

Social, Behavioral &  
Economic Sciences  
Directorate

Advisory Committee  
October 30, 2014



# Senior Management Updates



Fay Lomax Cook  
SBE Assistant Director



Alan Tompkins  
SES Deputy Director



Joanne Tornow  
Deputy Assistant  
Director



Cliff Gabriel  
Acting Deputy  
Assistant Director



# New Staff

## OAD



Josie Welkom  
Program Analyst

## BCS



Gabriela  
Galeano  
Science  
Assistant

## NCSES



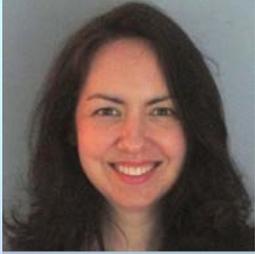
Siara Harmon  
Program  
Assistant



Carol Robbins  
Senior Analyst

# New Program Officers

## Behavioral and Cognitive Sciences



Rebecca Ferrell  
Biological Anthro.



Holly Hapke  
GSS



Evan Heit  
SLCs (detail)



Sunil Narumalani  
GSS



Alunit Ishai  
Cog Neuro



Kerry Marsh  
Social Psychology



Maryann Feldman  
SciSIP



Jon Gould  
LSS



Kevin Leicht  
Sociology



Helena Silverstein  
LSS



Lee Walker  
Political Science

## Social and Economic Sciences



# Budget Update

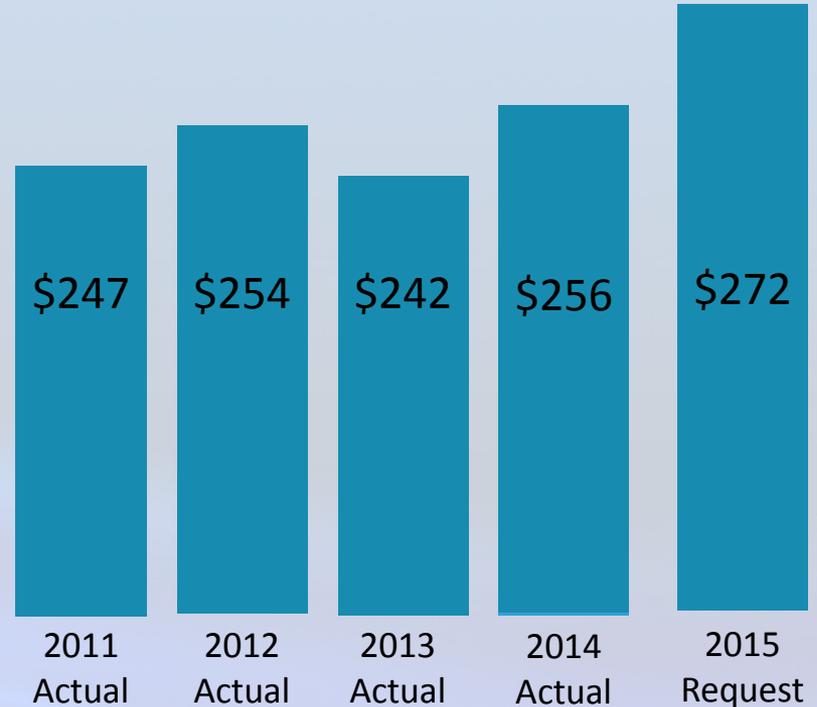


- **FY 2015 Budget**
  - NSF budget request is \$7.225 billion, \$83 million (1.1%) over FY 2014
  - Continuing Resolution currently in effect (expires December 11, 2014)
- **FY 2016 Budget**
  - In preparation

# SBE Budget Trends

SBE FY 2015 Request is  
\$272.2 M

6% increase over FY 2014  
(+\$15.7 M)



# Drivers of the SBE Budget

- Enhance research investments that advance fundamental knowledge in the SBE sciences;
- Sustain support for interdisciplinary research and training to capitalize on synergies that emerge when individual disciplines converge on common research questions;
- Participate in cross-directorate activities in which a comprehensive understanding of human behavior is central; and
- Continue NCSES's work as the Nation's leading provider of statistical data on the Science and Engineering enterprise.



# SBE's Core Programs

## SBE Office of Multidisciplinary Activities (SMA)

- Science of Science and Innovation Policy
- REU Sites
- SBE Postdoctoral Research Fellowships
- Science of Learning Centers
- Interdisciplinary Behavioral and Social Science Research

## Behavioral and Cognitive Sciences (BCS)

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

## Social and Economic Sciences (SES)

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

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

- Human Resources Statistics Program
- Research and Development Statistics Program
- Science and Engineering Indicators Program
- Information and Technology Services Program



# SBE Cross-Directorate Themes

- Understanding the Brain
- Resilience
- Cyberinfrastructure (including Big Data)
- Cybersecurity (including SaTC)
- Science of Learning



# New Research Announcements

- Dear Colleague Letters for Industry/University Cooperative Research Centers
  - Forensic Sciences
  - Understanding the Brain's Structure and Function
- Integrative Strategies for Understanding Neural and Cognitive Systems (solicitation)
- New solicitations in development
  - Science of Learning
  - Successor to Building Community and Capacity for Data-Intensive Research in the SBE Sciences and in EHR



# “Social, Behavioral, and Economic Sciences at NSF” Presentation to the National Science Board

NSF: National Science Board Meeting - Windows Internet Explorer

http://www.tworldwide.com/events/nsf/140813/globe\_show/default\_go\_archive.cfm?gsid=2568&type=flv&test=0&live=0

**National Science Foundation**  
WHERE DISCOVERIES BEGIN

National Science Board Meeting

National Science Foundation - August 13-14, 2014

Why study human behavior and social organizations?

Energy

Inequalities

Risk Communications

Migration

Political Conflict

Energy studies need social science

The War on Poverty: 50 Years Later

Expanding Opportunity in America

Science

Click here for technical support

CLICK HERE to email questions during the live webcast

[http://www.nsf.gov/nsb/meetings/event\\_summ.jsp?cntn\\_id=129246](http://www.nsf.gov/nsb/meetings/event_summ.jsp?cntn_id=129246)



# SBE-Funded Award Winners

- 2014 Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel: Jean Tirole
- 2014 Kavli Prize in Neuroscience: Marcus Raichle
- 2014 National Medal of Science: Robert Axelrod



# Challenges Facing SBE

- Census Bureau's proposed revision of the American Community Survey
- Congressional interest



# AC Meeting Agenda (Today)

- Joint meeting with Advisory Committee for Cyberinfrastructure
  - Reproducibility and Data Sharing
  - Privacy and Confidentiality
- Reports from SBE AC Subcommittees on:
  - Replicability in Science
  - Advancing SBE Survey Research
- SBE Science in the 21<sup>st</sup> Century: 2020 Themes/*Rebuilding the Mosaic*
- Discussion with NSF Director France Córdoba and Chief Operating Officer Richard Buckius

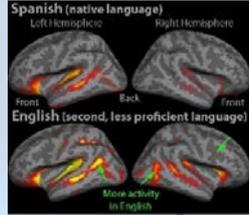


# AC Meeting Agenda (Tomorrow)

- National Center for Science and Engineering Statistics: New Activities
- Understanding the Brain
  - NSF Activities
  - Investigator Panel (presentations and discussion)
    - Dr. Nina Kraus, Northwestern University
    - Dr. David Poeppel, New York University
    - Dr. Danielle Bassett, University of Pennsylvania



# At the Center of it All: Human Behavior and Social Institutions



Thank you!

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