



National Science Foundation
WHERE DISCOVERIES BEGIN

NSF Grants Conference

Introduction & NSF Overview

March 11-12, 2013

Hosted by Howard University, Arlington, Virginia





National Science Foundation
WHERE DISCOVERIES BEGIN



Panelist

Martha Rubenstein

Chief Financial Officer and Head, Office of Budget, Finance & Award Management



National Science Foundation
WHERE DISCOVERIES BEGIN



Ask Early, Ask Often!



Topics Covered

- **Origins of NSF**
- **NSF Organization**
- **NSF Budget in the Federal Context**
- **NSF Fiscal Year 2013 Budget Request**
- **Funding Trends**
- **ARRA Acceleration**
- **Research.gov**
- **Key Documents**
- **Questions**



Origins of NSF



- **The Government should accept new responsibilities for promoting the flow of scientific knowledge and the development of scientific talent in our youth.”**
 - Science - The Endless Frontier, 1945
- **1947: Congress Approves, Truman Vetoes**
- **1950: Compromise Bill Approved & Signed by Truman**



NSF Act of 1950

- **To promote the progress of science...**
- **NSB (24) and 1 Director, appointed by the President**
- **Encourage & develop a national policy for the promotion of basic research and education in the math, physical, medical, biological, engineering and other sciences**
- **Initiate & support basic scientific research in the sciences**
- **Evaluate the science research programs undertaken by agencies of the Federal government**
- **Provide information for S&E policy formation**

