

NIH...

Turning Discovery Into Health

IMPACTS ON U.S. ECONOMY

- NIH is the largest funder of biomedical research in the world, including the research of 135 Nobel Prize-winners.
- The NIH FY 2012 budget is \$30.62 billion—84 percent of which is awarded to the nation's finest universities, institutes, and small businesses through a rigorous peer review process. Every state, along with almost every Congressional district, benefits.
- NIH extramural program supports around 50,000 competitive research grants and 300,000 scientists and research personnel at more than 2,500 universities, medical schools, and other research institutions across our nation's 50 states.
- Approximately 11 percent of the NIH budget funds nearly 6,000 scientists working at the NIH campus in Bethesda, in laboratories in Rockville and Frederick, Maryland, at Research Triangle Park in Raleigh, North Carolina, and at the Rocky Mountain Laboratories in Hamilton, Montana.
- In 2011, NIH research funding led to the creation of 432,094 jobs and generated \$62.13 billion in new economic activity across the country.¹ Moreover, NIH serves as the foundation for the entire U.S. medical innovation sector that employs 1 million U.S. citizens, generates \$84 billion in wages and salaries, and exports \$90 billion in goods and services.²
- Due in large part to NIH research, our nation has gained about one year of longevity every six years since 1990. A child born today can look forward to an average lifespan of nearly 79 years – nearly three decades longer than a baby born in 1900. People are living longer and their quality of life is improving: in the last 25 years, the proportion of older people with chronic disabilities has dropped by almost one-third.
- The economic potential of NIH-fueled advances in improved treatments for disease is also clear in this projection: a reduction in cancer deaths by 1 percent has a present value to current and future generations of Americans of nearly \$500 billion. A full cure would be worth approximately \$50 trillion—more than three times today's GDP.³
- NIH is an engine of innovation—and a crucial support for the global competitive stature of the United States. In FY 2011, NIH filed 500 patent applications worldwide and added 389 issued-patents worldwide to NIH's intellectual property portfolio.

¹ NIH's Role in Sustaining The U.S. Economy, A 2011 Update Authored by Dr. Everett Ehrlich. United for Medical Research, March 2012. <http://www.unitedformedicalresearch.com/wp-content/uploads/2012/03/NIHs-Role-in-Sustaining-the-US-Economy-2011.pdf>

² An Economic Engine: NIH Research, Employment and the Future of the Medical Innovation Sector, United for Medical Research, May 2011.

³ Murphy, K.M., &Topel, R.H. (2006), The value of health and longevity. *Journal of Political Economy*, 114(5), 871-904