Welcome and Intro

Leveraging Our Strengths, Focusing On The Future

Tuesday, March 1, 2022
Call For Innovation

Experience the excitement of driving your career and building technology that can revolutionize the world. The Call for Innovation brings industry experts, thousands of dollars in investment funding, and hands-on education to students across UT Austin. Come and see how you can be part of a team that is about to change the world forever.

For Longhorn Students Interested In:
- Hands-on real world experience in science, engineering, and business
- Mentorship and guidance from industry professionals and leaders
- Thousands of dollars in startup funding

https://genesisut.com
The Energy Institute’s Fueling a Sustainable Energy Transition (FSET) Initiative (initiated in 2019)

12 Project Teams with 60+ Faculty

- Design of Next-Generation Battery Packs for a Sustainable Future
- Defending the Electricity Infrastructure Against Extreme Weather Events, Now and in the Future
- Decarbonizing the City – Financing and Policy Solutions for Transportation
- Enabling Solar-Powered Water Purification Technology
- Enabling the Sustainable Energy Transition: Economic Recovery of Rare Earth Elements
- Driving Natural Gas Systems to Reduced Greenhouse Gas Emissions
- Sectoral Feasibility of Greenhouse Gas Mitigation and Clean Energy Transitions
- Linking Plant Strategies to Complex Subsurface Hydrology to Predict Ecosystem Carbon Storage
- Multi-Scale Design and Optimization of Next-Generation Carbon Capture Systems
- Smart Decarbonization of the Built Environment
- Overcoming Public Uncertainty About Carbon Capture & Storage Technology

UT ($2m) + EI Member Grants ($1.6m)

- Major software/algorithm/data platform development
- Startup (DOE STTR)
- Patent granted/filed
- Invention disclosure filed/expected
- External grant award