

Innovation at Work Pennsylvania

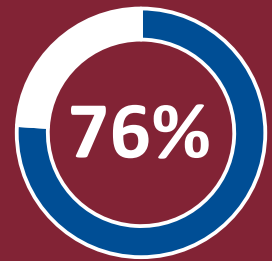


Total Direct and Indirect
Economic Output of the
Biopharmaceutical Sector

\$68.9 billion

Total Employment
Supported by the
Biopharmaceutical Sector

254,184



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:
Exton, PA



"Because of medical research, there's no such thing as an incurable disease. Research enables hope through action."

Kyle Bryant, living with Frederick's Ataxia, advocate with Frederick's Ataxia Research Alliance and NORD



Pennsylvanians with a
Rare Disease

1 in 10

Total NIH Award Funding
(FY16)

\$1,570 million

Research in the Keystone State

Children's Hospital of Philadelphia, Philadelphia, PA

The Agency for Healthcare Research and Quality (AHRQ) is funding the Children's Hospital of Philadelphia to develop a real-time predictor of pediatric patients' readmission risk. By identifying high-risk patients, health care providers can act to prevent these traumatic and costly readmissions.

GlaxoSmithKline (GSK), Duncansville, PA

GSK is conducting phase II clinical trials to test the safety and effectiveness of a new treatment for rheumatoid arthritis to help patients for whom current medications have been unsuccessful. When used in combination with existing treatments, this medication holds significant promise for improved symptom relief.

University of Pittsburgh (Pitt), Harvard University, Boston's Children Hospital, Pittsburgh, PA

In collaboration with Harvard and Boston's Children Hospital, Pitt researchers are developing new, more detailed electronic medical records (EMRs) for cancer patients. The additional data in these records, when de-identified, can provide a rich new resource for childhood cancer research.

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 QUALITY AND RESEARCH, CLINICALTRIALS.GOV.