

2018 Federal Research Funding

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



\$279M
TOTAL
FUNDING

IN



18
CONGRESSIONAL
DISTRICTS



976
GRANTS &
CONTRACTS

TO



73
RESEARCH
SITES

43 Major Research Instrumentation Grants (MRI)

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
 ST JOSEPH'S UNIVERSITY
 BUCKNELL UNIVERSITY
 FRANKLIN & MARSHALL COLLEGE



SCIENTIFIC RESEARCH IN PENNSYLVANIA



207

NSF Graduate Research Fellowship Program awards offered in FY 2017-18 to students who completed their bachelors in Pennsylvania

1,944

Science and engineering doctoral degrees awarded in Pennsylvania in 2016 (Survey of Earned Doctorates, NCSES)

\$11.1M

Awarded to 26 Pennsylvania businesses in FY 2017-18 through the NSF "America's Seed Fund" program for R&D of technologies with potential commercial application

\$17.4B

Total science and engineering R&D expenditures in Pennsylvania across all sectors—industry, biotech, academia, and government—in 2016



FASEB

Federation of American Societies
for Experimental Biology