 6th 2007. At the end of their internship tenure, the fellows will have the opportunity to present their research experience in two seminars at the UNM and at their home university. The EYES fellows will be awarded $2700 towards their lodging, living and travel expenses. In addition, health insurance will be paid for by the program. The fellows will also have a “campus” buddy who will help with the logistics during their stay at UNM. The program supported 8 fellows last year and the number is expected to be increased in 2007.

ELIGIBILITY

• All students who have completed their 3rd year B.Tech/B.E in Electrical Eng., Computer Science & Eng., or a closely related field;
• A Cumulative Grade Point Average (CGPA) better than 8.0/10.0

APPLICATION PROCEDURE

Interested students should send the following items: (i) Application Form (ii) Two page CV (iii) One page statement of purpose describing your research interests (iv) Unofficial copy of your transcripts indicating your CGPA and (v) samples of any prior independent work (such as an internship/project report or a publication). The applicants are strongly encouraged to look at the research being undertaken at the ECE Department (www.ece.unm.edu) and at the Center for High Technology Materials (www.chtm.unm.edu) to determine their research interests and identify potential academic advisors. Please email an electronic copy of this material to eyes@ece.unm.edu by Friday, January 5th, 2007. The students will be informed about their selection in early February 2007. The selection process may also involve a phone interview and correspondence with the referees.

To obtain more details about the program, please contact the EYES program coordinator, Ms. Elmyra Grelle (egrelle@ece.unm.edu) or the Program Director, Prof. Sudharman K. Jayaweera (Please indicate EYES in the subject line). You may also find more information and testimonials of past EYES fellows at the program website www.ece.unm.edu/eyes.