Associate or Full Professor

“Champion” for new Nuclear Engineering Graduate Program
University of South Carolina, Department of Mechanical Engineering

The Department of Mechanical Engineering at the University of South Carolina invites applications for a senior tenure track faculty position for the newly established Nuclear Engineering (NE) Graduate Program. The successful applicant will receive a tenure track position at the rank of Associate or Full Professor, depending on background. This program “champion” is expected to: (a) provide the enthusiasm and experience to develop the new NE program; (b) help establish the curriculum and individual courses’ contents; (c) aid in the recruitment and advising of students and new NE faculty; (d) teach MS/ME and PhD level graduate courses; and (e) develop an externally funded research program in his/her area of specialization.

Background Information: The Nuclear Engineering Graduate Program will offer Master of Science, Master of Engineering and Doctor of Philosophy degrees, with research expected to be developed in the general areas of reactor design, reactor safety, material applications, nuclear waste processing, and fuel cycle variants. This program is being developed in response to a perceived national and state need for nuclear engineering graduates, since the State of South Carolina has been and continues to be deeply involved with nuclear energy. There are seven operating reactors in South Carolina that provide 56% of the state’s electrical generation. The state’s largest employer is the Savannah River Site, where there are current proposals to establish a nuclear park at the site to accommodate both prototype power reactors and a research reactor that could be used by several southeastern universities. In the field of fuel fabrication, Westinghouse Electric Corporation operates a fuel fabrication facility in Columbia, and the Savannah River Site is about to embark on a mixed oxide fabrication facility.

Application Procedure: Applicants are expected to have an earned Ph.D. in Mechanical or Nuclear Engineering or a closely related discipline. Applications should include a current curriculum vitae/resume, addresses of three references, and a statement of proposed research, teaching and leadership plans. The application should be sent to: The Nuclear Engineering Graduate Program Search Committee (c/o Dr. J. Morehouse), Department of Mechanical Engineering, University of South Carolina, Columbia, SC 29208.

The University of South Carolina is an Equal Opportunity Employer.