Biomedical Research Funding-at-a-Glance Louisiana

National Institutes of Health Funding for Louisiana
- In FY2016, Louisiana received 297 NIH-funded grants through normal appropriations process, totaling $141,817,492.
- This represents an increase of $12 million from FY2015 and 30 more grants.

National Science Foundation Funding for Louisiana
- In FY2016, NSF provided 166 awards totaling over $45 million.

NIH Helping Communities

**What does NIH funding mean for the Louisiana economy?**
- In FY2007, each NIH dollar invested in Louisiana generated $2.05 in new state business activity. In FY2016, the NIH supported $419.8 million in economic activity and 2,987 jobs.

**Life Science Industry Impact**
- Over 100 startups have generated $100 million in the state.
- There are 40 life scientists and the mean annual wage is $61,770.
- Louisiana has 7,676 biopharmaceutical jobs and 930 businesses.

**Scientific developments made possible through NIH Funding**
- Louisiana State University will begin to develop single-cell ablation instrumentation technology, which will sequence DNA from cancerous cells. This could help pinpoint when healthy tissue becomes a tumor.
- A new treatment for Kaposi sarcoma is being developed at the University of Louisiana that would target the two proteins that mask cancer cells from the body’s immune system.
- Tulane University has begun a neuroscience program that explores the effect of the different sexes on brain activity.

“The importance of the life science companies for the state’s economy and for society cannot be overstated. Through cutting-edge innovation, Louisiana’s life science industry is improving the quality of life as well as diversifying the state’s economy.”

In 2014, Louisiana spent $439 thousand on bioscience R&D.
As of October 2016, there were 5,732 clinical trials underway in Louisiana.

---

1 All information current as of 7/2017, as stated at www.nih.gov
2 All information current as of 7/2017, as stated at www.nsf.gov
3 In Your Own Backyard: How NIH Funding Helps Your State’s Economy, Families USA’s Global Health Initiative, June 2008
4 United Medical Research Report, NIH by state 2016
5 State of Life Sciences Entrepreneurship in Louisiana, Baker Donelson 2016
7 Chemistry Professor Secured NSF Grant to Develop Single-Cell Ablation Instrument to Better Detect Cancer Cells, LSU
8 Chemistry Junior Researches Treatment for Cancer Associated with HIV, Katie Gagliano 2018, Daily Reveille
9 The Mysteries of the Brain Lead Tulane Researchers down Paths of Discovery, Mary Ann Travis, Tulane University
11 Battelle/BIO State Bioscience Jobs, Investments, and Innovation 2016
12 Clinicaltrials.gov, NIH 2016