

# Innovation at Work Delaware

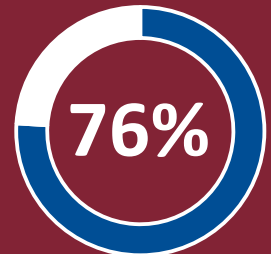


Total Direct and Indirect  
Economic Output of the  
Biopharmaceutical Sector

**\$8.4 billion**

Total Employment  
Supported by the  
Biopharmaceutical Sector

**40,308**



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:  
Dover, DE**



Michael A. Gitcho, Ph.D.  
Assistant Professor,  
Delaware State University

*"As a researcher and caregiver who lost his mother to Alzheimer's disease, I know supporting biomedical research provides the only hope my children will grow old in a world without dementia."*



Delawareans 65 and older with  
Alzheimer's disease in 2016

**17,000**

Total NIH Award Funding  
(FY16)

**\$45 million**

## Research in the First State

### *University of Delaware (UD) and Johns Hopkins University (JHU), Newark, DE*

In a multidisciplinary collaboration, the National Science Foundation (NSF) is supporting UD computer scientists and JHU cardiologists who are developing a new diagnostic tool for earlier and more accurate identification of heart disease.

### *Alfred I. duPont Hospital for Children, Wilmington, DE*

Allergic asthma affects millions of Americans, disproportionately impacting children and people of color. National Institutes of Health (NIH)-funded researchers at the Alfred I. duPont Hospital are developing a new immunotherapy that may inhibit a key trigger of this form of asthma.

### *ANP Technologies, Newark, DE*

ANP Technologies has received a Department of Defense (DoD) contract to develop a new antibody treatment for the Ebola virus, which has killed over 11,000 people since 2013.

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, ALZHEIMER'S ASSOCIATION, UNIVERSITY OF DELAWARE, ANP TECHNOLOGIES.