

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 PENNSYLVANIA



\$309M
TOTAL
FUNDING

IN



16
CONGRESSIONAL
DISTRICTS



1,088
GRANTS &
CONTRACTS

TO



80
RESEARCH
SITES

40 Major Research Instrumentation (MRI) Grants

4 INCLUDES Grants to broaden STEM participation

TOP NSF-SUPPORTED SITES

PENN STATE UNIVERSITY PARK
 CARNEGIE MELLON UNIVERSITY
 UNIVERSITY OF PENNSYLVANIA
 UNIVERSITY OF PITTSBURGH
 DREXEL UNIVERSITY
 LEHIGH UNIVERSITY
 TEMPLE UNIVERSITY
 VILLANOVA UNIVERSITY
 BUCKNELL UNIVERSITY
 THE ACADEMY OF NATURAL SCIENCES OF DREXEL UNIVERSITY
 FRANKLIN & MARSHALL COLLEGE



SCIENTIFIC RESEARCH IN PENNSYLVANIA



231

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

1,946

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

\$10.6M

Awarded to 29 Pennsylvania businesses in FY 2018-19 through the NSF "America's Seed Fund" program for R&D of technologies with potential commercial application

\$16.0B

Total science and engineering R&D expenditures in Pennsylvania 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