

Innovation at Work

Wyoming



Total Direct and Indirect Economic Output of the Biopharmaceutical Sector

\$496.6 million


Total Employment Supported by the Biopharmaceutical Sector

1,382

64%

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:
Laramie, WY



"Medical research is important to me because I lost my mom to early onset Alzheimer's when she was only 56. Without a cure, my future is uncertain. And I'm only 33."

Robin McIntyre, Alzheimer's Association advocate



Wyomingites 65 and older with Alzheimer's disease in 2016

9,100

Total NIH Award Funding (FY17)

\$12 million

Research in the Equality State

Southwest Oncology Group, Casper, Cheyenne, Cody, and Sheridan, WY

The Southwest Oncology Group is conducting phase III clinical trials testing the safety and effectiveness of a previously approved breast cancer drug in the treatment of late-stage lung cancer.

University of Wyoming, Laramie, WY

National Science Foundation (NSF)-funded researchers at the University of Wyoming are investigating the molecular scaffolds that help organize the interior of bacteria. A better understanding of bacteria and their structure is pivotal to the development of new treatment options for infections.

University of Wyoming (UW), Laramie, WY

Researchers are working to determine the relationships between glycan structure and antibody functions and their impact on the overall immune response to HIV infection. The results could inform efforts to develop vaccines and reveal how HIV-specific antibody preparations can be used for therapeutic applications.

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