Biomedical Research Funding-at-a-Glance Arkansas

National Institutes of Health Funding for Arkansas
- In FY2016, Arkansas received 108 NIH-funded grants through normal appropriations process, totaling $96,652,655.
- This represents an increase of $57 million from FY2015 and 19 more grants.

National Science Foundation Funding for Arkansas
- In FY2016, NSF provided 59 awards totaling $24,647,000.

NIH Helping Communities
What does NIH funding mean for the Arkansas economy?
- In FY2007, each NIH dollar invested in Arkansas generated $1.97 in new state business activity.
- In FY2016, the NIH supported $244.8 million in economic activity and 1,759 jobs.

Life Science Industry Impact
- 5,697 biopharmaceutical industry jobs are supported in Arkansas through 580 businesses.
- The average mean wage of a professional in the life, physical, or social science occupations is $55,700.
- In 2013 and 2014, state researchers filed 34 patent applications and were awarded 22 provisional and nine full patents.

Scientific developments made possible through NIH Funding
- Researchers from the Myeloma Institute of Research and Therapy studied an important biological pathway associated with cell growth. This treatment could be used to neutralize cancerous cells.
- Arkansas State University’s Dr. Carole Cramer worked to develop therapies to treat osteogenesis imperfecta and other rare lysosomal storage diseases.
- The University of Arkansas was awarded a grant to improve the imaging and earlier detection of chromic wounds and guide treatments, using multi-photon microscopy.

“While the majority of the bioscience companies in Arkansas are small research and testing laboratories…, the state has a significant base of industries and research laboratories involved in agricultural-related bioscience, a growing biomedical base, and a major employer of medical equipment and supplies.”

In 2016, Arkansas spent $219 thousand on bioscience R&D.

As of October 2016, there were 4,156 clinical trials underway in Arkansas.