Research Administrators Forum

October 30, 2018
Dr. Stacie Bloom
Vice Provost for Research
NYU’s Research Enterprise – Current State
FUNCTIONS: Office of the Vice Provost for Research

- Office of the Industrial Liaison (OIL)
- Innovation Venture Fund and Entrepreneurship Programs
- Office of Veterinary Resources and Animal Welfare
- Human Subjects and IRB
- Research IT
- Conflict of Interest
- Provostial Programs and Awards
- Office of Postdoctoral Affairs
- Office of Sponsored Research (OSP)
  - Contracts office
  - Megagrants (as of 11/1)
Office of the Vice Provost for Research

Tripartite mission: Strategy, Development & Operations

• Bridge campuses, schools, and fields to increase the competitiveness of NYU's research/grants portfolio

• Support and catalyze activities that will boost extramural funding and philanthropic support

• Maintain a robust foundation of highly reliable research operations

Links to Legal, HR, UDAR, Finance, Government Affairs, PR, Emergency Management, Compliance, SPA, Facilities/Space, EH&S, Faculty/Academic Affairs, Deans, Vice Deans, Chairs, Directors, Local Research Admin, other Provosts across other academic areas
At the University, research activity has been increasing.
Proposals funded and $ awarded are on a steady climb
Federal dollars awarded: NIH has increased
Research Expenditures Trajectory is upward
NYU Ranking propelled upward
(based on research expenditures)

• NYU has improved significantly in rankings of research expenditure as measured by the National Science Foundation's Higher Education Research and Development (HERD) survey over the last decade
  • Ranked #23 in FY2016, up from #35 in 2015 and #59 in 2009
  • NYU is ranked #10 among private institutions
NYU is currently ranked #23 by the AAU (Goal to break into Top 20)
Research growth is attributable to:
- Tandon
- Steinhardt
- NYU Abu Dhabi
- SOM
- Multidisciplinary collaborations with internal and external partners
- Megagrants Initiative
The Megagrants initiative has helped secure large awards.
Movers and Shakers

- Mathematics ranked #9 by USNWR
- Social Work #17
- Political Science #12
- Sociology #11
- Public Affairs #9
- Economics #11
- Center for Neural Science & Psychology

- Computer Science #30
- Biology #62 up from #73 in 2006
- Occupational Therapy #12
- Nursing school is #5 in US by NIH rank
- Chemistry #52 up from #86 in 2002
- Physics #37 up from #52 in 2002
New(er) kids on the block

- Data science and applied mathematics
- AV/VR
- Biomedical Engineering
- Cybersecurity
- Wireless communications
- Urban science and informatics
- Digital media
- Genomics
- Financial Technology
- Games and gamification
- Schools and educational transformation
A positive trend compared to other research universities
Externally Funded Research Expenditures by Sponsor type

<table>
<thead>
<tr>
<th>Funding Category</th>
<th>Expenses</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHHS, Inc. NIH</td>
<td>$70,226,710</td>
<td>26%</td>
</tr>
<tr>
<td>Foundation, non-gov’t</td>
<td>48,877,185</td>
<td>18%</td>
</tr>
<tr>
<td>Other Foreign Sources</td>
<td>33,894,994</td>
<td>12%</td>
</tr>
<tr>
<td>NSF</td>
<td>36,417,041</td>
<td>13%</td>
</tr>
<tr>
<td>Other Federal</td>
<td>24,081,814</td>
<td>9%</td>
</tr>
<tr>
<td>DoD</td>
<td>10,409,202</td>
<td>4%</td>
</tr>
<tr>
<td>State Government</td>
<td>7,811,640</td>
<td>3%</td>
</tr>
<tr>
<td>Corporate</td>
<td>10,430,539</td>
<td>4%</td>
</tr>
<tr>
<td>Local Government</td>
<td>5,795,587</td>
<td>2%</td>
</tr>
<tr>
<td>Restricted Gifts for Research</td>
<td>25,037,903</td>
<td>9%</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td>$272,982,615</td>
<td>100%</td>
</tr>
</tbody>
</table>

DHHS, Inc. NIH, 26%
Foundation, non-gov’t, 18%
Other Foreign Sources, 12%
NSF, 13%
Other Federal, 9%
DoD, 4%
State Government, 3%
Corporate, 4%
Local Government, 2%
Restricted Gifts for Research, 9%
NYU’s Research by the Numbers

• #1 in licensing revenue among US universities for 10 years
• $1B+ raised by 65 start ups
• 514 US patents issued
• 22 products brought to market
• 500,000 gross SF of research space
Accolades and Honors

- National Academy of Sciences & Engineering Members: 42
- Nobel Laureates: 5
- Howard Hughes Investigators: 6
- Abel Prize Winners: 4
- MacArthur Fellows: 11
Goals

Help connect the research community with a shared vision to drive our strategy, and collective responsibility for achievement

A resourced VPR office that supports research strategy and development while maintaining a highly reliable research operations foundation

Bring more NYU innovations to market via OIL and the EI

Move NYU into the top 20 in AAU rankings

Compete for and retain the “best of the best”

Be accessible, transparent, effective, and accountable