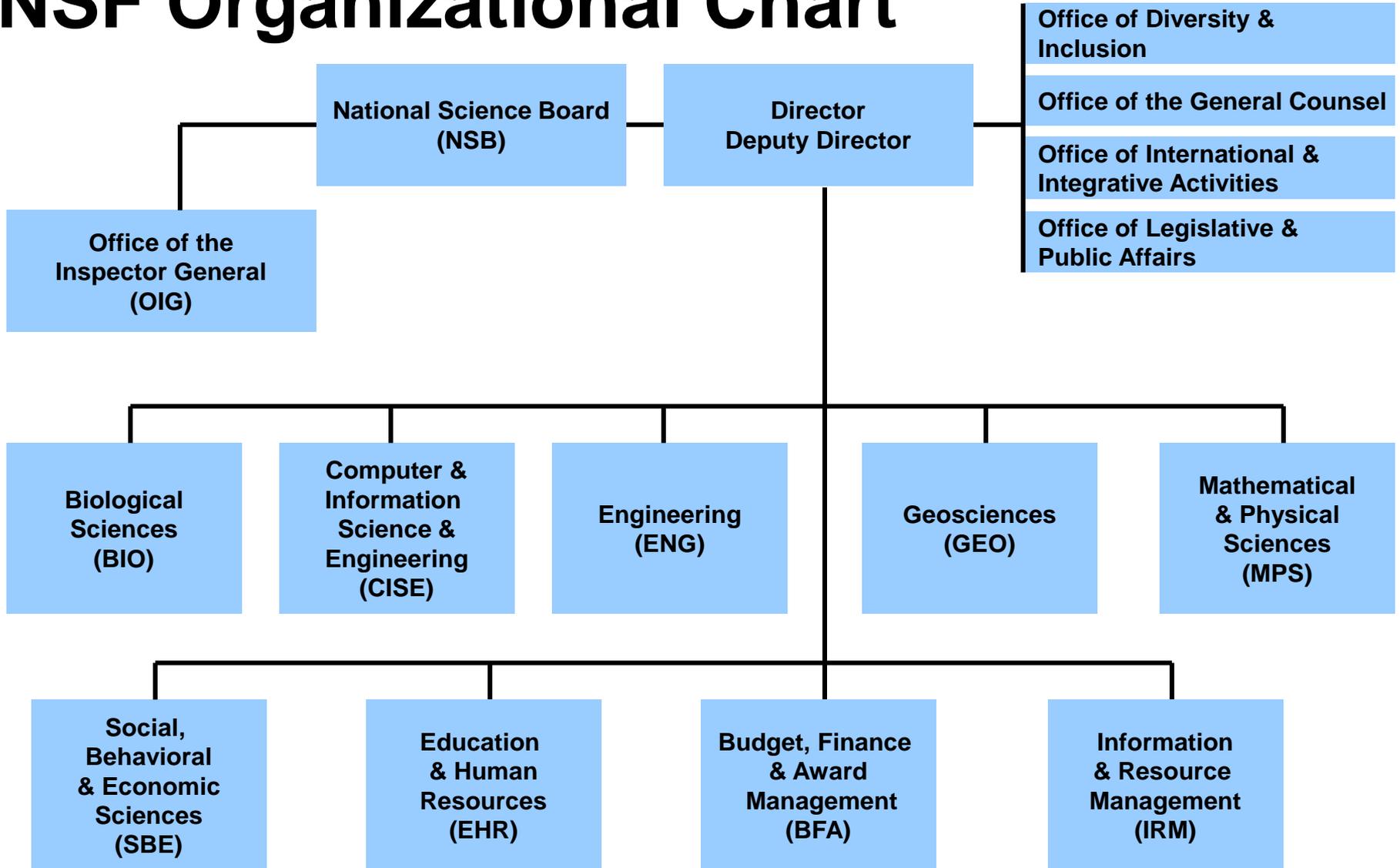


NSF in a Nutshell

- **Independent Agency**
- **Supports basic research & education**
- **Uses grant mechanism**
- **Low overhead; highly automated**
- **Discipline-based structure**
- **Cross-disciplinary mechanisms**
- **Use of Rotators/IPAs**
- **National Science Board**



