



National Science Foundation (NSF)

Directorate for Social, Behavioral and Economic Sciences (SBE)

Fahmida N. Chowdhury

fchowdhu@nsf.gov



About SBE

<http://www.nsf.gov/dir/index.jsp?org=SBE>

- ❑ 1 of 7 NSF Directorates
- ❑ Funds more than 50% of federally funded basic research in SBE fields in academic institutions
- ❑ Most of the funds go to peer-reviewed grants to individuals and small groups
- ❑ Also provides funding to major surveys; to collect data on the nation's science and engineering enterprise



Office of the Director

Other Offices and Directorates

**Directorate for Social,
Behavioral & Economic
Sciences (SBE)**

**Social and
Economic
Sciences (SES)**

**Behavioral and
Cognitive Sciences
(BCS)**

**National Center
for Science and
Engineering Statistics
(NCSES)**



Social and Economic Sciences (SES)

<http://www.nsf.gov/div/index.jsp?div=SES>

- Decision, Risk, & Management Science
- Economics
- Law & Social Sciences
- Methodology, Measurement, & Statistics
- Political Science
- Science of Organizations
- Science Technology, & Society
- Sociology



Behavioral and Cognitive Sciences (BCS)

<http://www.nsf.gov/div/index.jsp?div=BCS>

- Archaeology
- Cultural Anthropology
- Biological Anthropology
- Geography & Spatial Sciences
- Cognitive Neuroscience
- Developmental & Learning Sciences
- Endangered Languages
- Linguistics
- Perception, Action, & Cognition
- Social Psychology



National Center for Science and Engineering Statistics (NCSES)

<http://www.nsf.gov/statistics/>

- Nation's primary source of data and analysis on the science & engineering enterprise
- Designs, supports, and directs about 11 periodic surveys, other data collections & research projects
 - Major surveys on innovation in business
- 30 publications yearly
- Congressionally-mandated publications:
 - Science & Engineering Indicators
 - Women, Minorities, and Persons with Disabilities in Science and Engineering



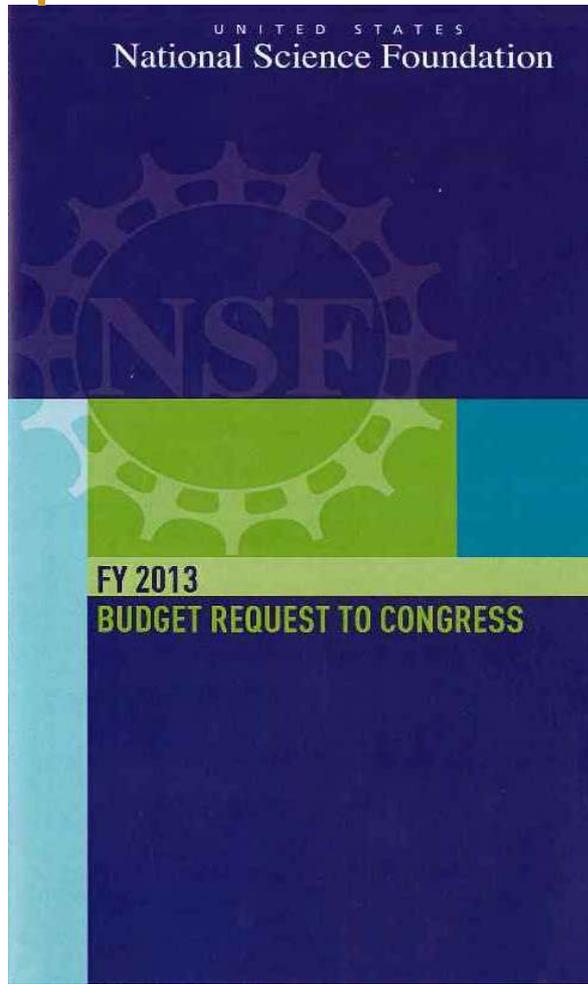
SBE Office of Multidisciplinary Activities (SMA)

