Energy Systems Faculty Positions
Department of Electrical & Computer Engineering

The Department of Electrical and Computer Engineering (ECE) at the University of New Mexico invites applications for full-time probationary appointment positions leading to a tenure decision at all levels to begin in the Fall 2011. Candidates should be in the general area of Energy Systems with emphasis on Controls or Microelectronics.

The preferred expertise areas for the Energy Control Systems position include, but are not limited to cyberphysical systems modeling and control; distributed power/energy management; power conversion, protection and control; smart grid infrastructure; intelligent transportation systems; and energy-efficient sensor networks. The specific areas of interest for the Energy Microelectronic Systems position include, but are not limited to smart grid and renewable energy technologies; hardware security; low-power microelectronics; and power-aware microarchitectures.

Salary and rank will be commensurate with the candidate’s qualifications and experience. The positions require the development of a world-class research program, supervising graduate students, and teaching undergraduate and graduate courses in Electrical & Computer Engineering. Candidates must have earned a Ph.D., in Electrical or Computer Engineering or a closely related field by August 1st, 2011. Applicants should demonstrate their potential to establish a high-profile research program. They should also outline their skills to be an effective teacher and mentor.

The ECE Department has 30 tenure-track faculty, 2 endowed chairs, and 27 research faculty. It is currently undergoing a period of aggressive growth, having hired 10 new faculty members in the last 5 years. Sponsored research expendituress for the 2009/10 academic year were over $12M, including research performed by ECE faculty and students in Centers associated with the Department. The Department interacts extensively with the federal laboratories in New Mexico (Air Force Research Laboratory, Sandia National Laboratories and Los Alamos National Laboratory) as well as high-tech companies in the Albuquerque area such as Intel, Lockheed Martin, Boeing, etc. The new faculty member will also be expected to establish research collaborations with these organizations. For additional information about the ECE Department at the University of New Mexico please visit our website at www.ece.unm.edu.

The University of New Mexico is a Carnegie Very High Research Activity Institution and a federally designated Hispanic Serving Institution, with nearly 35,000 students on the main and branch campuses. UNM is located in Albuquerque, the largest city in New Mexico. Albuquerque is an ethnically diverse city of half a million residents that has been listed among the smartest U.S. cities and best places to relocate in America. The city has a rich culture and a location offering unparalleled opportunities for outdoor adventure. The University is located within one hour of Santa Fe, and
within minutes of the Sandia and Manzano mountain ranges, which offer great opportunities for hiking, biking, rock climbing and skiing.

For best consideration, complete applications must be received by December 6, 2010. The position will remain open until filled. Each application must include a cover letter summarizing the applicant’s experience, a detailed CV, a statement of teaching and research interests, and the names, mailing addresses, e-mails, and telephone numbers of at least three references.

Applications should be submitted online through unmjobs.unm.edu, by referencing posting #0808518.

Inquiries should be sent to: energy.search@ece.unm.edu

*The University of New Mexico is an equal opportunity/affirmative action employer and educator. We especially encourage members of underrepresented groups to apply.*