

Innovation at Work Washington

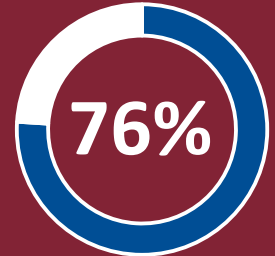


Total Direct and Indirect
Economic Output of the
Biopharmaceutical Sector

\$13.2 billion

Total Employment
Supported by the
Biopharmaceutical Sector

57,712



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: Spokane, WA



"Medical research is important to us because our son Samuel lives with epidermolysis bullosa (EB), a rare and potentially fatal skin disorder that currently has no cure. The advanced medical research that is happening right now gives us and others hope for a cure or treatment in the near future."

Allison and Julio Diaz, parents of Samuel, 11 years old, living with EB



Washingtonians with a Rare
Disease

1 in 10

Total NIH Award Funding
(FY14)

\$876 million

Research in the Evergreen State

University of Washington (UW) School of Medicine, Seattle, WA

By identifying their signature "sugar-protein coats," National Institutes of Health (NIH)-supported researchers at UW Medicine are opening a new line of attack on the family of viruses responsible for many respiratory infections, including SARS and MERS.

Group Healthcare Cooperative (GHC), Seattle, WA

With funding from the Agency for Healthcare Research and Quality (AHRQ), GHC is using an innovative team-based care initiative to address the higher prevalence of opioid overdose deaths and admissions in rural counties. The project will focus on identifying ways to reduce accidental opioid overdoses and improve care for patients receiving chronic opioid therapy.

Nortis, Inc., Woodinville, WA

Funded by an NIH grant, Nortis Inc. is reproducing the blood-brain barrier with an organ-on-a-chip technology. This clinical development could allow researchers to ensure that drugs can effectively get to their targets in the brain, speeding the development of drugs that target difficult to treat brain disorders.

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 RESEARCH AND QUALITY, UNIVERSITY OF WASHINGTON SCHOOL OF MEDICINE.