Tenure Track Faculty Position in Applied Design

Mechanical Engineering Department at the University of Idaho invites applications for a tenure-track faculty position at the rank of Assistant or Associate Professor (DOE) with expertise and experience in design beginning in the fall of 2017. Applicants must have an earned Ph.D. in mechanical engineering or a closely related field. The emphasis is on design, creativity, innovation, and design pedagogy/assessment.

The successful candidate must possess an outstanding scholarly record, as well as demonstrated abilities or the potential to develop a strongly funded program through collaboration with regional and national industries, and interdisciplinary efforts with departments within the College of Engineering, the College of Business, and/or the College of Art/Architecture. Vision and leadership amongst faculty/staff involved in a nationally acclaimed multi-disciplinary senior design program is also integral to this position. Applicants should also have an interest in one of the traditional area of Mechanical Engineering, for example solid mechanics, kinematics, or solid modeling. A demonstrated ability to teach in one of those areas at the undergraduate or graduate level is expected. The successful candidate should have excellent oral and written communication skills, proposal writing skills, and a record of publication of scholarly activities in peer reviewed journals. Ability to collaborate with College of Engineering development staff surrounding major design/manufacturing infrastructure upgrades is also required. The selected applicant would be expected to work closely with students, provide academic and professional advising, and demonstrate the ability to develop and conduct independent research that augments and complements research strengths of current faculty in the department as well as across campus.

Courses to be taught include a two semester capstone design sequence that includes collaboration with departmental faculty/staff as well as graduate students. Additional courses could include sophomore design or technical electives in one of the traditional areas of Mechanical Engineering, for example machine design, design optimization, design of experiments, or project management depending on the background of the successful candidate.

Minimum Qualifications:
* An earned Ph.D. in mechanical engineering or closely related field
* Excellent oral and written communication skills and workplace cooperation skills
* The ability to develop and teach undergraduate and graduate courses
* The ability to publish research in peer-reviewed international journals
* The ability to develop an externally funded research program
* The ability to participate in academic and professional advising
* Interest in taking a lead role in the ME capstone design program
* Registered professional engineer (PE) or become a registered PE within five years

Preferred Qualifications:
* Experience in teaching capstone design,
* Experience in product or process realization
* 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 past and future research interests
  - Statement of teaching philosophy
  - Names and contact information for three references

All application materials must be submitted electronically to the Human Resource Office at the University of Idaho at https://www.uidaho.edu/human-resources/jobs. For full consideration, applications are required to be submitted no later than January 6, 2017. However, applications will be received and reviewed until the position is filled.

**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