

## 2020 Federal Research Funding

The National Science Foundation (NSF) supports research in science, mathematics, and engineering; integration of knowledge across these fields; and development of the nation’s STEM workforce. In this way, NSF promotes the nation’s health, economy, security, and global leadership.

### NSF FUNDING IN MASSACHUSETTS



**\$650M**  
TOTAL  
FUNDING

IN



**9**  
CONGRESSIONAL  
DISTRICTS



**1,392**  
GRANTS &  
CONTRACTS

TO



**153**  
RESEARCH  
SITES

**30** Major Research Instrumentation (MRI) Grants

**5** INCLUDES Grants to broaden STEM participation

### TOP NSF-SUPPORTED SITES

- WOODS HOLE OCEANOGRAPHIC INSTITUTION
- MASSACHUSETTS INSTITUTE OF TECHNOLOGY
- HARVARD UNIVERSITY
- NORTHEASTERN UNIVERSITY
- UNIVERSITY OF MASSACHUSETTS AMHERST
- BOSTON UNIVERSITY
- WORCESTER POLYTECHNIC INSTITUTE
- TUFTS UNIVERSITY
- EDUCATION DEVELOPMENT CENTER
- NATIONAL BUREAU OF ECONOMIC RESEARCH
- BOSTON COLLEGE



### SCIENTIFIC RESEARCH IN MASSACHUSETTS



**396**

NSF Graduate Research Fellowship Program awards offered in FY 2019-20 to students who completed their bachelors in Massachusetts

**2,502**

Science and engineering doctoral degrees awarded in Massachusetts in 2019 (Survey of Earned Doctorates, NCSES)

**\$23.1M**

Awarded to 70 Massachusetts businesses in FY 2018-19 through the NSF “America’s Seed Fund” program for R&D of technologies with potential commercial application

**\$31.3B**

Total science and engineering R&D expenditures in Massachusetts across all sectors—industry, biotech, academia, and government—in 2017 (National Patterns of R&D Resources, NCSES)



**FASEB**

Federation of American Societies  
for Experimental Biology