

Innovation at Work Texas

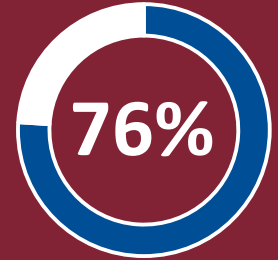


Total Direct and Indirect
Economic Output of the
Biopharmaceutical Sector

\$52.6 billion

Total Employment
Supported by the
Biopharmaceutical Sector

194,036



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
(FY14)

\$972 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.

Rice University, Houston, TX

National Science Foundation (NSF)-funded researchers at Rice are investigating how protein interactions aid bacteria survival in a living host, in the hopes of identifying ways to prevent bacterial infections.

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.