



Population Association of America
April 7, 2022

Funding Opportunities at the National Science Foundation in the Social, Behavioral and Economic sciences Directorate

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U.S National Science Foundation Assistant Director (acting)
Social, Behavioral and Economic Sciences Directorate



NSF in a Nutshell

- Created by Congress in 1950 "to promote the progress of science; to advance the national health, prosperity, and welfare; to secure the national defense..."
- Annual budget of about \$8.1 billion (Fiscal Year 2019) funds approximately 24 percent of all federally supported basic research conducted by America's colleges and universities



Leadership and Organization



Dr. Sethuraman Panchanathan
NSF Director

The National Science Board



NSF Organization

Directorates

- ▶ Biological Sciences
- ▶ Computer & Information Science & Engineering
- ▶ Education & Human Resources
- ▶ Engineering
- ▶ Geosciences
- ▶ Mathematical & Physical Sciences
- ▶ **Social, Behavioral & Economic Sciences**

Office of the Director

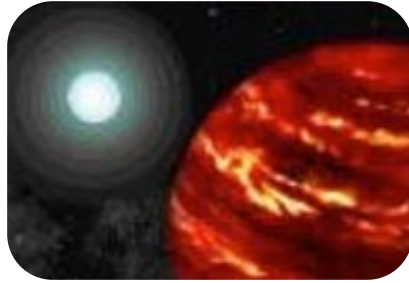
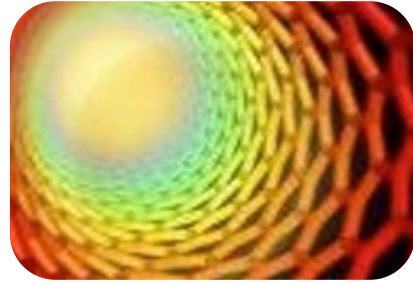
- Legislative & Public Affairs
- General Counsel
- Integrative Activities
- International Science and Engineering
- Diversity and Inclusion

