

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



National Institutes of Health Funding for Kansas¹

- In FY2016, Kansas received 226 NIH-funded grants through normal appropriations process, totaling \$91,306,154.
- This represents an increase of \$5.5 million from FY2015 and 150 fewer grants.

National Science Foundation Funding for Kansas²

- In FY2016, NSF provided 126 awards totaling over \$34 million.

NIH Helping Communities

What does NIH funding mean for the Kansas economy?

- In FY2007, each NIH dollar invested in Kansas generated \$2.06 in new state business activity³.
- In FY2016, the NIH supported \$264.4 million in economic activity and 1,611 jobs⁴.

Life Science Industry Impact⁵

- Over 16,000 people are employed in the biosciences in Kansas across 810 establishments⁵.
- Since 2007, there has been a net job growth of 1.3% with gains from drugs and pharmaceuticals, medical devices, and bioscience-related distribution⁶.
- Bioscience firms in Kansas received over \$100 million in venture capital investments⁶.

Scientific developments made possible through NIH Funding

- A lab at Wichita State University is studying the toxins that lead to Parkinson's neuro-degeneration. Understanding these toxins and the compounds that protect cells from them could potentially lead to a cure⁷.
- At Kansas State University, the NSF Graduate Research Fellowship award has gone to three researchers, whose studies will explore drug delivery for bacterial infections, adaptations of fish to toxic environments, and the effects of high-fat and high-sugar diets⁸.

“Kansas’s robust human health sector, from basic research to drug and device innovation to outstanding clinical care, provides benefits to Kansans and others worldwide⁵.”

Since 2009, 561 bioscience patents have been issued, primarily for drugs and medical instruments⁶

As of October 2016, there were 6,986 clinical trials in Kansas⁹



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

⁵Bioscience Kansas Department of Commerce

⁶Bioscience in Kansas, Biokansas

⁷Professor Studies Causes, Prevention Of Parkinson's, Lainie Rusco 2013, Wichita State University

⁸Kansas State University Students Earn NSF Graduate Research Fellowships, Jim Hohenbary 2016, Kansas State News

⁹Clinicaltrials.gov, NIH 2016

