**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

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>$279M</td>
<td>Total funding</td>
</tr>
<tr>
<td>976</td>
<td>Grants &amp; Contracts</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grants &amp; Contracts</th>
<th>Research Sites</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>73</td>
</tr>
</tbody>
</table>

**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