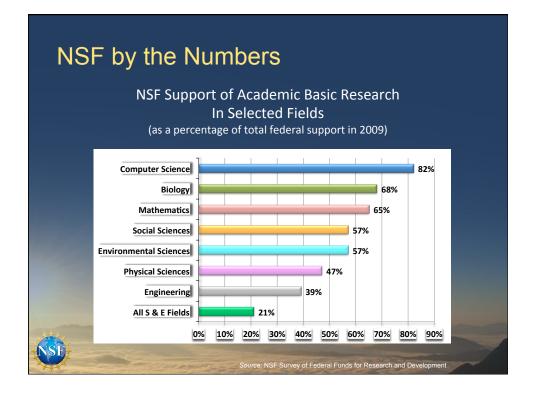
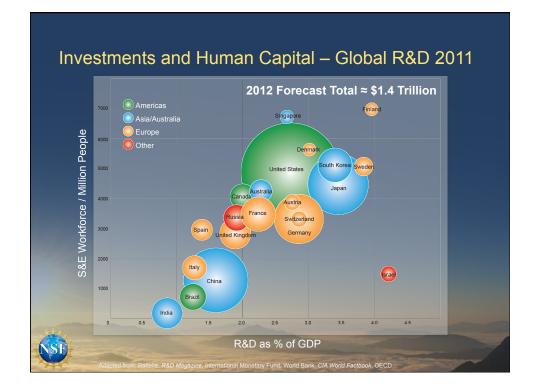


NSF's Role in U.S. & Global S&E Research Enterprise

- Annual budget about \$7 billion, ≈ 94% to funding programs
- Funds basic research across all S&E fields & STEM education research
- In 2011, provided support for about 300,000 researchers
 - o Balance between individual scholarship and "big facilities"
 - Fund the best people and the best ideas
- 201 Nobel laureates received NSF funding since 1951
 - $\,\circ\,$ 70% of all U.S. Nobel laureates since 1951
 - o 47 Nobel laureates in economics
 - 40 NSF Graduate Research Fellowship winners are Nobel laureates
- Industrial, economic, and societal impact



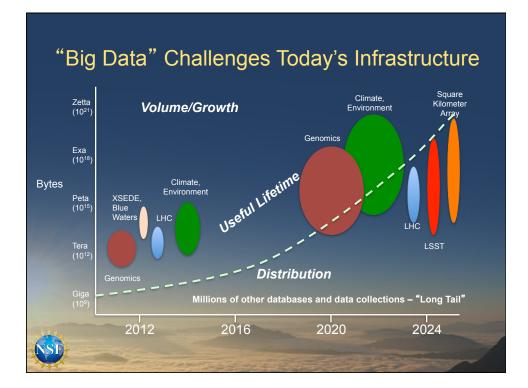






Intellectual Drivers in the New Era of Science & Engineering







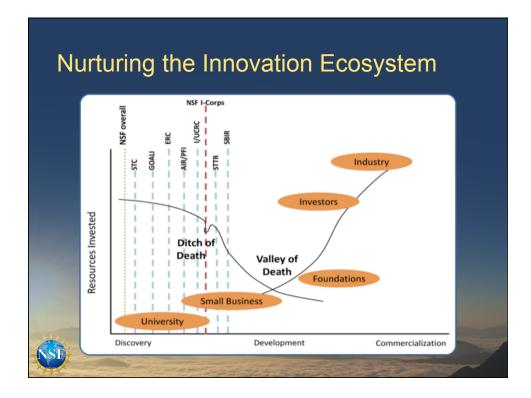
NSF Career-Life Balance Initiative Launched September 26, 2011



















New Initiatives at NSF Impacting Graduate Education

- Interdisciplinarity
 - INSPIRE, SEES
- Innovation and Entrepreneurship
 - I-Corps
- Inclusiveness and Broadening Participation
 - 32 programs (eg, GRFP, Bridge to the Doctorate, STCs, ERCs, IGERT, AGEP 2.0)
- International Engagement and Collaboration
 - SAVI, USAID-PEER, GROW
- Information Technology Infrastructure
 - CIF-21
- Intellectual Capital and Workforce Development
 - GRFP, IGERT (CIF-21 Pilot), I-Corps