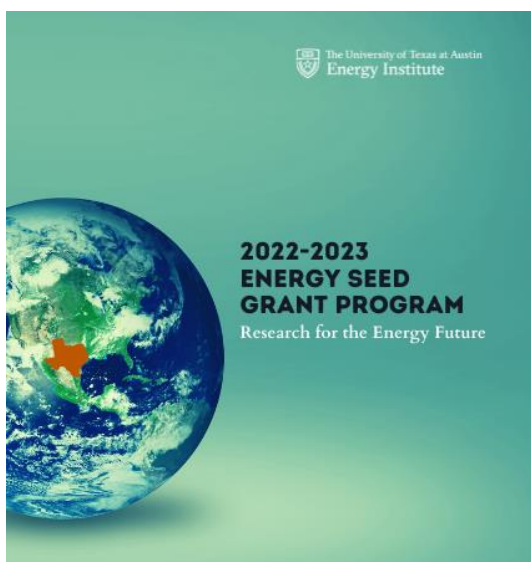




UT Energy Bulletin | September 2022

Energy@UT News



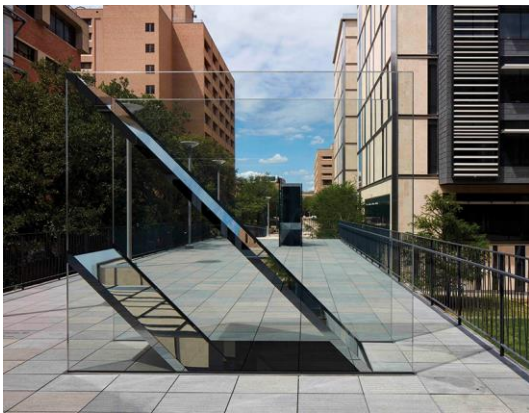
Energy Seed Grant Program Award Announcement

Through the Energy Institute's ambitious seed grant program, 17 interdisciplinary teams were awarded grant funds to kickstart research projects that promise to accelerate energy technology and policy innovations. [Learn about the teams here.](#)



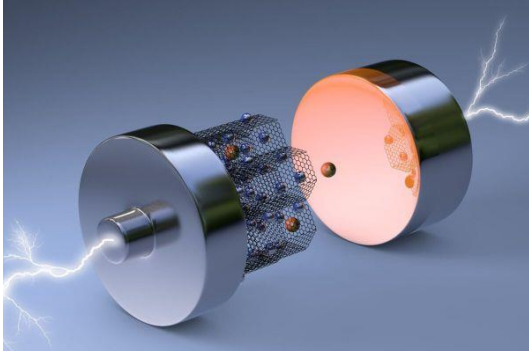
UT Austin Will Lead a Team of Four Texas Universities Studying Flooding and Air Pollution in Southeast Texas

The U.S. Department of Energy awarded the team a \$17 million grant to establish the [Southeast Texas Urban Integrated Field Lab](#) (SETx-IFL). The lab is one of three field labs to be funded across the country in order to understand the climate change risks that threaten critical energy infrastructure, like that in the Beaumont-Port Arthur region of Texas.



Nested Puzzles Link Energy Engineering Buildings

The pedestrian bridge between UT's new Gary L. Thomas Energy Engineering Building and the Engineering Education and Research Center now features the latest addition to the university's public art program, [Landmarks](#): Sarah Oppenheimer's C-010106. [Read more from Texas Architect.](#)



Tackling Electric Vehicle Challenges with Thick Battery Electrode Research

Researchers at UT Austin fabricated a thicker battery electrode for a lithium-ion battery, which could potentially double the range available to an electric vehicle from a single charge. [Read the story at UT News.](#)



UT-led Research Center Aims to Find Better Ways to Clean Water

At the Center for Materials for Water and Energy Systems, more than 40 scientists and engineers from several universities collaborate on novel membranes and new materials to address current and future challenges to providing clean water. The center's work, originally funded for four years, has been renewed for another four years by the U.S. DOE's Energy Frontier Research Center Program. [Learn more.](#)



Multiple Faculty Positions Open in Mechanical Engineering Department

The Mechanical Engineering Department at the Cockrell School of Engineering seeks applicants working on energy research and other key areas to apply for multiple tenure-track positions for Fall 2023. For more information, [see the job posting](#).