NSF Organizational Chart





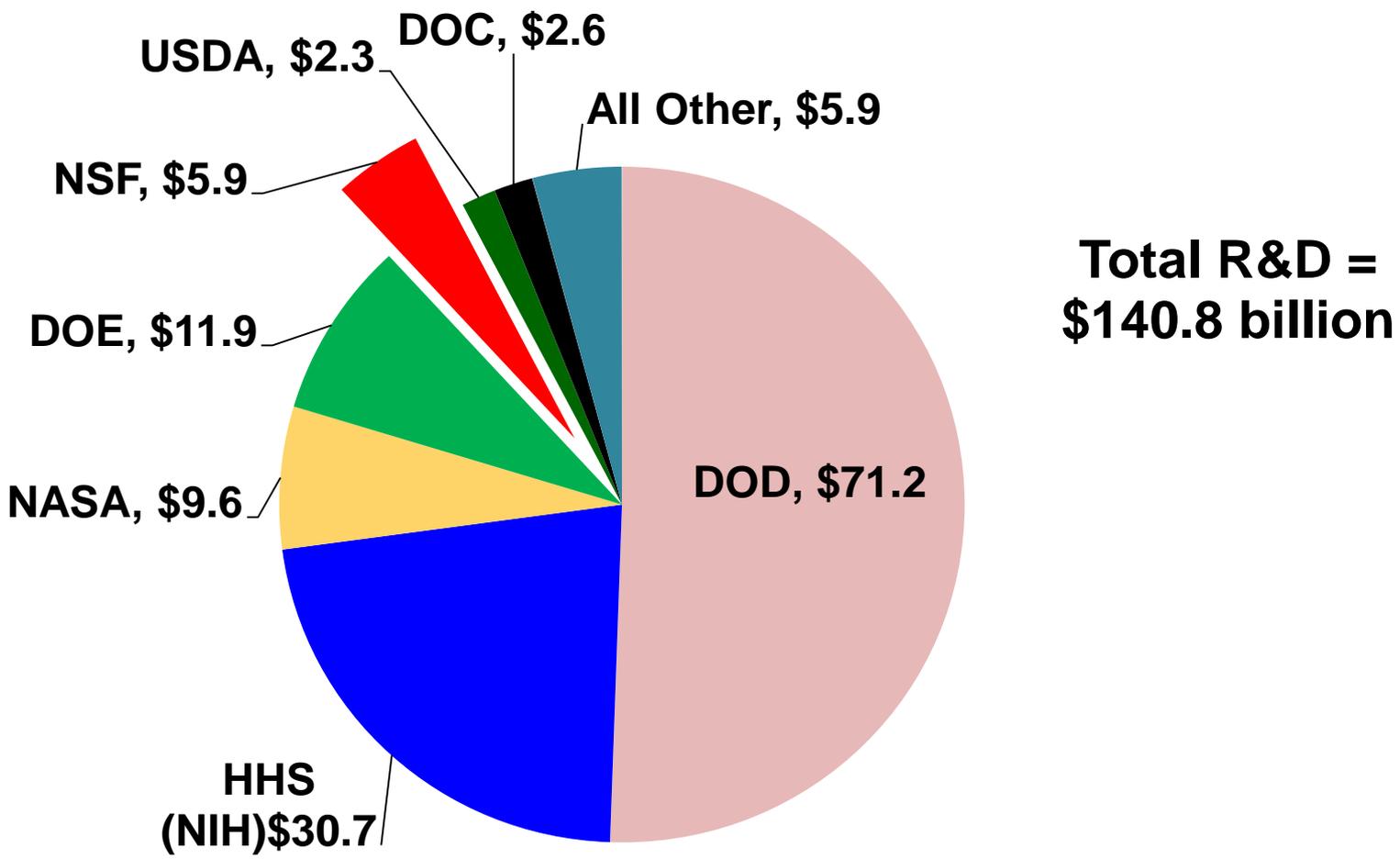
Personnel Update

- **Dr. Pramod P. Khargonekar appointed Assistant Director, Directorate for Engineering**
- **Dr. Roger M. Wakimoto appointed Assistant Director, Directorate for Geosciences**
- **Dr. F. Fleming Crim appointed Assistant Director, for Mathematical & Physical Sciences**
