ANNOUNCEMENT

Graduate Student
for a Ph.D. degree in Civil Engineering needed at the University of Oklahoma in Norman, Oklahoma, USA

A highly-qualified and self-motivated graduate student is being sought to join the Structural Engineering Program in the School of Civil Engineering and Environmental Science (CEES) at the University of Oklahoma (OU) to pursue a Ph.D. degree in civil engineering.

The proposed Ph.D. research centers on advancing data processing and system identification techniques in order to effectively apply nonlinear dynamical system theories to structural engineering for damage detection and beyond.

Qualifications include a solid training background in structural dynamics, advanced mechanics of materials, and finite element modeling. Demonstrated analytical and numerical skills are required. A good command of English is essential for the success of this application. A strong desire to learn and apply new knowledge from mechanical engineering, industrial engineering, electrical engineering, and computer science to solve structural engineering problems is key due to the nature of the proposed research.

Working as a graduate research assistant with a team of structural engineering faculty and students on a research project funded by the Oklahoma Department of Transportation is anticipated, however serving as a teaching assistant for a suitable undergraduate-level civil engineering course per semester may also be planned.

To be considered, complete the application for a Ph.D. degree in civil engineering by the deadline. The deadline for application to the University of Oklahoma for Spring 2016 is May 15, 2015. Application information for the University and School of Civil Engineering and Environmental Science can be found at http://www.ou.edu/content/coe/cees/apply.html. In addition, send your resume, statement of purpose, unofficial transcripts and sample publications to Professor Jin-Song Pei (Email: jspei@ou.edu). Applications will be evaluated beginning immediately until the position is filled.