



2010 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. Both the Computer Engineering and Electrical Engineering graduate programs are ranked among America's best Graduate Schools by U.S. News. The Electrical and Computer Engineering Department comprises 32 full-time faculty, whose new research contracts exceeded \$18M in fiscal year 2008-2009. 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 17th – July 9th 2010**. 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 5 fellows last year and the number is expected to be increased in 2010.

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 must visit www.ece.unm.edu/eyes to apply. You will be required to choose a user name and password, fill out the application form, upload application material and use the websites checklist to keep track of your application status. Application materials include (i) Two page CV (ii) One page statement of purpose describing your research interests (iv) Scanned copies of your grade sheets indicating your CGPA (v) Samples of any prior independent work (such as an internship/project report or a publication) and (vi) Three recommendation letters sent by either the applicant OR the referee. Recommendation letters are to be e-mailed to eyes@ece.unm.edu. ALL application material must be submitted by **Friday, January 8, 2010**.

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. The students will be informed about their selection in *February 2010*. 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. Anna Roybal (arroybal@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.



The University of New Mexico