- **Dr. Wanda Ward appointed Head, Office of International & Integrative Activities**



FY 2013 Request: Total R&D by Agency

Budget Authority in Billions of Dollars





FY 2013 Budget Request

National Science Foundation Funding by Account

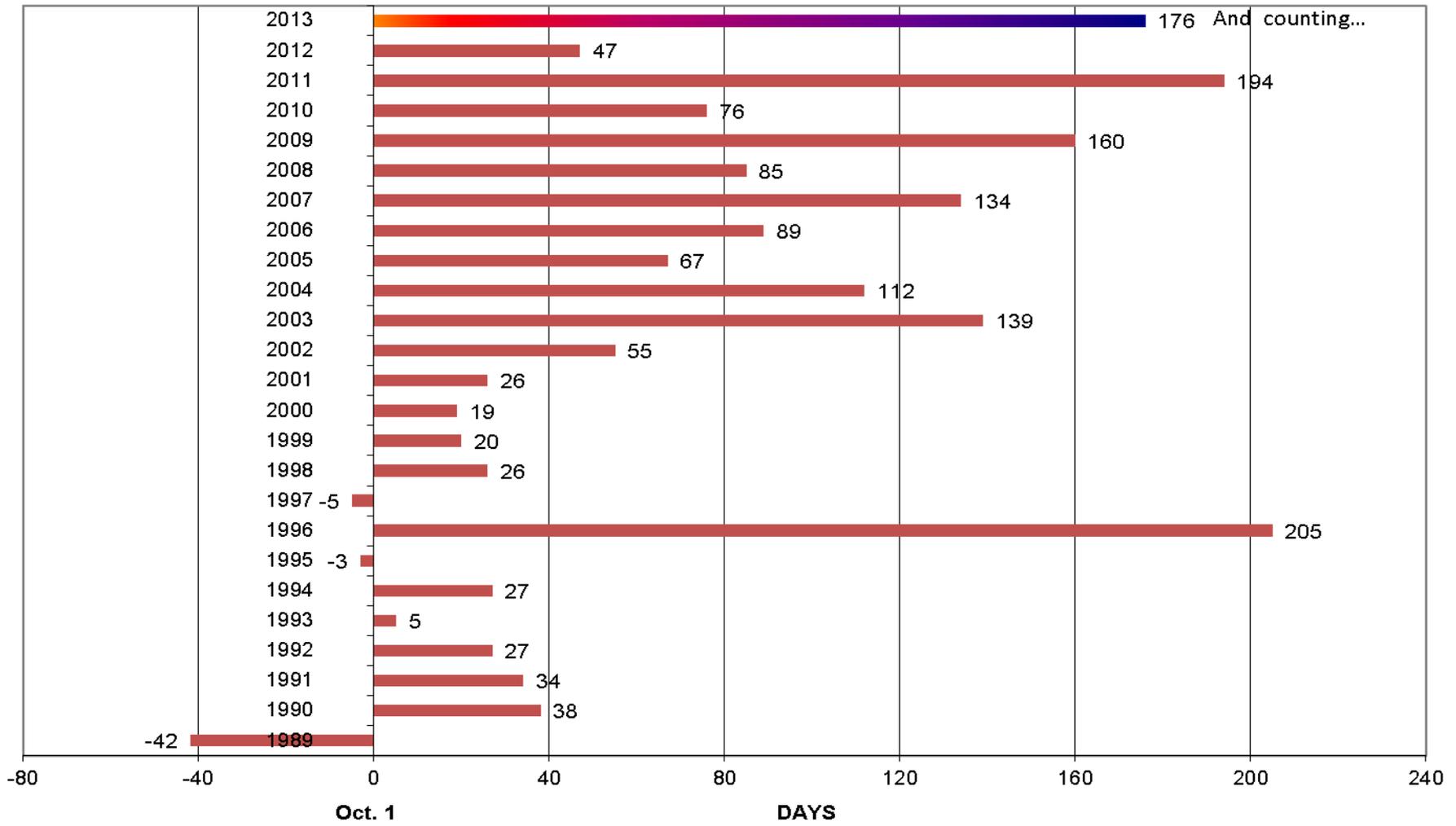
(Dollars in Millions)

