



The University of Texas at Austin

# Hildebrand Department of Petroleum and Geosystems Engineering

Cockrell School of Engineering

## **Energy Science and Technology Institute**

**July 14-18, 2025**

The University of Texas at Austin

Austin, Texas



The University of Texas at Austin's **Energy Science & Technology Institute** introduces STEM high school teachers to the latest technological innovations in the Texas energy industry, with specific applications in the areas of subsurface engineering and geology. The energy industry has some of the fastest rates of technological change and engineering innovation in the marketplace. A better technical understanding of energy science, engineering and technology provides teachers with the foundation to better instruct, inspire and mentor their students for potential opportunities in an industry that consistently provides hundreds of thousands of direct jobs to Texans.



The five-day summer institute will be led by numerous faculty from the Hildebrand Department of Petroleum and Geosystems Engineering and will include hands-on activities, laboratory work, discussion sessions, and interactive museum and industry visits.

All travel, lodging, and meals are covered by the university. Each teacher will receive a \$300 stipend for participating and completing the institute, as well as a \$700 stipend for providing an abbreviated version of the institute in their own school district or at an educator conference during the following school year.

\* Completed online application forms are due  
**Friday, February 28, 2025 by 5:00pm.**

### IMPORTANT INFORMATION

**Institute Dates:** Monday, July 14 to Friday, July 18, 2025

**Number of Participants:** 20 High School Teachers

**Location:** The University of Texas at Austin, Houston and Galveston, TX

**Lodging:** individual hotel rooms UT Austin Campus and Galveston, TX

**Application Deadline:** Friday, February 28, 2025 by 5pm

Acceptance to the Institute requires a \$100 registration fee that is added to your stipend (\$100 registration fee + \$200 stipend = \$300 payment) upon completion of the Institute. The fee is non-refundable for those who do not complete the Institute.

Questions: Sabrina Ewald at [sabrina.ewald@austin.utexas.edu](mailto:sabrina.ewald@austin.utexas.edu)



*"The activities on Petroleum Geology, Drilling and Well Logging were very interesting and have many applications for my students." - Past Institute Participant*