Innovation at Work

Vermont

Total Direct and Indirect Economic Output of the Biopharmaceutical Sector

Local Perspective: Richmond, VT

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.

Total NIH Award Funding (FY16)

$49 million

Cindy Chornyak, Arthritis Foundation advocate

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

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

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 Manufacturers of America (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.