<http://www.nsf.gov/div/index.jsp?div=SMA>

- Science of Science and Innovation Policy (SciSIP)
 - Science of Learning Centers (SLC)
 - Research Experiences for Undergraduates (REU) Sites
 - SBE Postdoctoral Research Fellowships (SPRF)
 - Broadening Participation
 - Interdisciplinary Research
 - Interdisciplinary Behavioral and Social Sciences Research (IBSS)
-



2013 NSF Themes for SBE



- Science, Engineering and Education for Sustainability (SEES)
- Cyberinfrastructure Framework for 21st Century Science and Engineering (CIF21)
- Expeditions in Education (E²)
- Comprehensive National Cybersecurity Initiative (CNCI)



NSF Major Investments and SBE

- Innovation Corps Program (I-Corps)
- Integrated NSF Support Promoting Interdisciplinary Research and Education (INSPIRE)
- Build on Core Programs to Support Innovative Science

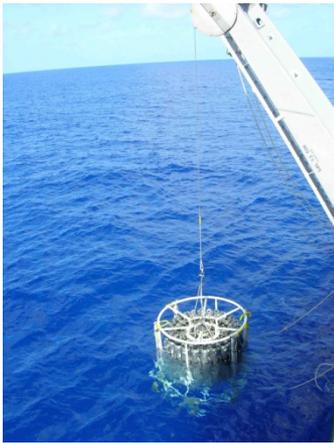


Other SBE Priorities and Investments

- Cognitive Science and Neuroscience
- International activities
- Science of Learning Centers
- Science of Science and Innovation Policy
- Science of Broadening Participation
- NCSES research program
- CAREER
- Cyberlearning: Transforming Education
- Enhancing Access to the Radio Spectrum



SBE FY13 Investments in SEES

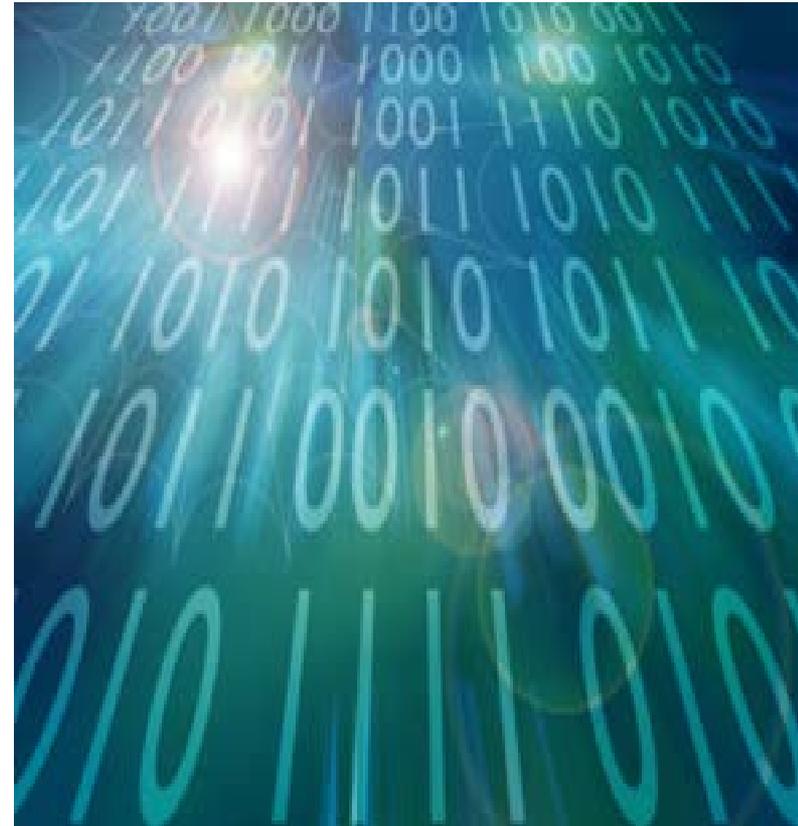


- Water Sustainability and Climate
- Coupled Natural and Human Systems
- Sustainability Research Networks
- SEES Fellowships
- Sustainable Energy Pathways
- Decision making, coastal communities, vulnerability, and resilience



SBE FY13 Investments in CNCI

- Secure and Trustworthy Cyberspace (SaTC):
 - Fund research to enable a cybersecure society via the production of high-quality digital systems and a well-trained workforce
- SBE focus: To understand and, if possible, predict:
 - Prevention, attack, and/or defense behaviors
 - Design of incentives, markets, or institutions
 - Motivations of individuals