News from Around Campus

- **Energy Institute:** [David Tuttle](#) spoke with the [Houston Chronicle](#) about the similarities and differences in grid performance in California during the recent heat wave compared to that in Texas during the February 2021 winter storm.
- **Cockrell School | Civil, Architectural and Environmental Engineering:** [Sergio Castellanos](#) spoke with [CNN Dinero](#) about the impact sourcing of polysilicon from China is having on the green energy transition (video in Spanish).
- **Energy Institute:** [Jorge R. Piñon](#) was quoted by [NBC News](#) about Cuba's energy plants and current policy, calling it "a Band-Aid solution" for the country's energy challenges.
- **Cockrell School | Civil, Architectural and Environmental Engineering:** [Kara Kockelman](#) spoke with [KJZZ](#) in Phoenix about a recent decision by the city of Tucson to require EV charging stations in many new developments.
- **Bureau of Economic Geology:** [Scott Tinker](#) was recently featured on the [Power Hungry podcast](#) discussing several topics, including his TEDx talk on the dual challenge of energy and environment and energy security in light of Russia's invasion of Ukraine.
- **Cockrell School | Webber Energy Group and Petroleum and Geosystems Engineering:** [Michael E. Webber](#) and [Hugh Daigle](#) published a piece in [The Conversation](#) about how the Inflation Reduction Act could

lead to a boom in wind energy in the Gulf of Mexico and why this will be good for Texas and the rest of the U.S.

- **Energy Institute:** [Jorge R. Piñon](#) spoke earlier this month on the [Power Hungry podcast](#) about topics including Cuba's energy crisis, hydropower in South America, and Latin American dependence on U.S. refineries.

Upcoming Events



Energy Security and Energy Transition in Japan

October 3, 4:00pm CT via Zoom

The Energy Institute is excited to host Professor Hisanori Nei of the National Graduate Institute for Policy Studies of Japan for a discussion of Energy Security and Energy Transition in Japan. [Register here](#) to receive the Zoom link.



GridNEXT Conference in Dallas

October 6, 2022

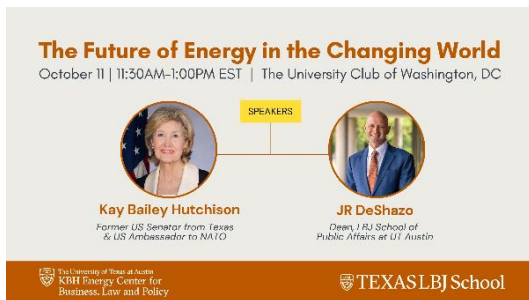
The upcoming GridNEXT conference will be held in Dallas, Texas, on October 6. This conference will bring together energy leaders in Texas to engage in conversations about creating an integrated energy infrastructure in Texas. [Find all the details and register here.](#)



Dallas Fireside Chat & Networking Reception

Thursday, October 6, 4:00pm – 7:00pm
Arts District Mansion

Presented by the KBH Energy Center for Business, Law and Policy in partnership with the McCombs School of Business and UT School of Law and sponsored by Baker Botts. [Find details and registration here.](#)



“The Future of Energy in the Changing World” in Washington, DC

October 11, 11:30am – 1:00pm ET

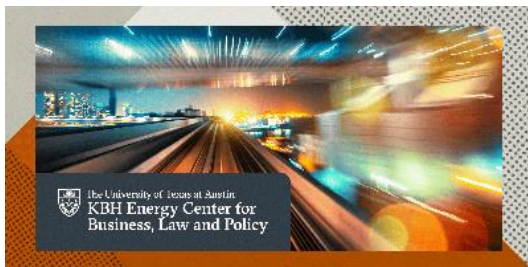
During this lunch discussion, guest speakers Senator Kay Bailey Hutchison and LBJ School of Public Affairs Dean JR DeShazo will discuss the future of energy in the changing world. [Click for registration and event information.](#)



Register for the Mitchell Sustainability Symposium

October 14, 9:30am CT

On October 14, UT experts will gather and share how they envision campus sustainability by drawing on the UT Strategic Plan. Join for a day of networking, panel discussions, and lightning talks. [Register here.](#)



KBH Energy Center 7th Annual Symposium

November 4, 2022, 8:00 am – 3:30 pm

Join the KBH Energy Center for “Reshaping the Energy Evolution” on November 4, where guest speakers will discuss how recent events are converging into a critical juncture for the energy evolution. [Find more information and register here.](#)



Cryptocurrency Mining in Texas: Should Policymakers Encourage Cryptocurrency Mining in Texas? An Oxford-style Debate

Co-sponsored by the Energy Institute, the

KBH Energy Center, and Planet Texas 2050; details and registration to follow.

Save the Date:

November 9, 2022



ClimateCAP: The Global MBA Summit on Climate, Capital, & Business

UT Austin's McCombs School of Business and several partner universities will host the next ClimateCAP Summit in Austin on February 24-25, 2023. This annual summit will bring MBA students and industry leaders together for discussion of the business implications of climate change.

[Details here.](#)

Save the Date:

February 24 – 25, 2023



UT Energy Week 2023

[UT Energy Week](#) is an annual event that showcases the depth and breadth of energy research that makes The University of Texas at Austin the world's premiere energy university.

Save the Date:

March 28 – 31, 2023
