

# Innovation at Work Idaho

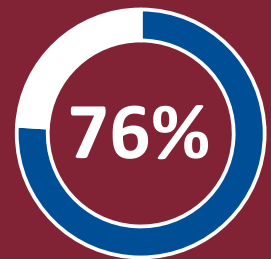


Total Direct and Indirect  
Economic Output of the  
Biopharmaceutical Sector

**\$1.2 billion**

Total Employment  
Supported by the  
Biopharmaceutical Sector

**6,661**



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: Boise, ID



Yolonda Barnes, Arthritis  
Foundation advocate

"In Idaho, Juvenile Arthritis (JIA) has affected more than 1,500 children, and my daughter is one of them. There is a strong need of combating this horrible disease in our children, as no child should have to suffer and endure such great pain. As a JIA parent, I strongly support the need of research so that this life-threatening disease and condition can just be a memory. Supporting JIA research means we are helping to build the future of medicine in the hopes of one day improving the lives of our children."



Idahoans who Died from  
Influenza/Pneumonia in 2014

**200**

Total NIH Award Funding  
(FY16)

**\$14 million**

## Research in the Gem State

### *Pfizer and Eli Lilly, Boise, ID*

Pfizer and Eli Lilly are collaborating on a phase III clinical trial to test the safety and efficacy of tanezumab for use in the treatment of osteoarthritis-associated pain in the hips and knees. Debilitating pain is a key symptom of this degenerative joint disease.

### *Idaho State University, Pocatello, ID*

National Institutes of Health (NIH)-funded researchers at Idaho State are investigating a new therapeutic target for drug-resistant *Clostridium difficile* infections (CDI). In the U.S., CDI results in an estimated 29,000 deaths and an economic burden in excess of \$4.5 billion annually.

### *Boise State University, Boise, ID*

Mastitis is a common infection of the breast during lactation that has been linked to an increased risk of breast cancer. Researchers at Boise State have received NIH funding to investigate how changes to the breast tissue caused by mastitis may contribute to the formation of breast cancer later in life.