Administrative Offices

- ▶ Budget, Finance, and Award Management
- ▶ Information & Resource Management



NSF Funds All Fields of Science & Engineering

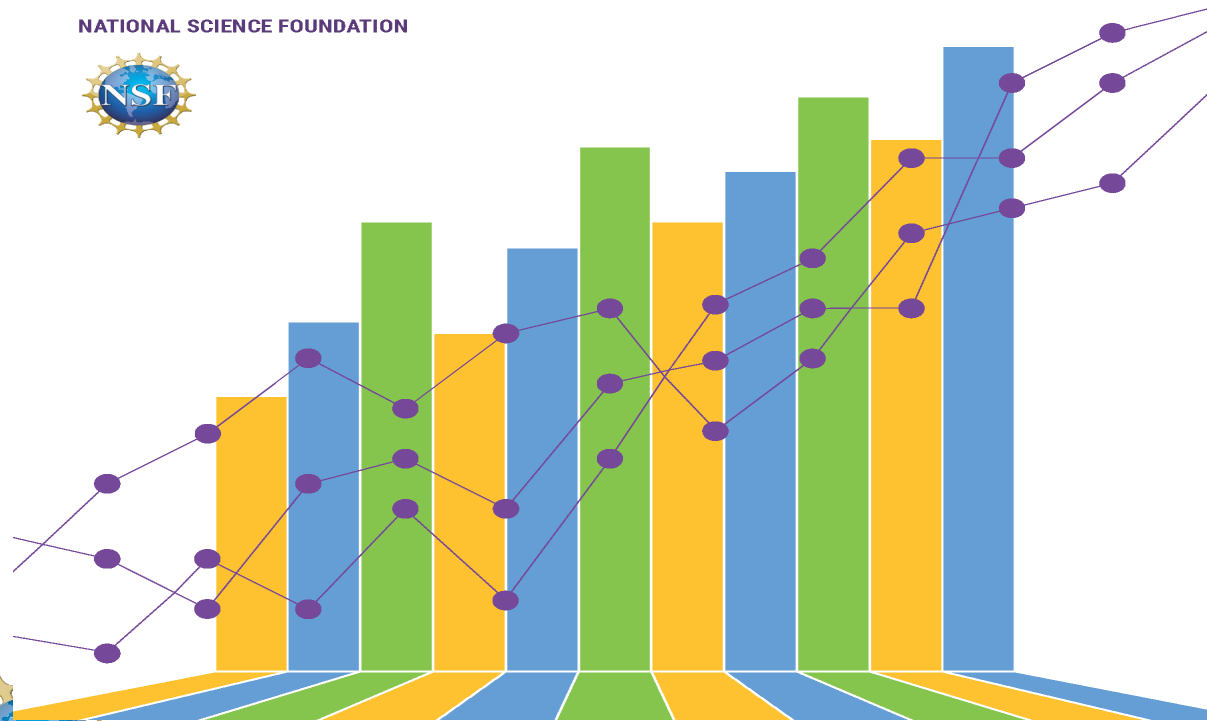


The STEM Workforce and Talent Landscape

2019 | **WOMEN, MINORITIES, AND PERSONS WITH
DISABILITIES IN SCIENCE AND ENGINEERING**

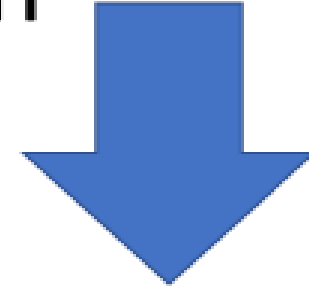
NATIONAL CENTER FOR SCIENCE AND ENGINEERING STATISTICS
DIRECTORATE FOR SOCIAL, BEHAVIORAL AND ECONOMIC SCIENCES

