

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



National Institutes of Health Funding for California¹

- In FY2016, California received 7,720 NIH-funded grants through normal appropriations process, totaling \$3,686,026,589.
- This represents an increase of \$3 billion from FY2015 and 19 more grants.

National Science Foundation Funding for California²

- In FY2016, NSF provided 2,557 awards totaling \$963,225,000.

NIH Helping Communities

What does NIH funding mean for the California economy?

- In FY2007, each NIH dollar invested in California generated \$2.40 in new state business activity³.
- In FY2016, the NIH supported \$10.2 billion in economic activity and 57,597 jobs⁴.

Life Science Industry Impact⁵

- As of September 2015, California companies had 1,235 new drugs in the pipeline.
- There are 2,848 life science companies in California, which directly employ 281,000 people and indirectly an additional 581,000.
- The life sciences sector generates \$130 billion in revenue, with average salary exceeding \$108,000.

Scientific developments made possible through NIH Funding

- Creation of the Genetic Testing Registry which creates a central database to better match patients with the tests available to them⁶.
- Improvements in the speed of the optimization process, used by researchers who want to isolate and study specific molecules⁷.
- Development of an artificial virus that can enable wide spread adoption of gene therapy for Parkinson's and other neurological diseases⁷.

“California is committed to establishing and advancing thoughtful and innovative policies to support the life sciences and extend the state’s worldwide leadership in this field⁵.”

- Jerry Brown, Governor of California

In 2013, Californian academic institutions awarded 4,966 doctorates, 2,000 more than New York, the next highest state⁷

As of October 2016, there were 27,626 clinical trials in California⁸



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

⁵2016 California Life Sciences Industry Report

⁶Bringing Great Science to Patients, 6th Annual Diagnostics Summit, California Healthcare Institute

⁷A Decade of Discovery, NIH Roadmap and Common Fun 2004-2014

⁸Clinicaltrials.gov, NIH 2016

