

Innovation at Work Hawaii

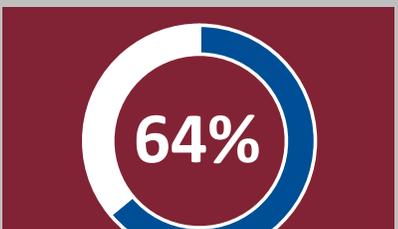


Total Direct and Indirect Economic Output of the Biopharmaceutical Sector

\$733.6 million

Total Employment Supported by the Biopharmaceutical Sector

3,868



**Local Perspective:
Honolulu, HI**

Chris McLachlin, American Heart Association advocate

"Medical research is important to me, simply because it literally saved my life. If it were not for the research money granted to Dr. Diane Pennica from NIH and the research support from Genentech, TpA would likely not have been cloned for a very long time. I had a severe stroke 8 years ago and TpA saved my life."



Hawaiians who died from heart disease in 2014

2,528

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 (FY17)

\$50 million

Research in the Aloha State

University of Hawai'i at Manoa, Honolulu, HI

National Science Foundation (NSF)-funded researchers at the University of Hawai'i at Manoa are investigating how a specific signaling molecule found in bacteria might help regulate the human microbiome.

Eastern Cooperative Oncology Group (ECOG), Aiea, Honolulu, Kailua, and Lihue, HI

ECOG is conducting phase II clinical trials to test the safety and efficacy of a new medication, dasatinib, to treat localized melanoma. In the U.S., melanoma -- a common form of skin cancer -- results in an estimated 10,000 deaths annually.

Valden Medical, Honolulu, HI

Researchers at Valden Medical are testing the effectiveness of a new Alzheimer's treatment, AstroStem. The study will examine changes in cognitive test scores to determine whether this treatment could slow the progression of the disease.

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