

Tuesday, March 15, 2011

Black Lab Pub, Churchill Room • 4100 Montrose Blvd.

Social 5:30 p.m., Dinner 6:30 p.m.

Cost: \$25 Preregistered members; \$30 non-members & walk-ups

The HGS prefers that you make your reservations on-line through the HGS website at www.hgs.org. If you have no Internet access, you can e-mail reservations@hgs.org, or call the office at 713-463-9476 (include your name, e-mail address, meeting you are attending, phone number and membership ID#).

HGS Environmental & Engineering Dinner Meeting

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Sean R. Nash, RPA

Principal Investigator - Archaeology / Geoarchaeology

Tony Scott

Principal Investigator - Archaeology

Charles E. Bludau, Jr.

Field Director - Archaeology

The Role of Geoscience in Archaeology

Geology, geomorphology, and soils science are essential to the practice of archaeology. The role of these sciences in finding archaeological remains and interpreting them is explored through project examples from various locations in Texas. The use of GIS modeling combining geological and geomorphic information, aerial imagery, and modern and historic topographic maps is demonstrated to narrow the search for archaeological remains. Case studies in geomorphic assessments of site settings will illustrate the use of these techniques as predictors of archaeological site locations and will provide context to the distribution of archaeological remains found during excavations. ■

Biographical Sketches

MR. NASH holds a masters degree in anthropology from The University of Texas at Austin. He has over 15 years of experience working in the cultural resources management industry, nine of these years as an historic and prehistoric principal investigator. Mr. Nash has completed large and complex projects in compliance with state and federal laws and regulations.



His work has included geoarchaeological assessments to identify landforms favorable for the preservation of historic and prehistoric archaeological sites. The bulk of his experience is in Texas, however, he has also completed projects in Florida, Ohio, Michigan,

Louisiana, Oklahoma, and Arkansas. He completed field research on the Mimbres and Mayan cultures in New Mexico and Belize, respectively.

MR. SCOTT holds a masters degree in anthropology from Wichita State University. He has over fifteen years of experience working on Phase I, II, and III archaeological surveys, testing, and mitigation projects relating to the pipeline, transportation, and construction industries. Projects that he has been involved with have included locations in Nebraska, Kansas, Missouri, Illinois, Oklahoma, Texas, Arkansas, Louisiana, and Mississippi. He served as an archaeologist with the Department of the Interior Bureau of Reclamation, monitoring several reservoir, canal, and waterway modification projects. He has experience working with the Army Corps of Engineers in the Fort Worth and Galveston Districts. He is knowledgeable with state and federal regulations and requirements and has corresponded on a project-by-project basis with state historic preservation offices in multiple states. His employment and academic experience includes GIS services, graphics creations, prehistoric and historic site excavations, surveys, research, human burial and forensic cases, and laboratory analyses. His most recent work has highlighted the use of probability modeling to aid in the discovery of previously unrecorded prehistoric and historic sites.



MR. BLUDAU holds a Bachelor of Arts in anthropology from Texas State University, and has over five years of experience working on Phase I, II, and III archaeological surveys, testing, and mitigation projects relating to the pipeline, transportation, and construction industries, as well as research-based projects. He is familiar with state and federal regulations and requirements. His employment and academic experience includes prehistoric and historic site excavations, surveys, research, forensic cases, and laboratory analyses.

