



The Pennsylvania State University
Department of Mechanical and Nuclear Engineering
Faculty Position in Combustion of Coal-Derived Fuels

The Department of Mechanical and Nuclear Engineering (MNE) at The Pennsylvania State University (<http://www.mne.psu.edu>) invites applications for a full-time, tenure-track faculty position at the assistant professor level. The research focus of this position is the **Combustion of Coal-Derived Fuels**. The successful candidate will complement and advance existing energy-related research and education activities within the Penn State Institutes of Energy and the Environment (PSIEE; <http://www.psiee.psu.edu>). This position is one of 25 new faculty positions in energy science, engineering, and policy that will be filled over the next 3 years as part of an initiative to expand an already strong and diverse program of environmental and energy research and education at Penn State.

We are seeking a candidate with strong research and teaching interests in combustion science and technology specifically related to coal-derived fuels. The candidate is expected to establish a vigorous sponsored research program and have the ability to collaborate effectively on research in related areas with faculty members in MNE and/or with faculty members associated with PSIEE. Successful candidates are expected to develop a strong record in teaching undergraduate and graduate courses in Mechanical Engineering and related degree programs.

Penn State's Mechanical Engineering Undergraduate and Graduate Program's are currently 12th and 15th, respectively, in the U.S. News and World Report rankings. There are 51 tenure/tenure-track faculty in the Department with 660 undergraduate students, 87 Masters students, and 182 Ph.D. students. Annual research funding is approximately \$25M, with approximately 67% government funding, 24% industry funding and 9% foundation and university funding.

Requirements for the position include a doctoral degree in mechanical engineering or a related field. Salary will be commensurate with rank and experience. Although the search is aimed at the Assistant Professor level, in exceptional cases a senior appointment would be considered. Candidates who are women and/or from underrepresented groups are strongly encouraged to apply. Review of applications will begin on **February 15, 2008** and will continue until the position is filled.

Applications should include: 1) formal letter of interest, 2) complete resume/curriculum vitae, 3) statement on research and teaching plans, and 4) names and contact information for at least three references. Mail applications to: Dr. Domenic A. Santavicca, Fuel Flexible Combustion Search Committee Chair, 132 Research East Building, University Park, PA 16802. Electronic submissions to das8@psu.edu are preferred.

The Pennsylvania State University is committed to affirmative action, equal opportunity and the diversity of its workforce. We promote excellence through diversity and encourage all qualified individuals to apply.