

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



National Institutes of Health Funding for Iowa¹

- In FY2016, Iowa received 415 NIH-funded grants through normal appropriations process, totaling \$170,060,863.
- This represents an increase of \$10 million from FY2015 and 39 more grants.

National Science Foundation Funding for Iowa²

- In FY2016, NSF provided 204 awards totaling over \$59 million.

NIH Helping Communities

What does NIH funding mean for the Iowa economy?

- In FY2007, each NIH dollar invested in Iowa generated \$2.04 in new state business activity³.
- In FY2016, the NIH supported \$403.5 million in economic activity and 2,765 jobs⁴.

Life Science Industry Impact⁵

- There are over 900 biotech drugs in development stages.
- Biopharmaceutical research companies account for \$3.4 billion of Iowa's economy and support 14,000 jobs.
- The sector has experienced significant growth beyond the state's overall employment trends.

Scientific developments made possible through NIH Funding

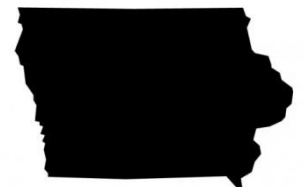
- A hormone to improve diets and help diabetic or obese patients has been found by a team at the University of Iowa, whose discovery could lead to better regulated appetites⁶.
- Cystic fibrosis is caused by the degradation of a protein in the cell membrane, but the efforts of researchers at University of Iowa have shown that some of that protein could be restored using microRNA⁷.
- University of Iowa has discovered a series of small molecules that could be a starting point to developing drugs to treat diseases like Parkinson's or ALS⁸.

"Iowa's bioscience enterprises are discovering the innovations that will spur future economic growth and create jobs, improving the quality of life for people on a global scale⁹."

- Debi Durham, director of the Iowa Economic Development Authority

The average annual wage of a life scientist in Iowa is \$73,900¹⁰

As of October 2016, there were 4,007 clinical trials in Iowa¹¹



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 bystate2016

⁵Iowa: Our Biotech Industry Threatened by Attacks, Joe Hrdlicka 2014, lowabio.org

⁶Can Liver Hormone Calm an Insatiable Sweet Tooth?, John Riehl-Iowa 2015, Futurity

⁷Cystic Fibrosis Discovery, Molly Rossiter 2012, Iowa Now

⁸Potential New Class Of Drugs Blocks Newve Cell Death, Jennifer Brown 2012, Iowa Now

⁹Iowa governor Terry Branstad to Speak at BIO World Congress on Industrial Biotechnology, Biotechnology Innovation Organization 2015

¹⁰May 2015 Statw Occupational Employment and Wage Estimates Iowa., Bureau of Labor Statistics

¹¹Clinicaltrials.gov, NIH 2016

