

# Innovation at Work New York

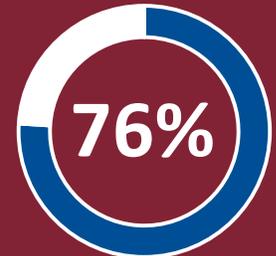


Total Direct and Indirect  
Economic Output of the  
Biopharmaceutical Sector

**\$74.1 billion**

Total Employment  
Supported by the  
Biopharmaceutical Sector

**241,540**



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: Woodside, NY



Sarah and Baudoin Delahousse, parents of Timothy, 6, living with hydrocephalus

*"We fight for our son and for other families dealing with hydrocephalus by raising money every year for research funding through the Hydrocephalus Association, but it is not enough. We urge Congress to fund more research to find better treatments and a cure. Our loved ones deserve it."*



New Yorkers with a Rare  
Disease

**1 in 10**

Total NIH Award Funding  
(FY14)

**\$2,069 million**

## Research in the Empire State

### *Columbia University, New York, NY*

Supported by funding from the Agency for Healthcare Research and Quality (AHRQ), Columbia University is studying the relationship between nursing demands in acute health care systems and the risk of patients developing hospital-associated infections, which results in more than 75,000 deaths and \$9.8 billion in expenses annually.

### *Pfizer, Inc and Memorial Sloan Kettering Cancer Center, New York, NY*

Pfizer and Sloan Kettering are conducting a phase I clinical trial to test the safety and efficacy of a new vaccine-based immunotherapy for patients with prostate cancer.

### *University of Buffalo School of Medicine and Biomedical Sciences, Buffalo, NY*

National Institutes of Health (NIH)-funded researchers at UB have developed a new method to convert skin cells into functional dopamine neurons, the cells lost as a result of Parkinson's disease, which could then be transplanted into the brain to repair the damaged neurons.

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, UNIVERSITY OF BUFFALO, PFIZER, GLOBAL GENES ALLIES IN RARE DISEASE, AGENCY FOR HEALTHCARE QUALITY AND RESEARCH.