The University of Idaho Department of Civil Engineering invites applications for tenure-track positions at the assistant or associate professor level in the following three areas:

1. Sustainable Infrastructure Materials including pavement materials for asphalt and concrete pavements.
2. Structural Engineering – sustainable structures and systems, providing energy efficient structural designs to meet future energy and environmental demands of our civil infrastructure and monitoring the performance of these systems.
3. Transportation – highway and traffic operations, advanced traffic management and control, connected-vehicle and ITS applications, transportation network modeling and optimization, and highway and traffic safety.

The successful candidate in any of these areas should have a strong commitment to quality teaching, advising, and curriculum development at both the undergraduate and graduate levels and will be expected to establish a program of externally sponsored research. At the time of appointment, the applicant must have a Ph.D. in Civil Engineering or a closely related engineering field, and expertise in one of the above areas demonstrated through research and practice. The applicant must have excellent communication skills and be a registered professional engineer or have the ability to become registered within five years of appointment. The department is particularly interested in faculty members with an interest in multidisciplinary research and educational opportunities. Practical experience in industry and/or consulting is highly desirable.

With 14 highly qualified faculty members, the Civil Engineering Department currently serves approximately 205 undergraduate and 65 graduate students with graduate programs located in Moscow, Boise, and Idaho Falls. Faculty members in the Civil Engineering Dept. have ample opportunities for cooperation with the National Institute for Advanced Transportation Technology (NIATT), a multi-disciplinary transportation institute that includes affiliate faculties from several colleges and departments on campus. The CE Dept. and NIATT have strong relation with the Idaho Transportation Department (ITD). CE faculty members at the University of Idaho have well established connections with their counterparts at Washington State University, only 8 miles away. They share course offerings and cooperate in various research projects. Additional information about the Civil Engineering Department may be found at www.uidaho.edu/engr/ce.

Applicants for all positions should have a record of strong scholarly achievement and a demonstrated commitment to excellence in undergraduate and graduate education in core areas of materials, transportation or structures. Candidates at the assistant professor level must have the potential to establish a strong externally funded research program, while candidates for positions at higher ranks are expected to have a history of funded research and a strong national and / or international reputation.
For the “Infrastructure Materials” position, we are seeking candidates interested in conducting research in areas such as innovative pavement materials (WMA, SMA, and fiber-reinforced asphalt), implementation and local calibration of ME design methods and procedures, sustainable construction materials, nondestructive testing and evaluation, and innovative laboratory testing methods. Candidates with new ideas to improve infrastructure materials and rehabilitation methods are particularly encouraged to apply.

For the “Structures” position, candidates are expected to have demonstrated experience in sustainable structural design in terms of efficiency, material properties and selection, and environmental impacts on material production, manufacturing and design, and resilient systems. Opportunities are available to collaborate within the Civil Engineering department on building materials and with the Department of Architecture and Interior Design on green buildings.

For the “Transportation” position, preference will be given to candidates with research and teaching interests in one or more of the following areas: highway and traffic operations, advanced traffic management and control, connected-vehicle and ITS applications, transportation network modeling and optimization, transportation security, and highway and traffic safety.

The successful candidates in any of the three areas listed are expected to teach undergraduate and graduate courses in their area of specialization in addition to service cores courses in the department, mentor graduate students, and establish strong sponsored research in their area of expertise.

The University of Idaho is highly ranked and uniquely positioned as a leader in the Pacific Northwest http://www.uidaho.edu/about/pointsofdistinction, and is located in a beautiful location in the Idaho panhandle http://www.uidaho.edu/about/moscow.

Applicants must apply online by clicking the “Apply online” icon at www.uidaho.edu/humanresources/jobs. Applicants must include a cover letter, curriculum vitae, statement on teaching, research, and leadership philosophies, and contact information for at least five professional references.

Review of applications will begin January 15, 2014, and will continue until the position is filled.

The University of Idaho is an equal opportunity and affirmative action employer. It is the policy of the regents that equal opportunity be afforded in education and employment to qualified persons regardless of race, color, national origin, religion, sex, age, disability, or status as a disabled veteran or Vietnam-era veteran. It is also the policy of the University of Idaho to not discriminate based on sexual orientation.