

Innovation at Work Vermont

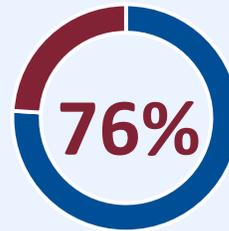


Total Employment
Supported by the
Biopharmaceutical Sector

6,635

Total Direct and Indirect
Economic Output of the
Biopharmaceutical Sector

\$1.7 billion



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.

Total NIH Award
Funding (FY16)

\$49 million

Local Perspective: Richmond, VT



"I support medical research because I would much rather go for a walk with my dog than to go to a doctor's appointment."

*Cindy Chornyak, Arthritis
Foundation advocate*

Local Perspective: Peru, VT



"We encourage members of Congress to support scientific research because there are more than 7000 rare diseases. The information gained from such research will benefit all people within the rare disease community - patients, families and caregivers."

*Jack and Marybeth Bailey, parents of
Shane, age 6, living with
cardiofaciocutaneous syndrome*

Research in the Green Mountain State

University of Vermont, Burlington, VT

Total knee arthroplasty often succeeds in reducing joint pain but fails to improve motor function. National Institutes of Health (NIH)-funded researchers at the University of Vermont are investigating the effect of surgery on muscular function in an effort to improve motor function outcomes.

Celgene and University of Vermont, Colchester, VT

Celgene is conducting phase III clinical trials with the University of Vermont to test the safety and efficacy of a new treatment for Crohn's disease, a chronic inflammatory condition that affects approximately 700,000 Americans.

Middlebury College, Middlebury, VT

As the use of genomic testing increases, there is a growing need to ensure physicians and patients can accurately interpret results. NIH-funded Middlebury College researchers are working to develop techniques to assess and improve genomic literacy.

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, MIDDLEBURY COLLEGE, ALZHEIMER'S ASSOCIATION, CLINICALTRIALS.GOV.