

# Biomedical Research Funding-at-a-Glance **Idaho**



## National Institutes of Health Funding for Idaho<sup>1</sup>

- In FY2016, Idaho received 19 NIH-funded grants through normal appropriations process, totaling \$14,139,675.
- This represents an increase of \$3,620,030 from FY2015 and 5 more grants.

## National Science Foundation Funding for Idaho<sup>2</sup>

- In FY2016, NSF provided 78 awards totaling over \$22 million.

## NIH Helping Communities

### What does NIH funding mean for the Idaho economy?

- In FY2007, each NIH dollar invested in Idaho generated \$1.97 in new state business activity<sup>3</sup>.
- In FY2016, the NIH supported \$996.2 million in economic activity and 6,797 jobs<sup>4</sup>.

### Life Science Industry Impact<sup>5</sup>

- 6,605 jobs are supported by the impact of NIH funding<sup>4</sup>.
- Idaho's 493 businesses make up their up-and-coming biopharmaceutical industry<sup>4</sup>.
- The average annual salary of an individual in life, physical, or social science occupations is \$55,720<sup>5</sup>.

## Scientific developments made possible through NIH Funding

- Boise State University has developed a submicroscopic, remote-controlled delivery of medication to specifically intended areas of the body, where a burst of X-rays releases the medication<sup>6</sup>.
- Additionally, Boise State University is researching interbacterial communication via quorum sensing, information which will help the challenges of facing multidrug resistant bacteria<sup>7</sup>.
- University of Idaho researcher has received an NSF grant to further understanding of anatomy and function in kangaroo rats, and its application to improving prosthetic devices for humans<sup>8</sup>.

***“We are impressed with the R&D infrastructure already in place (in Idaho), and we look forward to working with BIO Idaho to help take the state’s nascent bioscience industry to the next level<sup>9</sup>.”***

- Carl B. Feldbaum, president of Biotechnology Innovation Organization

The number of STEM graduates in Idaho doubled to 454 from 2014 to 2015<sup>10</sup>

As of October 2016, there were 2,089 clinical trials in Idaho<sup>11</sup>



<sup>1</sup>All information current as of 7/2017, as stated at [www.nih.gov](http://www.nih.gov)

<sup>2</sup>All information current as of 7/2017, as stated at [www.nsf.gov](http://www.nsf.gov)

<sup>3</sup>In Your Own Backyard: How NIH Funding Helps Your State’s Economy, Families USA’s Global Health Initiative, June 2008

<sup>4</sup>United for Medical Research Report, NIH bystate2016

<sup>5</sup>May 2015 State Occupational Employment and Wage Estimates Idaho, Bureau of Labor Statistics

<sup>6</sup>Microscopic Drug-Filled “Balloons” Can Be Ruptured Precisely Where Needed, Dave Zobel 2016

<sup>7</sup>Dr. Rajesh Nagarajan Awarded NIH Grant, Boise State University News

<sup>8</sup>UI Biology Professor Earns National Award for Research, Tara Roberts, University of Idaho

<sup>9</sup>BIO Welcomes Creation of BIO Idaho, 2004

<sup>10</sup>Idaho STEP Program, Boise State University

<sup>11</sup>Clinicaltrials.gov, NIH 2016

