

# Innovation at Work New Hampshire

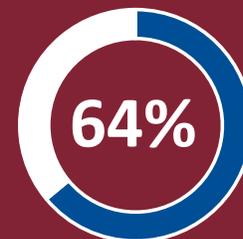


Total Direct and Indirect Economic Output of the Biopharmaceutical Sector

**\$2.7 billion**

Total Employment Supported by the Biopharmaceutical Sector

**11,451**



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: Hanover, NH



John Underwood, American Heart Association advocate

"I was diagnosed with cardiomyopathy 25 years ago. Thanks to heart saving medicines and devices, I am alive and well today. I support research to cure this hereditary disease so my daughters can live heart disease free."



New Hampshire residents who died from heart disease in 2014

**2,464**

Total NIH Award Funding (FY17)

**\$109 million**

## Research in the Granite State

### *Dartmouth-Hitchcock Medical Center, Lebanon, NH*

As much as 3% of the U.S. population experience treatment resistant depression (TRD), which cannot be addressed by standard therapies. Researchers at Dartmouth-Hitchcock Medical Center are conducting a long-term study to test whether high frequency stimulation of the subcallosal cingulate brain region is a safe and effective treatment for patients with TRD.

### *Franklin Pierce University, Manchester, NH*

Researchers at Franklin Pierce University Manchester are conducting a clinical trial to determine if fascial scar mobilization techniques will improve pain and mobility restrictions following C-section surgery. Approximately 12-20% of the 1.37 million annual C-sections in the U.S. result in chronic scar pain, which often leads to functional difficulties performing daily activities.

### *Center for Technology and Behavioral Health, Lebanon, NH*

The Center for Technology and Behavioral Health is developing an interactive computer program to prevent opioid abuse among youth. Researchers are studying if this program will reduce both the intention to misuse and actual rates of opioid abuse.

SOURCES: NATIONAL INSTITUTES OF HEALTH (NIH), PHARMACEUTICAL RESEARCH AND MANUFACTURERS OF AMERICA (PHRMA), CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC), A RESEARCHIAMERICA SURVEY OF U.S. ADULTS CONDUCTED IN PARTNERSHIP WITH ZOGBY ANALYTICS IN JANUARY 2017, IMMUNEXT, CLINICALTRIALS.GOV.