

GEOTECHNICAL RESEARCH ASSOCIATE III or IV

A full-time geotechnical Research Associate (RA III or RA IV) position is currently open at the Louisiana Transportation Research Center (LTRC)/ Louisiana State University (LSU). It is expected to be filled within the next two months.

Required Qualifications: M.S. in Civil Engineering (for RA III of individuals pursuing Ph.D. degree), or Ph.D. in Civil Engineering (for RA IV) with specialization in the area of **Geotechnical Engineering**.

Additional Qualifications Desired: We seek outstanding applicants with strong background in geotechnical engineering with emphasis on pile load testing and analysis, in-situ site characterization, calibration of resistance factors for geotechnical applications, field instrumentation and monitoring, analysis of geosynthetic reinforced subgrade and base materials, and accelerated load testing. Good experience in finite element analysis and numerical modeling of geomaterials with knowledge of ABAQUS program is highly preferred. Excellent communication and presentation skills are critical.

Responsibilities: Conduct advanced scientific research in geotechnical related areas of transportation applications. This includes conducting literature search, writing research proposal, technical papers and reports, conducting both laboratory and in-situ testing, and data analysis, etc. Salary will be commensurate with qualifications and experience.

Application deadline is January 15, 2009 or until candidate is selected. Submit a letter of application and resume to:

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