Social, Behavioral and Economic Sciences Directorate

- 1 of 7 NSF Directorates
- Annual budget of approximately $254 million
- 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; collect data on the science and engineering enterprise
Social and Economic Sciences Division

- Decision, Risk, & Management Science/DRMS
- Economics
- Law & Social Sciences/LSS
- Methodology, Measurement, & Statistics/MMS
- Political Science
- Science of Organizations/SoO
- Science Technology, & Society/STS
- Sociology
2) Behavioral & Cognitive Sciences (BCS)

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

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

- Science of Science and Innovation Policy (SciSIP)
- Science of Learning Centers (SLC)
- Research Experiences for Undergraduates (REU Sites)
- SBE Postdoctoral Fellowships (two tracks)
- 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)
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 CIF21

- Community Development
- Access to SBE-supported surveys
- Advanced Computing Infrastructure
- Building Community and Capacity for Data-Intensive Research (SBE/HER)
SBE FY13 Investments in SEES

- Water Sustainability and Climate
- Coupled Natural and Human Systems
- Sustainability Research Networks
- SEES Fellows
- Sustainable Energy Pathways
- Decision making, coastal communities, vulnerability, and resilience
Secure and Trustworthy Cyberspace (SaTC):

- Fund research to enable a cybersecurity 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
FY13 SBE 2020 Investments

- Interdisciplinary research and training – $14.0 M

- Data and Infrastructure (linked to CIF21) - $6.0 M
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
Proposal Tips

- Check “Awards” database for appropriate program and budget guidelines
- Send PO a “white paper”
- Get Institutional Review Board (IRB) approval early; at least have it pending at submission
- Provide suggested reviewers (“single copy documents”)
- Monitor the progress of your proposal through NSF FastLane – do not contact your PO