	FY 2012 Enacted	FY 2013 Request	Change Over FY 2012 Enacted	
			Amount	Percent
Research & Related Activities	\$5,689	\$5,983	\$294	5.2%
Education & Human Resources	829	876	47	5.6%
Major Research Equipment & Facilities Construction	197	196	-1	-0.4%
Agency Operations & Award Management	299	299	-	-
National Science Board	4	4	-	-
Office of Inspector General	14	14	-	-
Total, NSF	\$7,033	\$7,373	\$340	4.8%

Totals may not add due to rounding.



APPROPRIATIONS DRIFT
NSF Appropriations Dates versus Start of Federal Fiscal Year Oct. 1





What to Watch

- Up to March 27th and the expiration of the continuing resolution
 - Does the sequester remain in place?
 - Final action on FY 2013 funding?
- Next steps on FY 2014
 - President's Budget to Congress (date TBD)



FY 2013 Sequestration Planning

- NSF Guiding Principles
 - Protect commitments to NSF’s core mission and maintain existing awards
 - Protect the NSF workforce
 - Protect STEM human capital development programs
- Administration Guidance
 - OMB Memorandum M-13-03
 - “Take into account funding flexibilities (i.e. reprogramming and transfer authority”

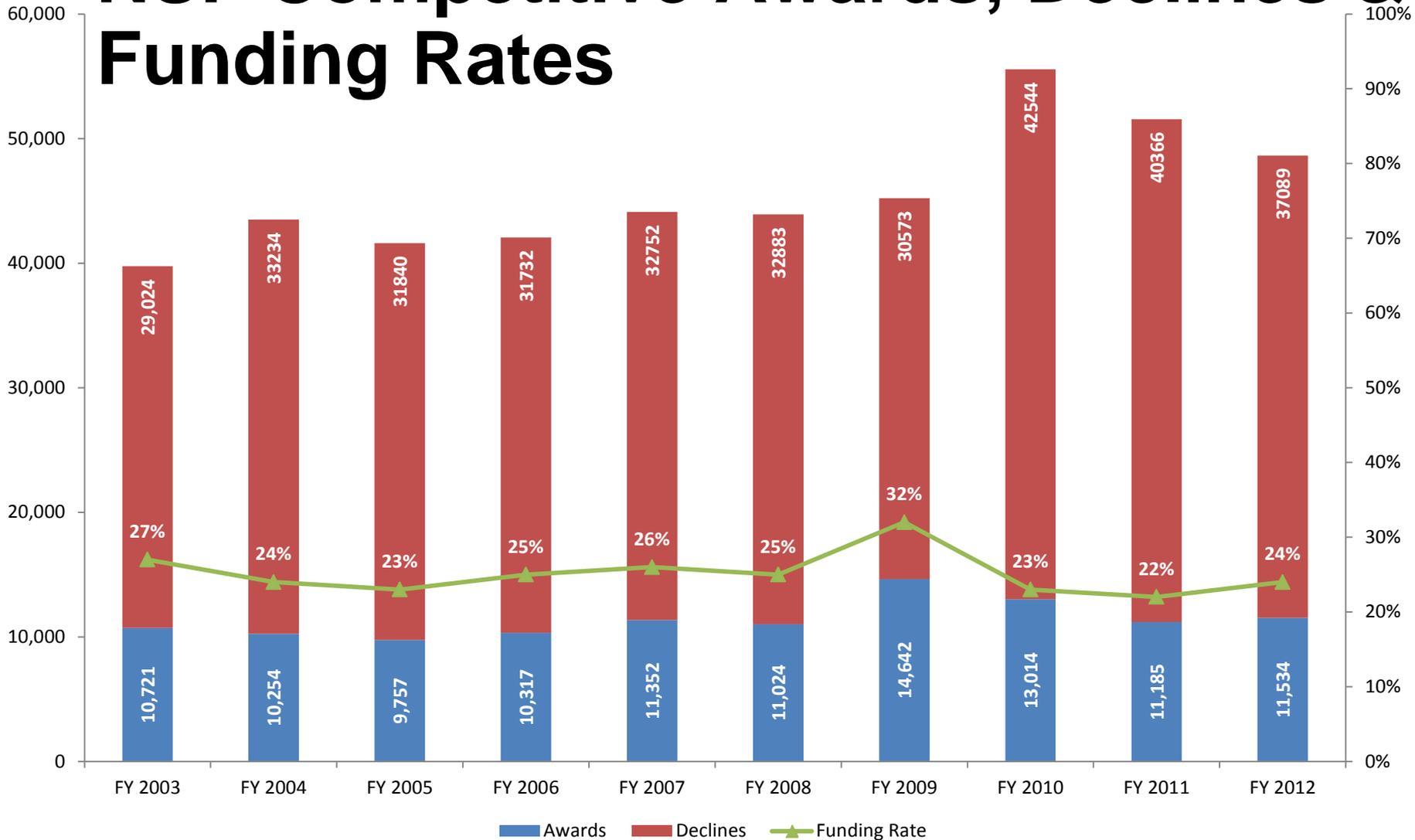


FY 2013 Sequestration: Potential Impacts

- No anticipated furloughs
- No anticipated reductions to continuing awards or ongoing construction projects
- Major impact on number of new research grants
 - Reduction of nearly 1,000 research grants
 - Impact on nearly 12,000 people supported by NSF

