The University of Oklahoma
Department of Civil Engineering and Environmental Science (CEES)

GEOTECHNICAL ENGINEERING GRADUATE RESEARCH POSITIONS

Post-graduate research positions (at both PhD and MSc levels) are available for qualified candidates to carry out research in the area of Reinforced Soil Structures. The accepted candidates would help refine the computational models that are developed to simulate the response of reinforced soil walls and foundations using advanced material models for soils and geosynthetics. The research makes use of a unique database of experimental results and is aimed at developing modern design guidelines for reinforced soil walls, slopes, embankments and foundations under static and dynamic (i.e. seismic and traffic) loading conditions. The outcome of this research is of interest to AASHTO, FHWA, National Concrete Masonry Association (NCMA) and other related authorities.

The graduate students will join an internationally renowned research team (CEES at OU, Norman, OK, USA and GeoEngineering Centre at Queen’s-RMC, Ontario, Canada) in the area of reinforced soil structures with the possibility of as-needed site visits and/or use of test facilities at the Royal Military College of Canada (RMC) in Kingston, Ontario.

Students interested in applying must be in good academic standing and have an interest and background in soil mechanics, material behavior and numerical simulation techniques. For further information please contact Dr. Kianoosh Hatami (contact information below). Information about how to apply to OU and related forms can be found at: http://www.cees.ou.edu/grad/application.htm or by contacting Ms. Susan R. Williams at srwilliams@ou.edu.

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