NATIONAL SCIENCE FOUNDATION



NSF and SBE's
Response to the
COVID-19
Pandemic

RAPID funding
mechanism



CARES Act

73 awards = \$9.5M

With regular appropriations

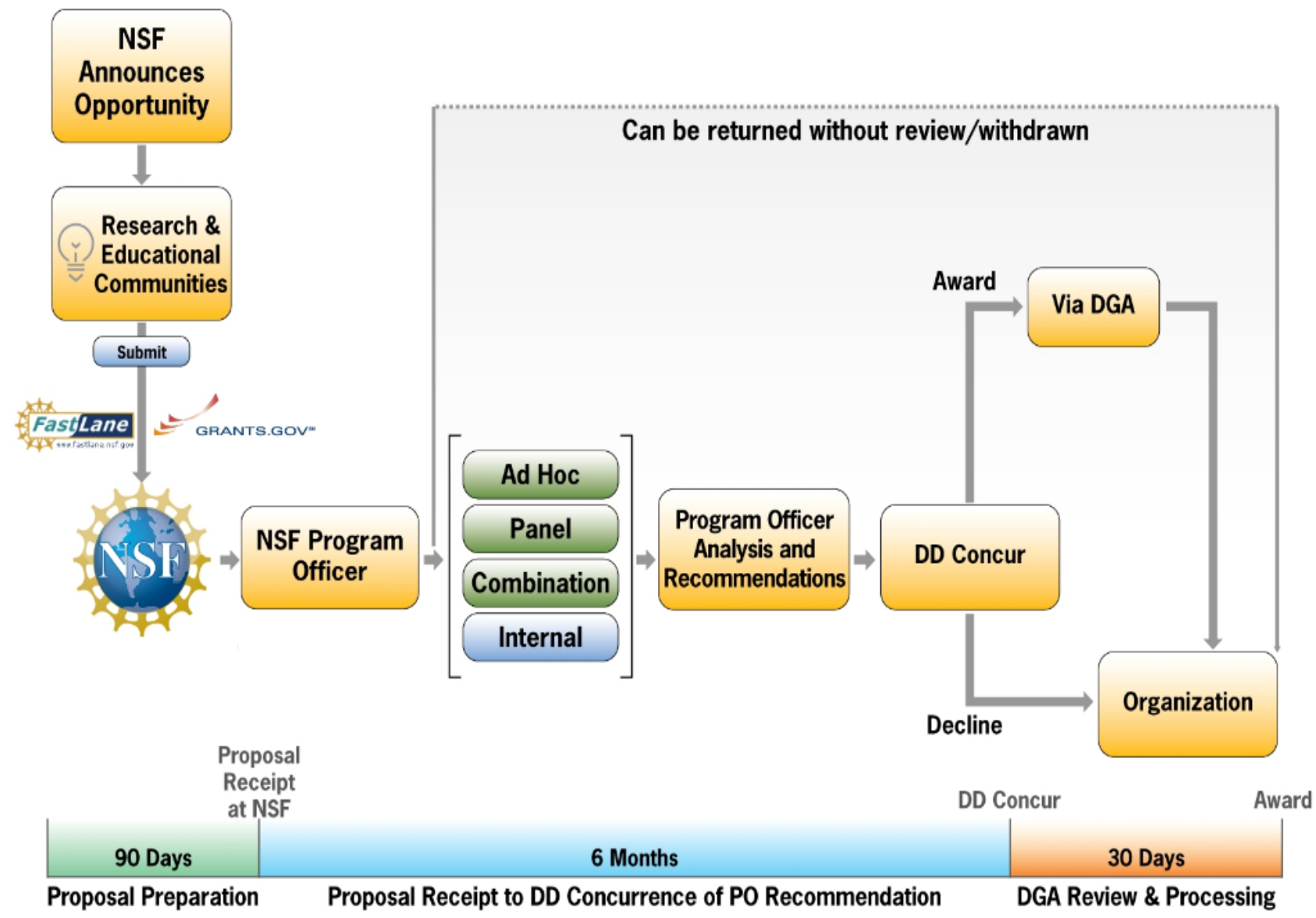
200 awards = \$27M



NSF Programs for Graduate Students and newer PIs

- Doctoral Dissertation Research Improvement Grants (DDRIG)
- Postdoctoral Research Fellowships
- Graduate Research Fellowships
- National Science Foundation Research Traineeship (NRT) Program*
- Robert Noyce Teacher Scholarship Program
- PI standard awards*





Standard Submission Process

* There are some exceptions to submission procedures (e.g., individual awards such as postdoctoral fellowships)

Review the SBE Programs Page:

<https://nsf.gov/funding/programs.jsp?org=SBE>



The screenshot shows the NSF website's SBE Programs page. The left sidebar contains a menu with the following items: Social, Behavioral & Economic Sciences (SBE), Social, Behavioral & Economic Sciences (SBE) Home, About, Programs (circled in red with a red arrow pointing to it), Staff, Funding, Awards, News, Events, Additional Resources, Behavioral and Cognitive Sciences (BCS), National Center for Science and Engineering Statistics (NCSES), Social and Economic Sciences (SES), and SBE Office of Multidisciplinary. The main content area is titled 'Programs: Directorate for Social, Behavioral & Economic Sciences (SBE)' and includes a description: 'This is a list of all the programs within the Directorate for Social, Behavioral & Economic Sciences (SBE)'. A key indicates that 'C' stands for Crosscutting and 'N' for NSF-wide. The list of programs includes: Division of Behavioral and Cognitive Sciences (BCS), Archaeology and Archaeometry, Archaeology Program - Doctoral Dissertation Research Improvement Awards (Arch-DDRI), Biological Anthropology, Biological Anthropology Program - Doctoral Dissertation Research Improvement Grants (BA-DDRIG), Cognitive Neuroscience (CogNeuro), Critical Resilient Interdependent Infrastructure Systems and Processes 2.0 FY18 (CRISP 2.0) (C), Cultural Anthropology Program - Doctoral Dissertation Research Improvement Grants (CA-DDRIG), Cultural Anthropology Program Senior Research Awards (CA-SR), Cultural Anthropology Scholars Awards, Developing a National Research Infrastructure for Neuroscience (NeuroNex), Developmental Sciences (DS), Documenting Endangered Languages (DEL), Documenting Endangered Languages - Doctoral Dissertation Research Improvement Grants (DEL-DDRIG), Geography and Spatial Sciences Program (GSS), and Geography and Spatial Sciences Program - Doctoral Dissertation Research Improvement Awards (GSS-DDRI).

