National Science Foundation
FY 2014/FY 2015 Budgets

Marty Rubenstein
CFO/Head BFA
EPSCoR Project Directors’ and Project Administrators’ Meeting
May 19-20, 2014
## FY 2014 NSF Funding

(dollars in millions)

<table>
<thead>
<tr>
<th>Account</th>
<th>FY 2014 Request</th>
<th>House Mark</th>
<th>Senate Mark</th>
<th>FY 2014 Enacted</th>
<th>FY 2014 House Mark over Request</th>
<th>FY 2014 Senate Mark over Request</th>
<th>FY 2014 Plan over Request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research &amp; Related Activities</td>
<td>$6,212</td>
<td>$5,676</td>
<td>$6,018</td>
<td>$5,809</td>
<td>-$536 -9%</td>
<td>-$194 -3%</td>
<td>-$403 -6%</td>
</tr>
<tr>
<td>Education &amp; Human Resources</td>
<td>880</td>
<td>825</td>
<td>880</td>
<td>847</td>
<td>-55 -6%</td>
<td>-0%</td>
<td>-34 -4%</td>
</tr>
<tr>
<td>Major Research Equipment &amp; Facilities Construction</td>
<td>210</td>
<td>183</td>
<td>210</td>
<td>200</td>
<td>-28 -13%</td>
<td>-0%</td>
<td>-10 -5%</td>
</tr>
<tr>
<td>Agency Operations &amp; Award Management</td>
<td>304</td>
<td>294</td>
<td>298</td>
<td>298</td>
<td>-10 -3%</td>
<td>-6 -2%</td>
<td>-6 -2%</td>
</tr>
<tr>
<td>National Science Board</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>-0.4 -8%</td>
<td>-0%</td>
<td>-0.2 -4%</td>
</tr>
<tr>
<td>Office of Inspector General</td>
<td>14</td>
<td>13</td>
<td>14</td>
<td>14</td>
<td>-1.1 -8%</td>
<td>-0%</td>
<td>-0.1 -1%</td>
</tr>
<tr>
<td><strong>Total, NSF</strong></td>
<td><strong>$7,626</strong></td>
<td><strong>$6,995</strong></td>
<td><strong>$7,426</strong></td>
<td><strong>$7,172</strong></td>
<td><strong>-$631 -8%</strong></td>
<td><strong>-$200 -3%</strong></td>
<td><strong>-$454 -6%</strong></td>
</tr>
</tbody>
</table>

Totals may not add due to rounding.
FY 2015 NSF Budget Request and the Opportunity, Growth, and Security Initiative (OGSI)

**FY 2015 NSF Funding**
(Dollars in Millions)

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSF FY 2015 Budget Request</td>
<td>$7,255.00</td>
</tr>
<tr>
<td>Opportunity, Growth, and Security Initiative</td>
<td>552.00</td>
</tr>
</tbody>
</table>
## FY 2015 NSF Budget Request

(dollars in millions)

<table>
<thead>
<tr>
<th></th>
<th>FY 2014 Enacted</th>
<th>FY 2015 Request</th>
<th>House Mark</th>
<th>FY 2015 House Mark over Request</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Amount</td>
</tr>
<tr>
<td>Research &amp; Related Activities</td>
<td>$5,809</td>
<td>$5,807</td>
<td>$5,974</td>
<td>$166</td>
</tr>
<tr>
<td>Education &amp; Human Resources</td>
<td>847</td>
<td>890</td>
<td>876</td>
<td>-14</td>
</tr>
<tr>
<td>Major Research Equipment &amp; Facilities Construction</td>
<td>200</td>
<td>201</td>
<td>201</td>
<td>-</td>
</tr>
<tr>
<td>Agency Operations &amp; Award Management</td>
<td>298</td>
<td>338</td>
<td>335</td>
<td>-3</td>
</tr>
<tr>
<td>National Science Board</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>Office of Inspector General</td>
<td>14</td>
<td>14</td>
<td>14</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total, NSF</strong></td>
<td><strong>$7,172</strong></td>
<td><strong>$7,255</strong></td>
<td><strong>$7,404</strong></td>
<td><strong>$149</strong></td>
</tr>
</tbody>
</table>

Totals may not add due to rounding.
FY 2015 Request: Total R&D by Agency

Budget Authority in Billions of Dollars

- Agriculture: $2.4
- NSF: $5.7
- Energy: $12.3
- NASA: $11.6
- HHS (NIH): $31.1
- Commerce (NIST, NOAA): $1.6
- All Other: $6.3
- Defense: $64.4

Total R&D = $135.4 billion
What to Watch

• FY 2015 Hearings are underway
• FY 2015 Congressional Action
• Will the Opportunity, Growth, and Security Initiative funding be considered?
• Budget planning has begun for FY 2016
Distribution by Average Reviewer Ratings for Awards and Declines. FY 2013
ADDITIONAL SLIDES FOR YOUR CONSIDERATION
# Proposal & Award Trends
## FY 2001- FY2013

## NSF Resources c.f. demand

<table>
<thead>
<tr>
<th>Category</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proposals</td>
<td>up 53%</td>
</tr>
<tr>
<td>NSF budget (current $)</td>
<td>up 55%</td>
</tr>
<tr>
<td>NSF budget (constant $)</td>
<td>up 19%</td>
</tr>
</tbody>
</table>

### Declined proposals rated Very Good or higher:

- $4.15$ billion

## Competing factors

### Research Proposals:

- up 70%

### NSF R&RA a/c (constant $):

- up 27%

### Mean rsch awd (constant $):

- up 16%

### Research Awards:

- up 23%

### Research Award success rate:

- down 28%  
  (FY 2001: 27%,  FY 2013: 19%)

## Research Proposals 11-13 cf. 01-03

<table>
<thead>
<tr>
<th>Category</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIs applying</td>
<td>up 41%</td>
</tr>
<tr>
<td>PIs awarded</td>
<td>up 17%</td>
</tr>
<tr>
<td>PIs not funded</td>
<td>up 57%</td>
</tr>
<tr>
<td>PIs not funded in FY 2011-13</td>
<td>65.5%</td>
</tr>
</tbody>
</table>
## Success Rates by Directorate

### RESEARCH GRANTS: # PROPOSALS, # AWARDS & SUCCESS RATE, BY DIRECTORATE

<table>
<thead>
<tr>
<th>Department</th>
<th>FY2013 Proposals</th>
<th>FY2013 Awards</th>
<th>Success Rate FY13</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO</td>
<td>4849</td>
<td>877</td>
<td>18%</td>
</tr>
<tr>
<td>CISE</td>
<td>7484</td>
<td>1373</td>
<td>18%</td>
</tr>
<tr>
<td>ENG</td>
<td>8370</td>
<td>1504</td>
<td>18%</td>
</tr>
<tr>
<td>GEO</td>
<td>5614</td>
<td>1335</td>
<td>24%</td>
</tr>
<tr>
<td>MPS</td>
<td>7785</td>
<td>1748</td>
<td>22%</td>
</tr>
<tr>
<td>SBE</td>
<td>2891</td>
<td>530</td>
<td>18%</td>
</tr>
</tbody>
</table>