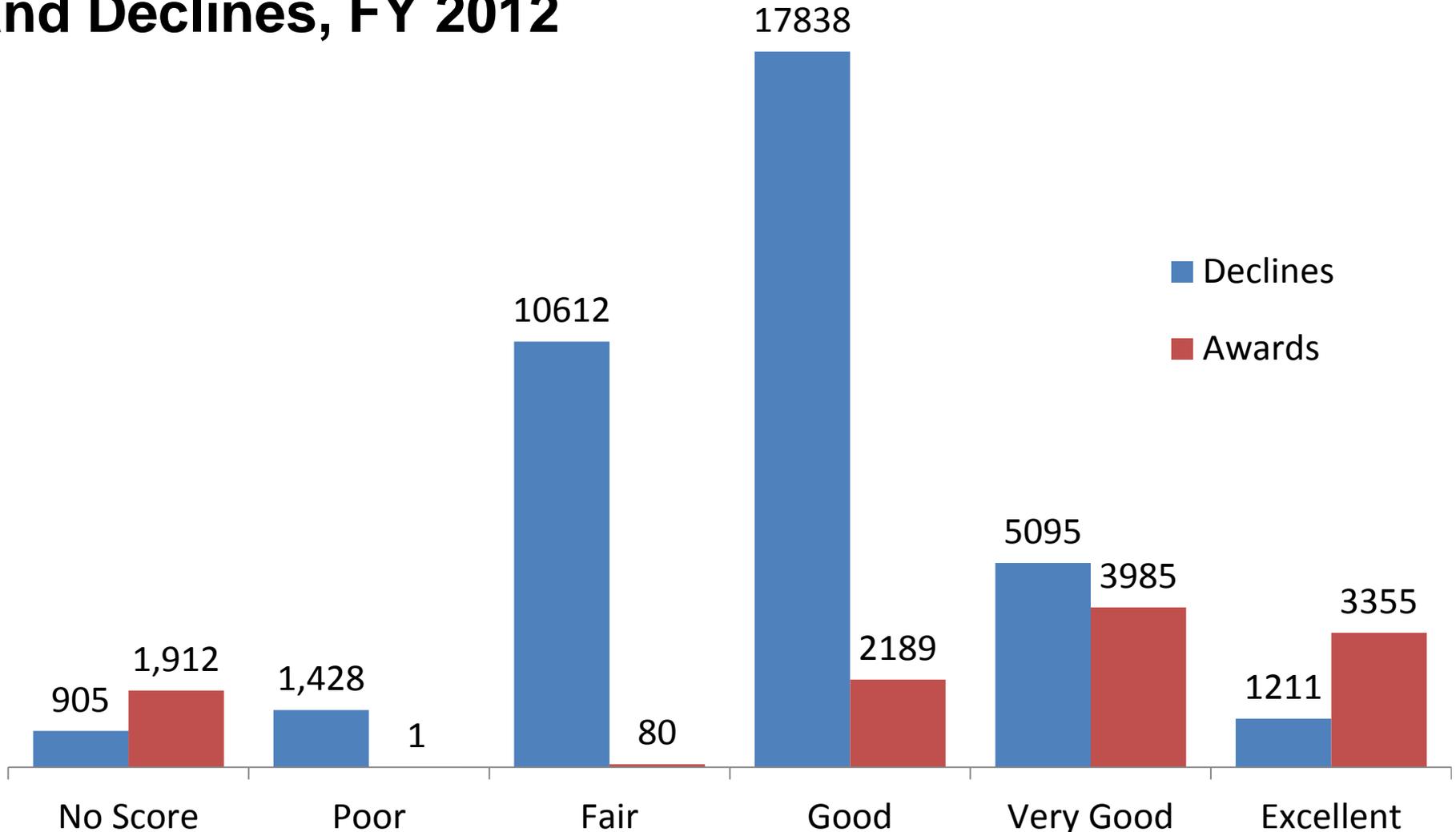


NSF Competitive Awards, Declines & Funding Rates





Distribution by Average Reviewer Ratings for Awards and Declines, FY 2012





ARRA Acceleration: What Recipients Need to Know

- E-mails sent to all Awardees/PIs in late September notifying them if award was or was not included on NSF waiver request list
- Awards on waiver request list
 - Extensions and other no-cost actions okay if consistent with scope and original terms of award
 - NSF is prepared to stand by its determination that a compelling legal, policy, or operational rationale exists for allowing expenditures to continue beyond 9/30/13
- Awards NOT on waiver request list
 - Cannot be extended past 9/30/13
 - Other no-cost actions okay if consistent with scope and project completion by 9/30/13
 - Costs must be incurred by 9/30/13; all funds do not have to be drawn down – normal closeout (ACM\$)
- Questions: NSFARRAReviewer@nsf.gov

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[Science, Engineering, and Education Innovation \(SEE Innovation\)](#)

Provides the public, scientific community, and policy makers with quick, dynamic access to information about NSF investments at the forefront of science, engineering, and education.



[Policy Library](#)

An electronic library that consolidates federal and agency-specific policies, guidelines and procedures for use by federal agencies and the research community. Agency-specific documents are available for Research.gov partner agencies.



[Grants Application Status](#)

Principal Investigators (PIs) and Sponsored Projects Office (SPO) staff can check the status of grant applications, from submission to decision, submitted to NSF and



Learn More About the American Recovery and Reinvestment Act of 2009.