Find the Right Program (e.g., DS program webpage)

Developmental Sciences (DS)

CONTACTS

Name	Email	Phone	Room
Chalandra Bryant - Program Director	cbryant@nsf.gov	(703) 292-8457	995-39
Kenyatta Johnson - Pgm. Specialist	kenjohns@nsf.gov	(703) 292-4850	

PROGRAM GUIDELINES

Apply to PD 08-1698 as follows:

For full proposals submitted via FastLane: standard [NSF Proposal & Award Policies & Procedures Guide](#) proposal preparation guidelines apply.

For full proposals submitted via Grants.gov: the [NSF Grants.gov Application Guide: A Guide for the Preparation and Submission of NSF Applications via Grants.gov](#) Guidelines applies. (Note: The [NSF Grants.gov Application Guide](#) is available on the Grants.gov website and on the NSF website at: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide)

Important Information for Proposers

ATTENTION: Proposers using the Collaborators and Other Affiliations template for more than 10 senior project personnel will encounter proposal print preview issues. Please see the [Collaborators and Other Affiliations Information website](#) for updated guidance.

A revised version of the [NSF Proposal & Award Policies & Procedures Guide \(PAPPG\)](#) (NSF 18-1), is effective for proposals submitted, or due, on or after January 29, 2018. Please be advised that, depending on the specified due date, the guidelines contained in NSF 18-1 may apply to proposals submitted in response to this funding opportunity.

DUE DATES

Full Proposal	Target Date
	January 15, 2019
	January 15, Annually Thereafter
	July 15, 2019

Who is the Program Director?

How do you contact the Program Director?

How do you apply?
Program Description vs. Solicitation

When do you apply?

Target date or deadline?



Find the Right Program: Awards recently made

What has been funded through a particular program?

