

ABOUT

NEWS

EVENTS



energy institute

THE UNIVERSITY OF TEXAS AT AUSTIN

UT Austin Energy Bulletin **August 2016**

NEWS



ExxonMobil supports development of emerging technologies through partnership with UT Austin Energy Institute

UT Austin's [Energy Institute](#) is partnering with [ExxonMobil](#) on a new multifaceted research program dedicated to developing technologies that meet growing energy demand while reducing environmental impacts and the risk of climate change. The five-year, \$15 million joint research initiative will study transformational energy innovations, including integrating renewable energy sources into the current supply mix and advancing traditional energy sources to improve efficiency and reduce effects on water, air, and climate. Research projects will tap into the university's capabilities in renewable energy, battery technologies, power grid modeling, and other emerging technologies. [Read more.](#)



UT Austin engineering professor selected as chief scientist for national battery research consortium

UT Austin Engineering Prof. [Arumugam Manthiram](#) will serve as chief scientist for Battery500, a national consortium led by Pacific Northwest National Laboratory aimed at advancing battery technology for electric vehicles. The Department of Energy's Office of Energy Efficiency and Renewable Energy recently awarded the consortium \$50 million over five years to make smaller, lighter and less expensive batteries that can be adopted by electric vehicle manufacturers. UT Austin Prof. [John Goodenough](#), inventor of the lithium-ion battery cathode materials, also will contribute his knowledge and expertise to the consortium. [Read more.](#)

NPR reporter Lorne Matalon awarded 2016-2017 UT Energy Journalism Fellowship

[Lorne Matalon](#), an award-winning broadcast journalist for National Public Radio based in Marfa, Texas, has been awarded the 2016-2017 UT Austin Energy Journalism Fellowship. The Fellowship, jointly sponsored by UT's [Energy Institute](#)



and the [Kay Bailey Hutchison Center for Energy, Law & Business](#), is intended to give an esteemed energy journalist the opportunity to work on a long-form energy writing projects without the grind of daily deadlines. As the Fronteras Desk reporter for Marfa Public Radio/West Texas Public Radio, Matalon's stories on the U.S.-Mexico border and Latin America are broadcast on NPR stations in Arizona, California, New Mexico, and Texas. During his year on campus, Matalon will develop a series of in-depth radio features and accompanying web presence focusing Mexican energy reform. [Read more.](#)

RESEARCH



New 'GreenWeb' Tools Aim to Create an Energy-Efficient Web

Researchers in the [Cockrell School of Engineering](#) have developed a new, open-source computer programming framework that could make the web significantly more energy efficient by allowing people to save battery power while browsing on mobile devices. Electrical and Computer Engineering Prof. [Vijay Janapa Reddi](#) and graduate student Yuhao Zhu have developed "GreenWeb," a set of web programming language extensions that give web developers more flexibility and control over the energy consumption of a website. The researchers have made the framework available to the public at [WattWiseWeb.org](#) and their peer-reviewed [paper](#) was published in the PLDI 2016 journal. [Read more.](#)



Photo Credit: Alexandria Samuel

Conflicts abound in state and federal authority over regulation of electricity markets

As competitive electricity markets evolve, and as states grapple with the integration of rooftop solar power and other distributed energy resources onto the grid, questions about where federal regulatory jurisdiction ends and state jurisdiction begins will only increase, writes UT Austin [Prof. David Spence](#) in a new op-ed published in [RegBlog](#), an online source affiliated with the University of Pennsylvania. Spence points to two recent Supreme Court rulings as further evidence that the lines between federal and state authority over wholesale electricity markets are becoming increasingly blurred. [Read more.](#)

PEOPLE

ATI program coordinator selected for DOE executive energy leadership program

[Kathleen Baireuther](#), co-director of [Austin Technology Incubator's](#) Clean Energy Portfolio, has been selected among 22 leaders nationally to participate in a



renewable energy leadership program run by the U.S. Department of Energy's [National Renewable Energy Laboratory](#). The program offers participants the opportunity to learn analytical tools and financing methods employed in making energy-related decisions. Participants also will present a feasible clean energy project related to their organizations. [Read more](#) and view [photos](#).

EVENTS



UT Energy Symposium kicks off fall semester

Dr. [Sue Hovorka](#), a Senior Research Scientist at UT Austin's [Gulf Coast Carbon Center](#) in the Bureau of Economic Geology, will deliver the opening lecture in this fall's UT Energy Symposium (UTES), the popular guest lecture series sponsored by the [Energy Institute](#). Following Dr. Hovorka's Sept. 1 presentation, experts from industry, government, academia and the non-profit world will offer their perspectives on key technological, policy, regulatory and energy market issues. [Learn more](#) about the UTES and see a full schedule of speakers and presentations.



UT Austin President's Sustainability Steering Committee Annual Symposium | September 30, 2016 | Austin, TX

Sustainability efforts across the UT Austin campus will be highlighted on Sept. 30 at the seventh annual [President's Sustainability Steering Committee](#) Symposium. The symposium also will launch the university's first-ever Sustainability Master Plan. For more, view [presentations from last year's symposium](#).



RESEARCH SPOTLIGHT

Prof. Brian Korgel I/UCRC on Next Generation Photovoltaics



[Forward this email to a friend](#)

The University of Texas at Austin
No. 1 University Station
Austin, Texas 78713

If you wish to be removed from this group's mailing list, [click here](#)