

Innovation at Work Texas



Total Direct and Indirect
Economic Output of the
Biopharmaceutical Sector
\$52.6 billion

Total Employment
Supported by the
Biopharmaceutical Sector
194,036

76%

A majority of Americans agree that even if it brings no immediate benefits, basic scientific research that advances the frontiers of knowledge is necessary and should be supported by the federal government.

**Local Perspective:
Houston, TX**

Ellen Benninghoven, Citizens United for Research in Epilepsy (CURE) advocate

"I urge the federal government to support medical research because of its importance in maintaining the health and well-being of the citizens of our country and the world. It is important to me because a little-known complication of epilepsy took my son's life at the age of 36 years. Since then we have devoted ourselves to raising money privately to foster research into this disease. But we must have government support and help to make any real progress. Please help make this happen."



Texans diagnosed with epilepsy
per year on average
193,000

Total NIH Award Funding
(FY16)
\$1,098 million

Research in the Lone Star State

Baylor College of Medicine, Houston, TX

The Agency for Healthcare Research and Quality (AHRQ) is funding researchers at Baylor who are working to reduce deaths from inflammatory bowel disease (IBD)-associated colorectal cancer by increasing early screening among IBD patients.

Texas State University, San Marcos, TX

National Institutes of Health (NIH)-funded researchers at Texas State University are studying the psychological aspects of addiction, specifically prescription drug misuse by adolescents and young adults, including prevention and treatment intervention. The researchers hope to contribute towards preventing misuse and reducing significant consequences for those suffering from prescription drug abuse.

University of Texas (UT) Southwestern Medical Center, Dallas, TX

The National Institutes of Health (NIH) funded a UT Southwestern research group that observed heart cells begin to divide and grow after two weeks when in a low oxygen environment, an event that does not occur in adult mammals at normal oxygen levels. This breakthrough in our understanding of the heart may lead to therapies that help repair the heart after damage.

SOURCES: NATIONAL INSTITUTES OF HEALTH, PHARMACEUTICAL RESEARCH AND MANUFACTURES OF AMERICAN (PHRMA), CENTERS FOR DISEASE CONTROL AND PREVENTION, A RESEARCH AMERICA SURVEY OF U.S. ADULTS CONDUCTED IN PARTNERSHIP WITH ZOGBY ANALYTICS IN JUNE 2016, AGENCY FOR HEALTHCARE QUALITY AND RESEARCH, UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER, NATIONAL SCIENCE FOUNDATION.