Click on a title to get the abstract

Export up to 3,000 Awards:	CSV XML Excel Text	Email this Link Export All Results
Sort By: Relevance	Results size: 30 per page	Page 1 of 4
Table List		
Displaying 1 - 30 of 119		
Adolescent Information Management with Parents and Siblings Award Number:1451757; Principal Investigator:Nicole Campione Barr; Co-Principal Investigator:David Schramm, Sarah Killoren; Organization:University of Missouri-Columbia;NSF Organization:BCS Start Date:07/01/2015; Award Amount:\$273,098.00; Relevance:48.0;		
Collaborative Research: Stress, Academic Outcomes, and Health Outcomes among Language Brokers Award Number:1651128; Principal Investigator:Su Yeong Kim; Co-Principal Investigator:Belem Lopez; Organization:University of Texas at Austin;NSF Organization:BCS Start Date:06/15/2017; Award Amount:\$505,844.00; Relevance:48.0;		
Collaborative Research: Stress, Academic Outcomes, and Health Outcomes among Language Brokers Award Number:1651138; Principal Investigator:Katharine Zeiders; Co-Principal Investigator;; Organization:University of Arizona;NSF Organization:BCS Start Date:06/15/2017; Award Amount:\$34,053.00; Relevance:48.0;		
Expanding access to webcam-based online data collection for developmental research Award Number:1823919; Principal Investigator:Kimberly Scott; Co-Principal Investigator:Laura Schulz; Organization:Massachusetts Institute of Technology;NSF Organization:BCS Start Date:09/01/2018; Award Amount:\$584,445.00; Relevance:48.0;		
CAREER: Discovering the Underpinnings of Statistical Language Learning in Infants Award Number:1352443; Principal Investigator:Jill Lany; Co-Principal Investigator;; Organization:University of Notre Dame;NSF Organization:BCS Start Date:03/01/2014; Award Amount:\$765,239.00; Relevance:48.0;		
Neural measures of social reward and information value in infants Award Number:1627068; Principal Investigator:Rebecca Saxe; Co-Principal Investigator;; Organization:Massachusetts Institute of Technology;NSF Organization:BCS Start Date:07/15/2016; Award Amount:\$600,000.00; Relevance:48.0;		
Exploring the relation between non-spatial skills and mental rotation from infancy to preK Award Number:1823489; Principal Investigator:Marianella Casasola; Co-Principal Investigator:Lisa Oakes, Vanessa LoBue, Felix Thoemmes; Organization:Cornell University;NSF Organization:BCS Start Date:09/01/2018; Award Amount:\$756,655.00; Relevance:48.0;		
A Lifespan Conceptual Model of Ethnic-Racial Identity Award Number:1729711; Principal Investigator:Esther Calzada; Co-Principal Investigator:Adriana Umana-Taylor; Organization:University of Texas at Austin;NSF Organization:BCS Start Date:10/01/2017; Award Amount:\$24,369.00; Relevance:48.0;		
After-School Activities: Identifying Risk and Protective Factors for Community Violence Exposure Award Number:1348957; Principal Investigator:Rosario Ceballo; Co-Principal Investigator:Jacquelynn Eccles; Organization:University of Michigan Ann Arbor;NSF Organization:BCS Start Date:09/01/2014; Award Amount:\$474,997.00; Relevance:48.0;		
The Development of Relational Processing in Infancy Award Number:1729720; Principal Investigator:Susan Hespos; Co-Principal Investigator:Dedre Gentner, Kenneth Forbus; Organization:Northwestern University;NSF Organization:BCS Start Date:08/15/2017; Award Amount:\$596,080.00; Relevance:48.0;		
SBE-RCUK: CompCog: Modeling the Development of Phonetic Representations Award Number:1734245; Principal Investigator:Naomi Feldman; Co-Principal Investigator;; Organization:University of Maryland College Park;NSF Organization:BCS Start Date:09/01/2017; Award Amount:\$520,058.00; Relevance:48.0;		
Motor Exploration and Motor Learning During Child Development Award Number:1654929; Principal Investigator:Mei-Hua Lee; Co-Principal Investigator:Ferdinando Mussa-Ivaldi; Organization:Michigan State University;NSF Organization:BCS Start Date:03/01/2017; Award Amount:\$349,106.00; Relevance:48.0;		
Collaborative Research: Science of Learning Center: Visual Language and Visual Learning (VL2) Award Number:1041725; Principal Investigator:Thomas Allen; Co-Principal Investigator:Laura-Ann Petitto; Organization:Gallaudet University;NSF Organization:SMA Start Date:10/01/2011; Award Amount:\$8,864,066.00; Relevance:48.0;		
RR: Collaborative: Origins of Intergroup Perceptions and Attitudes Across Diverse Contexts Award Number:1728300; Principal Investigator:Kristin Pauker; Co-Principal Investigator;; Organization:University of Hawaii;NSF Organization:BCS Start Date:08/01/2017; Award Amount:\$90,121.00; Relevance:48.0;		
Supporting Undergraduate Participation at the International Conference on Infant Studies: 2016-2020 Award Number:1551122; Principal Investigator:Martha Arterberry; Co-Principal Investigator:Samuel Putnam; Organization:Colby College;NSF Organization:BCS Start Date:03/01/2016; Award Amount:\$22,500.00; Relevance:48.0;		



Find the Right Program: Abstracts of Awards Recently Made

You can review the abstracts of awards made through a particular program.

