

PENNSSTATE



## **NEW FACULTY SEARCHES IN MECHANICAL ENGINEERING AND NUCLEAR ENGINEERING**

The Department of Mechanical and Nuclear Engineering at The Pennsylvania State University is pleased to announce a significant growth of faculty over the next three years. It is expected that the faculty will expand by 25% with ten new tenure-track positions in mechanical engineering. This year, the Department is seeking excellent applicants to fill five tenure-track positions in mechanical engineering and two tenure-track positions in nuclear engineering. The areas of interest for mechanical engineering include, but are not limited to: manufacturing and materials processing, cyberphysical systems, energy systems, multi-scale modeling, instrumentation and controls, biomechanics and biomedical devices, automation, and other emerging areas. The areas of interest for nuclear engineering include, but are not limited to: nuclear power and science, reactor physics, nuclear fuel cycle, nuclear materials, and other emerging areas. Applicants should have demonstrated outstanding scholarly research experience and teaching interests in mechanical engineering, nuclear engineering, or a related field.

The Department is home to 50 faculty, 270 graduate students, and 1000 undergraduate students. The faculty conduct in excess of \$27M per year of funded research across a broad spectrum of traditional and emerging areas. Penn State actively encourages and provides resources for interdisciplinary research collaboration through university-level institutes primarily focused on materials, cyberscience, health, and energy. The Department offers separate B.S., M.S., and Ph.D. degree programs in both mechanical engineering and nuclear engineering, including distance graduate programs in both mechanical and nuclear engineering. Further information on the Department can be found at: <http://www.mne.psu.edu/>.

Qualifications for these positions include a doctorate in engineering or a related field. Successful candidates will be expected to teach courses at both the undergraduate and graduate levels, to develop an internationally-recognized, externally-funded research program, and to contribute to the operation and promotion of the department, college, university, and profession through service.

Nominations and applications will be considered until the positions are filled. Screening of applicants will begin on October 15, 2014. Applicants should submit a statement of professional interests, a curriculum vitae, and the names and addresses of four references. Please submit these three items in one pdf file electronically to job #52555 at <http://www.psu.jobs>.

Employment will require successful completion of background check(s) in accordance with University policies. Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.