

Cibolo Preserve

Faculty from UTSA and their students are privileged to use the Cibolo Preserve, for research purposes only, for undergraduate and graduate research in science and environmental studies. Environmental studies and science include, but are not limited to, archaeology, geology, plant life, water, birds and animals.

The Cibolo Preserve is a 500 acre, non-profit, natural habitat laboratory just east of Boerne in south central Kendall County. It is a uniquely preserved cross-section of history and nature in central Texas. The land is notable for its beauty, variety of flora and fauna, geological features, and areas of archaeological interest.

It is bisected by Cibolo Creek with sections on the floodplain of the creek and recent alluvium on adjacent terraces of the creek. Slopes around the creek offer special microhabitats for some of the region's more interesting plant species. The most unique geological feature is a narrow canyon through a large exposure of a 110-million-year-old caprinid rudist reef.

Access for UTSA research is strictly limited to UTSA faculty and their students who have been pre-approved for entry onto the land.



Requests

The Office of Vice President for Research is currently working with Cibolo Preserve trustees to present suggested projects for research and learning. UTSA, in an effort to aid their researchers, is offering up to \$3,000 per project to help defray student researcher support, supplies and equipment.

Additional information and an approval request form, for UTSA personnel only, are available at: <http://research.utsa.edu/cibolo/>

Please submit your request to:
Noe Saldaña, Director for Research
Advancement and Enhancement
(210) 458-7649 or
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UTSA[®]

RESEARCH



Cibolo Preserve

Where Research Meets Nature

UTSA Research

With three campuses in the nation's seventh-largest city, UTSA, like San Antonio, has a rich history of cultural diversity and a spirit of hospitality, making it an amazing environment in which to learn, discover, and grow.

UTSA prides itself on having a diverse student population. More than 58 percent of UTSA students are from underrepresented groups; many are the first in their family to attend a college or university.

The University recruits top-tier faculty who are globally recognized in their fields. These faculty members are the driving force behind UTSA's fantastic research achievements.



Nationally Acclaimed University

- Top third in the nation for funding in research and sponsored programs.
- Designated a National Center of Excellence in Information Assurance by the NSA.
- Ranked in top 10 as best graduate school for Hispanics in Engineering and Business.
- Ranked 3rd in the nation for producing most Hispanic graduates in biology.
- Number 1 ranking for cybersecurity

Past and Ongoing Research

Dr. Kathryn Brown completed her study on the Cibolo Project which included a phase of surveying and mapping the preserve and creating a GIS database, and then doing subsurface testing to find and examine lithic artifacts uncovered during her research.

Dr. Janis Bush and Dr. Oscar Van Auken, completed their study, "Post Oaks, a moderate sized deciduous tree found from central Texas to the Atlantic Ocean, and North to Massachusetts in the East, and Kansas in the central US." Their research explored the lack of information about the Post Oaks pertaining to community structure, community con-specifics, and their potential

interactions. In addition, they sought to understand gas exchange rates, community dynamics, and factors controlling them.

Dr. Yongli Gao is currently investigating groundwater and surface water interaction in Cibolo Creek. Environmental and artificial tracers will be used to investigate these interactions.

Dr. Alexis Godet and graduate student John Grosch are studying an Albian rudist reef belonging to the Glen Rose Formation, in order to unravel a potential link between rudist types and environmental changes, using field approach—mapping and sampling—and geochemistry.