Program Manager:	Chalandra Bryant BCS Division Of Behavioral and Cognitive Sci SBE Direct For Social, Behav & Economic Scie
Start Date:	September 1, 2018
End Date:	August 31, 2021 (Estimated)
Awarded Amount to Date:	\$756,655.00
Investigator(s):	Marianella Casasola mc272@cornell.edu (Principal Investigator) Lisa Oakes (Co-Principal Investigator) Vanessa LoBue (Co-Principal Investigator) Felix Thoemmes (Co-Principal Investigator)
Sponsor:	Cornell University 373 Pine Tree Road Ithaca, NY 14850-2820 (607)255-5014
NSF Program(s):	DS - Developmental Sciences
Program Reference Code(s):	1698
Program Element Code(s):	1698

ABSTRACT

Mental rotation, the ability to mentally manipulate a visual representation of an object and recognize its appearance from a different orientation, shows stability from infancy through preschool. This ability predicts mathematical achievement in kindergarten and beyond as well as entry into the Science, Technology, Engineering, and Mathematics (STEM) fields. The present work focuses on identifying how non-spatial processes contribute to mental rotation abilities. Findings will help identify ideal time points for intervention, advance understanding of the factors that contribute to mental rotation, and address how individual differences in mental rotation during infancy predict later abilities. This work will involve the creation and refinement of measures that can be used to trace the development of mental rotation from infancy into preschool; thereby, not only contributing new tools to the field, but also yielding insights that can inform current theoretical conceptions of mental rotation and its relation to non-spatial processes.

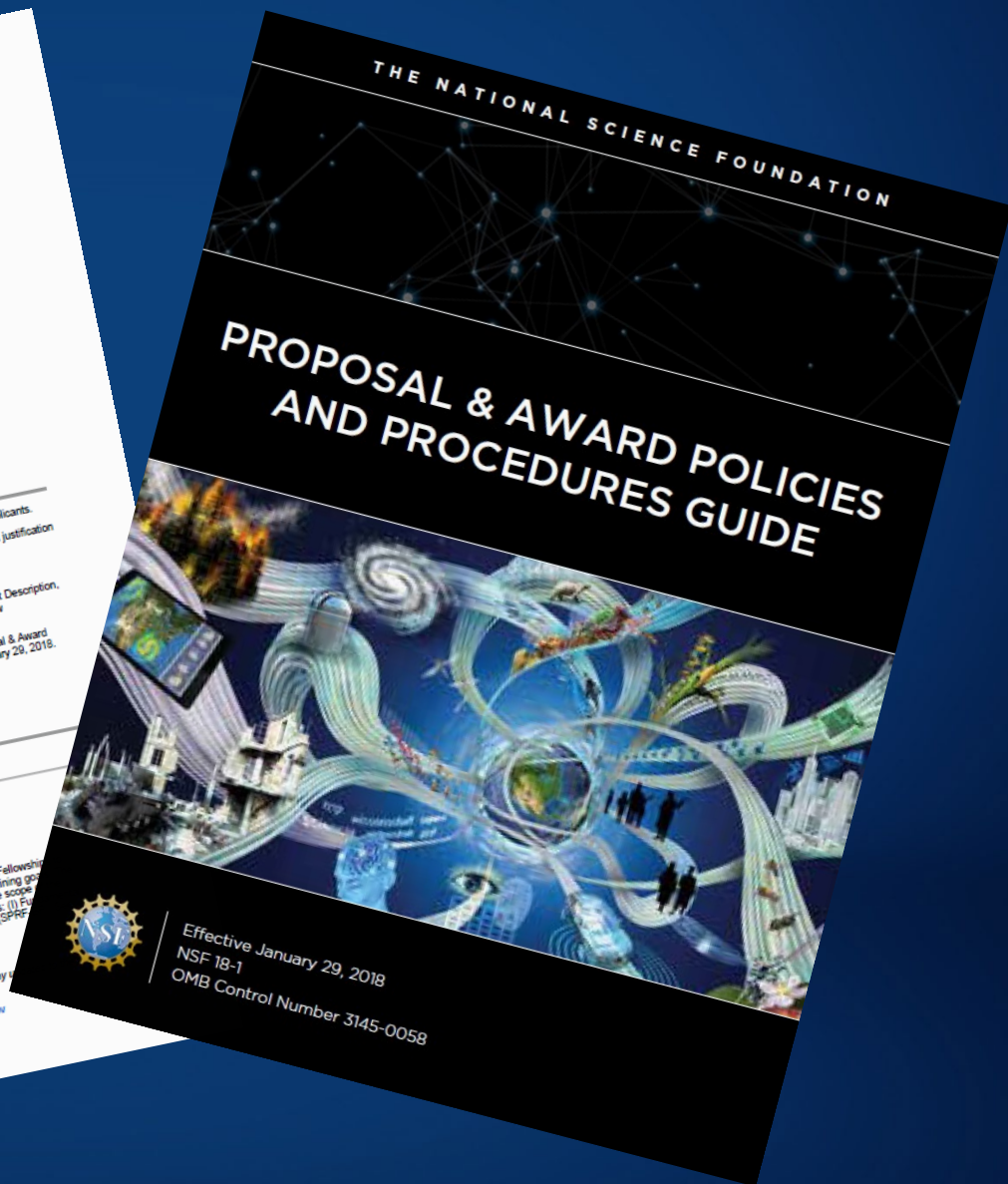
The critical research question is as follows: What are the non-spatial processes that contribute to mental rotation abilities and their development? Associations between mental rotation, object features, processing bias, and motor experience will be examined using a cross-sequential design with overlapping age cohorts. The investigators will recruit an infant cohort at 8 months, a toddler cohort at 20 months, and a preschool cohort at 3 years. Each cohort will be assessed at three time points -- every six months for infants (i.e., 8, 14, and 20 months), every 8 months for toddlers (i.e., 20, 28, and 36 months), and every year for preschoolers (3, 4, and 5 years). When examined at a specific age, the sample will provide a snapshot into the association between mental rotation and non-spatial skills (i.e., object features, processing bias, and motor experience). The longitudinal design will allow the investigators to follow participants across infancy, toddlerhood, or the preschool years. This approach provides an opportunity to understand how non-spatial skills, such as more precocious motor skills during infancy, may shape mental rotation over time. Such findings are central to bolstering understanding of the possible mechanisms by which particular types of

