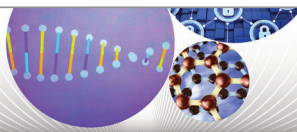




TEXAS RESEARCH SUMMIT

PRECISION MEDICINE ★ CYBERSECURITY ★ NEUROSCIENCE ★ MATERIALS DESIGN FOR ELECTRICAL ENERGY STORAGE ★ MANUFACTURING



OVERVIEW

On November 12–13, 2015, The Academy of Medicine, Engineering and Science of Texas (TAMEST) convened a one-of-a-kind event, the first-ever **Texas Research Summit**, a gathering of Texas' top research leaders and federal research agencies. The goal of the summit was to highlight the outstanding research and innovation taking place in Texas, and help Texas be more competitive in seeking federal research funding.

Attendees like Texas Senator John Cornyn and The University of Texas System Chancellor Bill McRaven spoke about the many accomplishments in Texas research and the opportunities to achieve even more. Gordon England, former Secretary of the Navy and TAMEST Board Member, served as program chair for the summit.

Top federal agency officials described their research priorities, including National Science Foundation Director France Córdoba, Dr. Stefanie Tompkins of DARPA, Dr. Roderic Pettigrew of NIH, and Dr. Phillip Singerman of NIST.

Prominent Texas researchers highlighted where their research is headed and emphasized Texas-wide capabilities and expertise, including Dr. Mauro Ferrari of Houston Methodist Research Institute on **Precision Medicine**; Dr. Tom Jacobs of the UT System on **Neuroscience**; Dr. Krish Prabhu of AT&T Labs on **Cybersecurity**; Dr. Paul Chu of the University of Houston on **Materials Design for Electrical Energy Storage**; and Dr. Joseph Beaman of UT Austin on **Advanced Manufacturing**.

"Our country is all about discovery, always looking for the next great idea."

CHANCELLOR
WILLIAM H. MCRAVEN



"We invest in all of you in science and engineering, and the outcomes are spectacular."

DR. FRANCE CORDOVA



ABOUT TAMEST

With more than 260 members, TAMEST is composed of the Texas-based members of the three National Academies and the state's Nobel Laureates. TAMEST brings the state's top scientific, academic, and corporate minds together to further position Texas as a national research leader. TAMEST also fosters the next generation of scientists and facilitates awareness and communication among the state's best and brightest about research priorities for the future. More information is available at www.tamest.org.

TAKEAWAYS FROM THE SUMMIT

“For Texas to be competitive, it really has to be competitive in the National Science Foundation. Dr. France Córdoba and the National Science Foundation have about eight billion dollars in research funding, so it’s very important Texas be competitive in that area, because that’s one of the largest funding areas for research,” says England of TAMEST.

There is a need for greater collaboration among Texas research institutions in pursuing research dollars in today’s difficult funding environment. Universities must create new systems and structures to help their faculties be more competitive in seeking grant money and pursue more collaborative partnerships internally between departments, across institutions, and with industry.

Many businesses have cut back on their R&D infrastructure, but that can potentially be offset by taking advantage of the research talent found in research universities. Smaller university research leaders are arranging meetings between their faculty and local business leaders, hoping to show companies the likely benefits of academic research.

“We do research because at the end of the day, we want new technologies and new methodologies to improve the human condition,” England says.

Read more about the summit:

www.tamest.org/events/texas-research-summit

“TAMEST synchronizes Texas research with federal agencies to work to solve society’s most pressing problems.”

SENATOR JOHN CORNYN



“We do research because at the end of the day, we want new technologies and new methodologies to improve the human condition.”

GORDON ENGLAND



The following members of the Texas Congressional Delegation were instrumental in organizing this event:

SENATOR JOHN CORNYN
CONGRESSMAN JOE BARTON
CONGRESSMAN BILL FLORES
CONGRESSWOMAN KAY GRANGER
CONGRESSMAN MICHAEL MCCAUL
CONGRESSMAN LAMAR SMITH
CONGRESSMAN ROGER WILLIAMS



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