Postdoctoral Research Position in Structural Diagnostics
Available Immediately

The postdoctoral researcher will support and oversee research activities in the area of sensing, imaging, and diagnostics of civil infrastructure systems. Ongoing research activities use ground penetrating radar for sensing and diagnosis of reinforced concrete systems. The postdoctoral researcher will be expected to perform analytical modeling, oversee experimental projects, and expand current research endeavors to additional sensing modalities. Demonstrated experience in signal processing, experimentation, mechanics, wave theory, and the ability to serve as a productive member of an interdisciplinary research group is required. Successful candidates should hold a PhD degree in a related field.

The NSF-funded Engineering Research Center for Subsurface Imaging and Sensing Systems (CenSSIS) provides interdisciplinary expertise with imaging and signal processing strategies to solve diverse and interdisciplinary applications and offers student support, interdisciplinary curricula, as well as educational and professional training opportunities.

Northeastern University, located in the heart of Boston, Massachusetts, has been named a top college in the Northeast by the Princeton Review in 2003 and 2004. In 2005 the college’s annual external research expenditures approached $25 million with the College of Engineering ranking in fiscal year 2004, 11th nationally in funding dollars from the National Science Foundation Engineering Directorate.

Review of candidates will begin immediately. Candidates should send their resumes, a list of references, and a copy of one sample publication (a Journal or a conference paper) to:

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