

GEOSEMINAR

Using your Geotechnical Engineering Degree at Geosyntec Consultants

by

Jill F. Roboski

Abstract

It is often difficult in graduate school to imagine what you'll do with your degree, whether it's a Masters Degree or a Ph.D. As a demonstration of how your degree can be used in consulting, case histories for two geotechnical projects completed by a recent grad school graduate will be discussed: (i) a supported excavation for the Memorial Hermann Heart and Vascular Institute in Houston, Texas; and (ii) an H-pile installation and vibration monitoring for a bulk fuel storage tank foundation project in Newport, Rhode Island. The difficulties, successes, and lessons learned will be presented for both projects.

Time: 12:05 - 12:55 pm

Date: Friday, November 9th, 2007

Room: Mason 142A

Jill F. Roboski, Ph.D. is an Engineer at Geosyntec Consultants (Geosyntec). She has been a consulting engineer for three years, both in the Chicago and Atlanta areas. Since joining GeoSyntec, Dr. Roboski has participated in a variety of projects including dam inspection, excavation support system design, landfill design, landslide stabilization, industrial byproduct remediation and cost estimation of alternative remediation solutions, and litigation support. She has also assisted in the development of curriculum materials for national FHWA short courses on subjects including earth retaining structures design and construction and inspection of mechanically stabilized earth (MSE) walls and reinforced slopes. Dr. Roboski obtained a Bachelor of Science degree from the University of Alabama in 1999 and went on to obtain a Master's and Ph.D. from Northwestern University in 2001 and 2004 respectively, specializing in Geotechnical Engineering. She currently participates in the Atlanta American Council of Engineering Companies (ACEC) Future Leaders Program and has been active in the Future Cities and Women in Engineering programs in the area.