

Innovation at Work Alaska

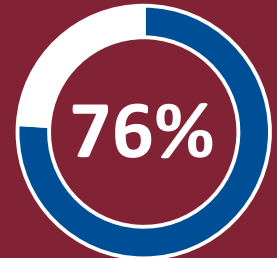


Total Direct and Indirect
Economic Output of the
Biopharmaceutical Sector

\$207.7 million

Total Employment
Supported by the
Biopharmaceutical Sector

1,035



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: Anchorage, AK



Serafine Bourne, 40, American Heart Association advocate

"Congenital heart defects are the leading cause of birth defect-associated infant deaths and illnesses. I support research because I believe every child born with a congenital heart defect deserves the best chance at life."



Alaskans who died from
heart disease in 2014

782

Total NIH Award Funding
(FY14)

\$10 million

Research in the Last Frontier

Alliance for Clinical Trials in Oncology (ACTO), Anchorage, AK

ACTO is conducting phase III clinical trials to assess the efficacy of less invasive surgery to treat stage I non-small cell lung cancer. This less invasive surgery is associated with shorter recovery times and fewer complications.

University of Alaska, Fairbanks, AK

National Institutes of Health (NIH)-funded researchers at the University of Alaska are working to identify possible diet-induced changes to gene expression associated with type II diabetes. Gaining a better understanding of the effects of diet on this chronic condition may pave the way for new prevention and treatment strategies.

Alaska Native Tribal Health Consortium, Anchorage, AK

Researchers from the Alaska Native Tribal Health Consortium have received funding from the Agency for Healthcare Research and Quality (AHRQ) to evaluate the impact of utilizing telemedicine to treat American Indian/Alaska Natives with rheumatoid arthritis (RA). RA is the leading cause of disability in the U.S.