



National Institutes of Health & Missouri's 1st, 2nd, & 3rd Districts: St. Louis

The National Institutes of Health (NIH)

is the nation's primary medical research agency, supporting research efforts in all 50 states.

NIH invests **\$30.6 billion** in medical research to benefit the American people. **More than 80%** of NIH funding is distributed through approximately 50,000 competitive grants to 325,000 researchers at **3,000 universities** and other institutions throughout the US.

BY THE NUMBERS

MISSOURI'S 1ST, 2ND, & 3RD DISTRICTS IN FY 2011*

- \$407 Million:** NIH funds awarded
- 20:** NIH-funded institutions
- 885:** NIH grants awarded

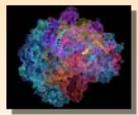
* <http://report.nih.gov/award/>

"Biomedical research institutions and universities are certainly struggling with the implications of reduced NIH funding. When funding is scarce, research can be stalled, and the benefits to society are delayed. . . Limited funding means that excellent research with wide-reaching impacts may not receive adequate financial support, simply because money runs out before an agency like the NIH can fund all of the worthy projects."

Carole Knight, PhD, Associate Vice President for Research, St. Louis University

IMPROVING ST. LOUIS'S HEALTH THROUGH NIH FUNDING

- Washington University received \$372 million in NIH funding in FY 2011. Biomedical discoveries at the university include the use of aspirin to prevent heart attacks, the development of a blood test for early diagnosis of prostate cancer, and finding a cure for hepatitis B in cases that are caught early.
- More than a third of the human genome was decoded at Washington University School of Medicine's Genome Sequencing Center with financial support from NIH.
- NIH also supports research at St. Louis University, which was awarded \$24 million in FY 2011. Researchers found that consumption of extra virgin olive oil reversed memory loss in a mouse model of early Alzheimer's. This provides further support for the current recommendation to replace animal fats with extra virgin olive oil.



NIH FUNDING SPURS INNOVATION AND ECONOMIC GROWTH

- Missouri's 1st, 2nd, and 3rd districts received \$16.7 million in NIH funding in FY 2011 to train the next generation of innovative scientists.¹
- Nine businesses in these districts received NIH grants totaling \$4.1 million during FY 2011 for R&D of technologies with potential commercial applications.¹
- From 2007-11, Washington University innovation led to the formation of 15 start-up companies; these technologies also resulted in 220 licensing agreements producing \$49.6 million in revenue in this period.²

¹ [NIH Research Portfolio Online Reporting Tools \(RePORT\)](#)

² [Washington University Office of the Vice Chancellor for Research, Annual Report, 2011](#)