[Learn More](#)

Events

March 18 - 21, 2012
[Western/Northeast Section Meeting Conference](#)

March 19 - 20, 2012
[NSF Regional Grants Conference](#)

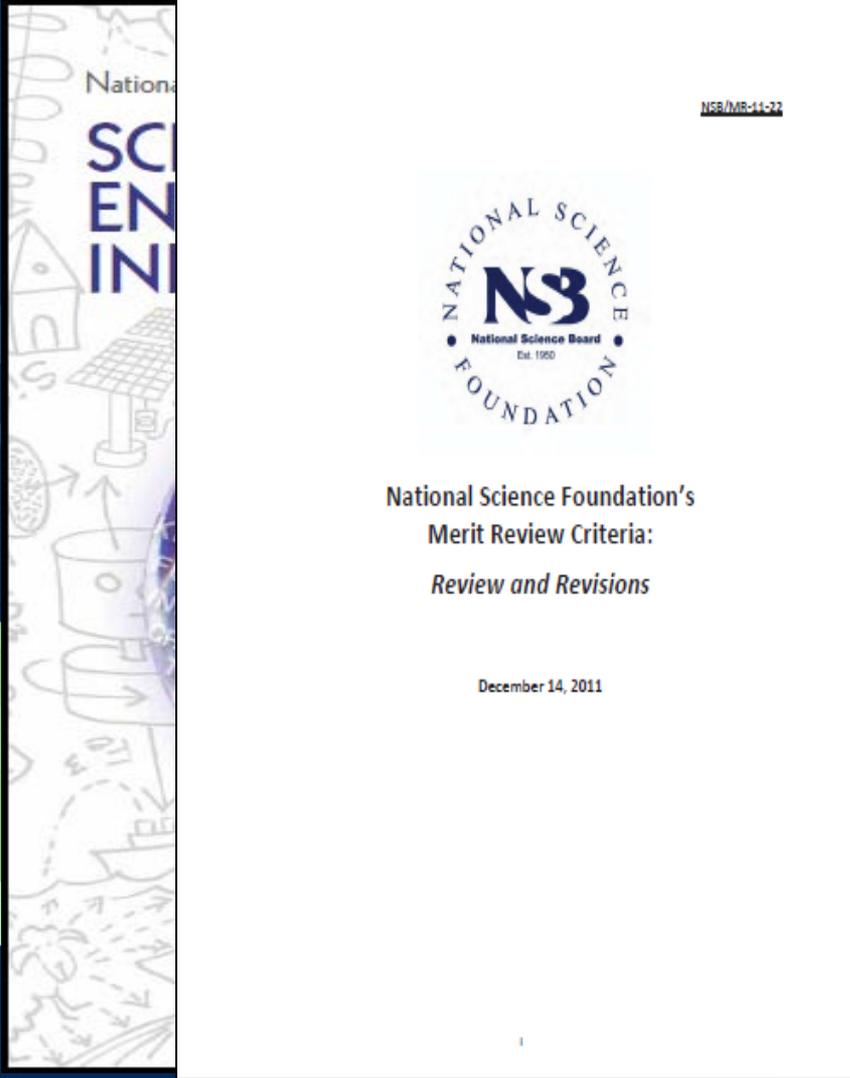
March 26 - 28, 2012
[Financial Research Administration 13 Conference](#)

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My Weather



Key Documents



- **Proposal & Award Policies & Procedures Guide (PAPPG)**
- **FY 2013 Budget Request to Congress**
- **Science & Engineering Indicators**
- **Report to the NSB on NSF Merit Review Criteria**



Key Document Sites

- **Proposal & Award Policies & Procedures Guide**
http://www.nsf.gov/publications/pub_summ.jsp?ods_key=papp
- **Fiscal Year 2013 Budget Request**
<http://www.nsf.gov/about/budget/fy2013/index.jsp>
- **NSF Strategic Plan for Fiscal Years 2011-2016**
http://www.nsf.gov/news/strategicplan/nsfstrategicplan_2011_2016.pdf
- **NSB Report on Merit Review**
<http://www.nsf.gov/nsb/publications/2011/meritreviewcriteria.pdf>



For More Information

Ask Early, Ask Often!

[nsf.gov/staff](https://www.nsf.gov/staff)

[nsf.gov/staff/orglist.jsp](https://www.nsf.gov/staff/orglist.jsp)

[nsf.gov/about/career_opps/rotators/index.jsp](https://www.nsf.gov/about/career_opps/rotators/index.jsp)