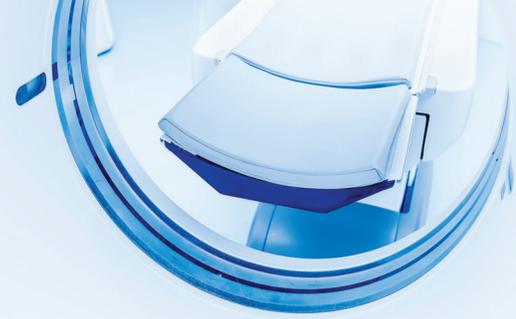




The **ACADEMY**  
for Radiology & Biomedical  
Imaging Research

*Advancing Innovation in Imaging Science*



## NIH: A National Investment

The National Institutes of Health (NIH) and the scientific research community are partners in a national investment that improves health, patient outcomes, and quality of life, while strengthening the nation’s economy. This longstanding bipartisan congressional commitment to the NIH enables the United States to be the world leader in medical research and innovation.

NIH-funded research drives scientific innovation, improves diagnostics, and develops prevention strategies for more effective treatments. The work conducted at more than 2,500 research institutions, supporting over 300,000 researchers, yields life-changing benefits for every American and supports over 450,000 jobs nationwide.

### NIH-Funded Research Reaches Every American:

*Over the last 60 years, NIH funded research has resulted in:*

29% decline in death rates for all cancers combined from 1991-2017 or 2.9 million less deaths, as well as a decline in death rates from heart disease, stroke, diabetes, and unintentional injuries.	Improved quality of life through medical innovations, understanding of opportunities to prevent and treat addiction, and promising new therapies to restore vision or abate the progression of Alzheimer’s Disease.
Since 1959, life expectancy has increased by 8 years for the average American.	Deep brain stimulation used to help relieve symptoms of Parkinson’s disease as well as Obsessive Compulsive Disorder (OCD).
NIH investment in drug R&D contributed to all drug development between 2010 – 2016; a total of 210 drugs.	Decline in U.S. death rates by 43% between 1969 and 2017.

### NIH-Funded Research Benefits the Economy

Through the NIH, the federal government plays a critical role supporting biomedical research that might not otherwise be conducted but is essential to improving our understanding of medicine. Potential research efforts incentivize private sector investment in research and development to bring new products to market, in the ongoing pursuit of improved health through medical research. This creates economic dividends by creating high-paying, skilled jobs, new products, and improved technologies.

NIH is the largest public funder of biomedical research in the world, investing more than \$40 billion in taxpayer dollars to achieve its mission.	Discoveries arising from NIH-funded research provide a foundation for the U.S. biomedical industry, which contributed \$70 billion to our GDP and supported 7 million jobs (FY17).
Each \$1 million of NIH funding has been estimated to create 17.5 jobs in the sponsoring institutions and their supply chains.	Imaging research leads to a higher number of patents, 25 per \$100 million of NIBIB funding, \$575 million in economic impact.

**IMAGINE WHAT THESE FACTS MIGHT BE IF NIH HAD MORE FUNDING.**

*For more information please contact:*

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