

# Lubbock Lake Landmark (Museum of Texas Tech University) and Western Texas College Roland Springs Ranch

## 2010 Field Work Opportunity

Join an ongoing Lubbock Lake Landmark field research program and international volunteer crew working with professional staff to conduct excavations at the Roland Springs Ranch Pleistocene faunal locality. The excavations taking place in Scurry County at the ranch are uncovering a variety of ancient animals that existed in the region approximately 1.8-2.0 million years ago. Currently, 49 different species have been identified from



the locality and include members of all vertebrate classes (fish, reptiles, amphibians, birds, mammals). Giant extinct land tortoises are the predominant species found but extinct horses, a North American cheetah-like cat and an extinct turkey are other notable discoveries. The biodiversity documented at the locality provides important environmental and chronological data for the study of Pleistocene faunas throughout the state and nation.



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*Bottom part of a shell of an extinct giant land tortoise*



*Excavation in progress at the Roland Springs Pleistocene fauna locality*

Volunteers gain practical experience in field methodology and techniques, proper field conservation of materials, and laboratory experience in processing materials from the field.

- Volunteers must participate on a full-time basis for the month of June.
- must be 18 years of age or older
- no prior experience necessary
- applications are available at [www.wtc.edu](http://www.wtc.edu)
- more information is available from [lubbock.lake@ttu.edu](mailto:lubbock.lake@ttu.edu)