Innovation Corps (I-Corps)

- Assesses the readiness of emerging technology concepts to transition into new products
- Brings together technological, entrepreneurial, and business know-how to move discoveries towards commercialization

SBE focus:

- Strengthen collaboration between social scientists and practitioners
- Improve social science students' understanding of innovation





Integrated NSF Support Promoting Interdisciplinary Research and Education (INSPIRE)

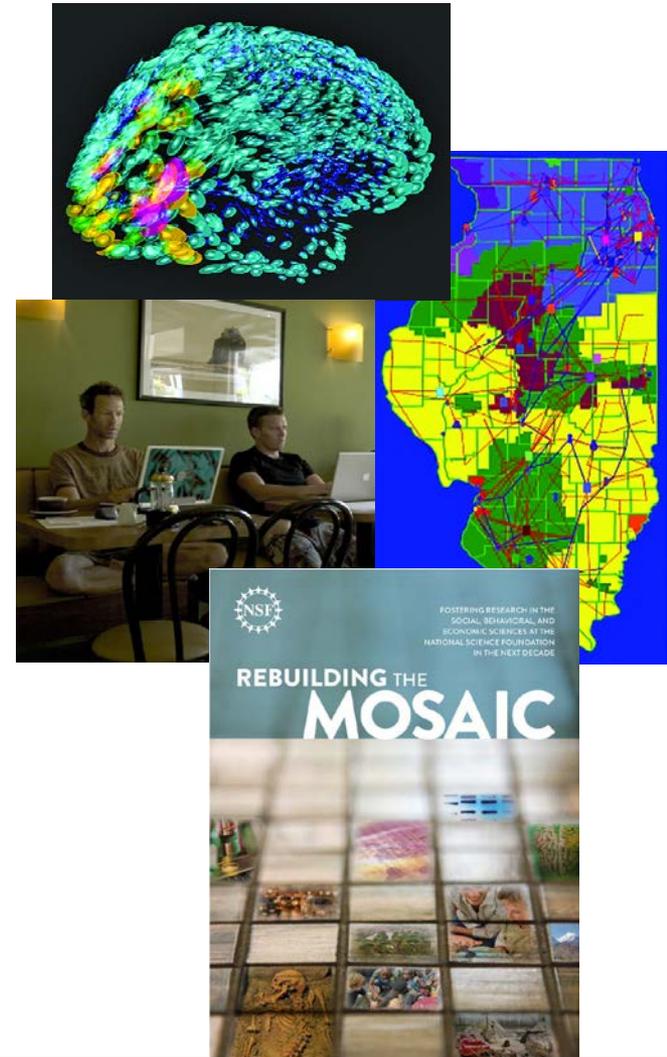
- **INSPIRE** (second year pilot program)
 - Interdisciplinary and potentially transformative
 - Internal merit-reviewed by program directors
 - Open to all NSF-supported fields—no favored topics
 - Substantial funding; not limited to exploratory stage

- **SBE Focus:**
 - Support interdisciplinary research and training aligned with the SBE Transformed Portfolio, SBE 2020



SBE 2020 Themes

- Population change: family, migration, aging
- Disparities: health, gender, race and ethnicity, education and more
- Communication, language, brain, behavior
- New technology, social media and social networks





A Few Tips

- Check NSF Awards Database for funded projects in your field(s) – ask university SPO for help
 - Get Institutional Review Board (IRB) approval early; at least have it pending at submission
 - Monitor the progress of your proposal through NSF FastLane – do not contact your PO
 - For FastLane issues contact FastLane Help Desk - do not contact your PO
 - For budget guidelines, eligibility and other clarifications on program solicitation, ask university SPO for help **before** contacting your PO
 - Contact PO for questions on suitability of your research project, review process and criteria, etc.
-



Read carefully the program description
and/or solicitation

Email appropriate persons to ask questions, if any

Make sure your proposal complies with the
program requirements

Submit proposal well before the deadline

Questions?

Fahmida N. Chowdhury

fchowdhu@nsf.gov

Thanks!
