



▸ National institute  
of health




- The **National Institutes of Health (NIH)** is the primary agency of the United States government responsible for biomedical and public health.



- It was founded in the late 1870s and is now part of the United States Department of Health and Human Services
- The majority of NIH facilities are located in Bethesda, Maryland

# Research

- NIH devotes 10% of its funding to research within its own facilities (intramural research), and gives >80% of its funding in research grants to extramural (outside) researchers.<sup>[2]</sup> Of this extramural funding, a certain percentage (2.8% in 2014) must be granted to small businesses under the SBIR/STTR program.

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- On February 13, 2012, the National Institutes of Health (NIH) announced a new group of individuals assigned to research pain. This committee is composed of researchers from different organizations and will focus to "coordinate pain research activities across the federal government with the goals of stimulating pain research collaboration

# Funding

- To allocate funds, the NIH must first obtain its budget from Congress. This process begins with institute and center (IC) leaders collaborating with scientists to determine the most important and promising research areas within their fields.



|      |          |
|------|----------|
| 1938 | 0.5      |
| 1940 | 0.7      |
| 1945 | 2.8      |
| 1950 | 52.7     |
| 1955 | 81.2     |
| 1960 | 399.4    |
| 1965 | 959.2    |
| 1970 | 1,061.0  |
| 1975 | 2,092.9  |
| 1980 | 3,428.9  |
| 1985 | 5,149.5  |
| 1990 | 7,567.4  |
| 1995 | 11,299.5 |
| 2000 | 17,840.5 |
| 2005 | 28,594.4 |
| 2010 | 31,238.0 |
| 2015 | 30,311.4 |
| 2016 | 32,311.4 |
| 2017 | 34,300.9 |
| 2018 | 37,311.3 |



# Contribution

- The NIH comprises 27 separate institutes and centers of different biomedical disciplines and is responsible for many scientific accomplishments, including the discovery of fluoride to prevent tooth decay, the use of lithium to manage bipolar disorder, and the creation of vaccines against hepatitis, *Haemophilus influenzae* (HIB), and human papillomavirus (HPV).



# Achievement

- The Division of Computer Research and Technology turns 30 this month--three momentous decades that have seen the NIH campus progress from manual typewriters and punchcard data entry to computations that reveal the mechanisms of action for drugs, proteins, and nucleic acids, and which have included substantial advances in clinical research and medical practice.