

# Innovation at Work

# Arizona

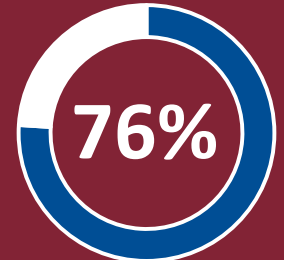


Total Direct and Indirect Economic Output of the Biopharmaceutical Sector

**\$9.4 billion**

Total Employment Supported by the Biopharmaceutical Sector

**42,885**



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: Cave Creek, AZ



Patti Meese, 65, living with Parkinson's disease

*"Members of Congress should support research because it's paramount in finding a cure! I'll work with them and the entire research community until no one ever again hears those four horrible words: 'You have Parkinson's disease.'"*



Percentage of Arizonans 65 and older who were reported as disabled in 2014

**36.2%**

Total NIH Award Funding (FY14)

**\$157 million**

## Research in the Grand Canyon State

### *Celgene, Phoenix, AZ*

Celgene is conducting phase III clinical trials to test the safety and efficacy of a new drug for the treatment of Behçet's disease, an autoimmune disease that can result in loss of vision, arthritis and other serious health issues.

### *Arizona State University (ASU), Phoenix, AZ*

More than 12 million American children are considered obese, putting them at risk for a variety of health conditions including type II diabetes, heart disease and cancer. National Institutes of Health (NIH)-funded researchers at ASU's College of Nursing and Health Innovation are working to identify effective methods for home-based childhood obesity

### *University of Arizona, Tucson, AZ*

Every year, 10 million people worldwide survive a stroke. Research suggests approximately one-third of those survivors will develop dementia. Researchers at the University of Arizona have received NIH funding to investigate this relationship and develop new methods to improve the brain's ability to repair stroke-related damage.

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, CLINICALTRIALS.GOV, ARIZONA STATE UNIVERSITY.