Tenure Track Faculty Position in Experimental Thermal-fluid Sciences

The Department of Mechanical Engineering at the University of Idaho invites applications for a tenure-track faculty position at the rank of Assistant Professor with expertise in experimental thermal-fluid sciences. The position will be available beginning in the fall of 2017.

Successful applicants must have a B.S. and an earned Ph.D. in mechanical engineering or a closely related engineering discipline, and a record of accomplishment that demonstrates outstanding abilities or potential in the following skills: oral and written communication, undergraduate/graduate teaching and course development, experimental laboratory course teaching, research and grantsmanship, publication of scholarly activities in peer reviewed journals, academic and professional advising, and work-place cooperation. Duties include developing an externally funded research program, teaching undergraduate and graduate courses, student advising, and service to the university and profession.

Preference will be given to candidates in fundamental and/or applied experimental thermal-fluid sciences with research experience using advanced measurement techniques in applications including but not limited to multiphase/particulate flows, flows related to the food/water/energy nexus, and biological systems. Research interests are desired that synergize with collaborators in the Center for Applied Energy Studies (CAES), the Integrated Design Laboratory (IDL), and food science projects in the Colleges of Agriculture & Life Science. Successful candidates will demonstrate the ability to develop and conduct independent research that augments and complements research strengths of current faculty in the department as well as multidisciplinary research strengths within the University.

Minimum Qualifications
- B.S. and earned Ph.D. in mechanical engineering or closely related field
- Excellent oral and written communication skills
- The ability to develop and teach undergraduate and graduate courses
- The ability to publish research in peer-reviewed journals
- The ability to present research results at national and international conferences
- The ability to develop an externally funded research program
- Workplace cooperation skills
- The ability to participate in academic and professional advising
- Registered professional engineer or become registered within 5 years

Preferred Qualifications
- Experience teaching experimental thermal-fluid and general undergraduate and graduate laboratories
- Experimental research experience and/or relevant industrial experience
Expertise in fundamental and/or applied experimental thermal-fluid sciences with research experience using advanced measurement techniques in applications including but not limited to multiphase/particulate flows, energy related areas, and biological systems

- Strong record of scholarly achievement
- ABET knowledge.

APPLICATION PROCEDURE:
To be considered, applicants should:

- Complete the online application
- Submit the following via the online application system (prefer .pdf or .doc format):
  - A letter of application addressing the responsibilities and qualifications of this position
  - Curriculum Vitae
  - Statement of research interests
  - Statement of teaching philosophy
  - Names and contact information for three references

We are especially interested in qualified candidates who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community.

College of Engineering
For information on the College of Engineering, go to http://www.uidaho.edu/engr

The University of Idaho was founded in 1889 as a land-grant institution and is the primary research and Ph.D. institution in the state of Idaho. The Department of Mechanical Engineering, http://www.uidaho.edu/engr/ME/, offers BS, MS and Ph.D. degrees and is one of 13 academic programs in the College of Engineering. The department has 13 full-time faculty, 464 undergraduate students and 56 graduate students and is accredited by ABET.

The University of Idaho is located in Moscow, Idaho with a population of 21,000 in the panhandle of northern Idaho. The area provides an outstanding quality of life. Moscow is close to wilderness experiences in the mountains and on the rivers and offers easily-accessed outdoor recreation areas. Moscow is eight miles from Washington State University in Pullman, Washington, and 90 miles south of Spokane, Washington.

The University of Idaho is an equal opportunity employer and does not discriminate against any employee or applicant for employment because of race, color, religion, national origin, age, disability, sexual orientation, gender identity/expression or any other reason prohibited under Federal, State, or local laws. EOE AA/M/F/D/V