Note:

- Program Manager
- Duration
- Awarded amount
- Co-funded?
- Topic area



Before you apply... READ!!!



NSF Review Criteria

Intellectual Merit -
Encompasses the potential
to advance knowledge

Broader Impacts -
Encompasses the potential
to benefit society and
contribute to the
achievement of specific,
desired societal outcomes



Make sure to prepare other required & supplementary documents

1. References Cited
2. Biographical Sketch – required to use NSF format
3. Current & Pending Support – required to use NSF format
4. Facilities Equipment and Other Resources
5. Collaborators and Other Affiliations Information (COA) – Required of **all** senior personnel
6. Data Management Plan
 - Must include a statement of how the data will be made **publicly available**
 - Consult guidance in [Data Management Plan for SBE Proposals and Awards document](#)
7. Postdoctoral Mentoring Plan: If applicable
8. Letters of collaboration: Not required for B2 3.0, but follow directions in the PAPPG if including





Work closely and efficiently with your institution

1. Get to know your **SRO** & the process of submitting grants at your institution
 - Understand your institution's workflow process
2. Communicate with research administrators **early and often**
3. Make sure **ethical approvals** are in the works
 - You do not need to have approval at the time of proposal submission
4. Pay attention to **internal deadlines**
5. Identify what makes you, your institution, or research idea **unique** and consider how to best convey this in your proposal



Example One-Pager

1. Overview



- Background
- Fit with B2 3.0 program
- Research questions & hypotheses

2. Intellectual Merit



- Potential to advance knowledge in fundamental SBE science

3. Broader Impacts



- Potential to benefit society
- Contribution to achievement of specific societal outcomes



Thank you!

Kellina Craig-Henderson, Ph.D.

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Social, Behavioral and Economic Sciences Directorate

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