

Biomedical Research Funding-at-a-Glance **Indiana**



National Institutes of Health Funding for Indiana¹

- In FY2016, Indiana received 630 NIH-funded grants through normal appropriations process, totaling \$225,125,822.
- This represents an increase of \$10,657,903 from FY2015 and 20 more grants.

National Science Foundation Funding for Indiana²

- In FY2016, NSF provided 487 awards totaling over \$155 million.

NIH Helping Communities

What does NIH funding mean for the Indiana economy?

- In FY2007, each NIH dollar invested in Indiana generated \$2.13 in new state business activity³.
- In FY2016, the NIH supported \$644.7 million in economic activity and 4,151 jobs⁴.

Life Science Industry Impact⁵

- The Indiana life sciences industry creates a \$59 billion economic impact for the state⁵.
- Over 2,000 companies employ 56,000 life sciences workers⁵.
- One in every ten jobs is in healthcare delivery or the life sciences⁶.

Scientific developments made possible through NIH Funding⁵

- The development of a gene drive at University of Notre Dame will be used to prevent human disease caused by arthropods, such as mosquitoes⁷.
- Research to understand sleep disorders, epilepsy, and Alzheimer's comes from Purdue University as researchers monitor the link between the brain's blood flow and the electrical signals between neurons⁸.
- A study into the effect on environment on evolutionary development will emphasize how genes operate as a "switch" and what role they play among other genes⁹.

"Not only do we have strength in the diversity and number of companies..., but our collaborative environment enables us to capitalize on our strengths and find new opportunities for growth with partners across industry and with our research institutions¹⁰."

- David L. Johnson President and CEO of Biocrossroads

Indiana ranks 8th in the U.S. for bioscience-related patents granted⁷

As of October 2016, there were 7,872 clinical trials in Indiana¹¹



¹All information current as of 7/2017, as stated at www.nih.gov

²All information current as of 7/2017, as stated at www.nsf.gov

³In Your Own Backyard: How NIH Funding Helps Your State's Economy, Families USA's Global Health Initiative, June 2008

⁴United for Medical Research Report, NIH bystate 2016

⁵Indiana Life Sciences, Biocrossroads

⁶Indiana's Health and Life Sciences Talent and Workforce: Developing Strategies to Complete in a Global Economy, TECompany Partners May 2016

⁷Entomologist Nicole L. Achee Helps Erite Gene Drive Report, William G. Gilroy 2016, University Of Notre Dame News

⁸Research Yielding Insights Into Brain's Signaling Network, Emil Venere 2016, Purdue University News

⁹NSF Awards IU Biologist \$750,000 To Study Effect Pf Environment On Development, IU Bloomington Newsroom 2016

¹⁰Indiana's Life Sciences Industry Maintains Its Top 10 Employment Ranking, Continues Leadership In Pharmaceuticals, Medical Devices, Biocross 2016

¹¹Clinicaltrials.gov, NIH 2016

