

# Advisory Committee for International Science & Engineering

March 26-27, 2015



*Please mute your phone  
Do not place the call on hold*



*Kelsey Cook, PhD  
Acting Section Head*

# AC-ISE Agenda: 3/26/15

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Background

- Introductions
  - AC Members, ISE (live, remote)
  - FACA
  - Sign In
- Minutes from March 2013 and November 2014
- International across NSF and ISE, Past & Present
  - People
  - Programs & Funding
  - Non-programmatic Activities

Planning

- Strategic Framework and Strategic Directions
- NSF Director France Córdova & COO Richard Buckius
- NSF Public Access Plan (Amy Friedlander)
- Subcommittee Planning
- Dinner (Grand Cru)



# AC-ISE Agenda: 3/27/15

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- Subcommittee Planning (cont'd)
- Overseas Offices Update & STPI Report
- CEOSE Update
- AC-ERE Update
- Wrap-up and Next Meeting Date
- Adjourn by 3 PM



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# FACA Briefing



# Members Sign In on FastLane

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<https://www.fastlane.nsf.gov/>



- to ensure reimbursement
- to correct any mistakes in the spelling of your name or address in the NSF database



# Rebecca Keiser will join NSF on April 6, 2015.

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Credit: NASA



# Personnel Changes since November 2014

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## Departures

(Kelsey Cook 3/31)  
Marjorie Lueck  
Alex Stepanian  
(Mark Suskin 4/3)

## Arrivals

(Rebecca Keiser 4/6)  
Seta Bogosyan  
Akaysha Tang



# Budget Update

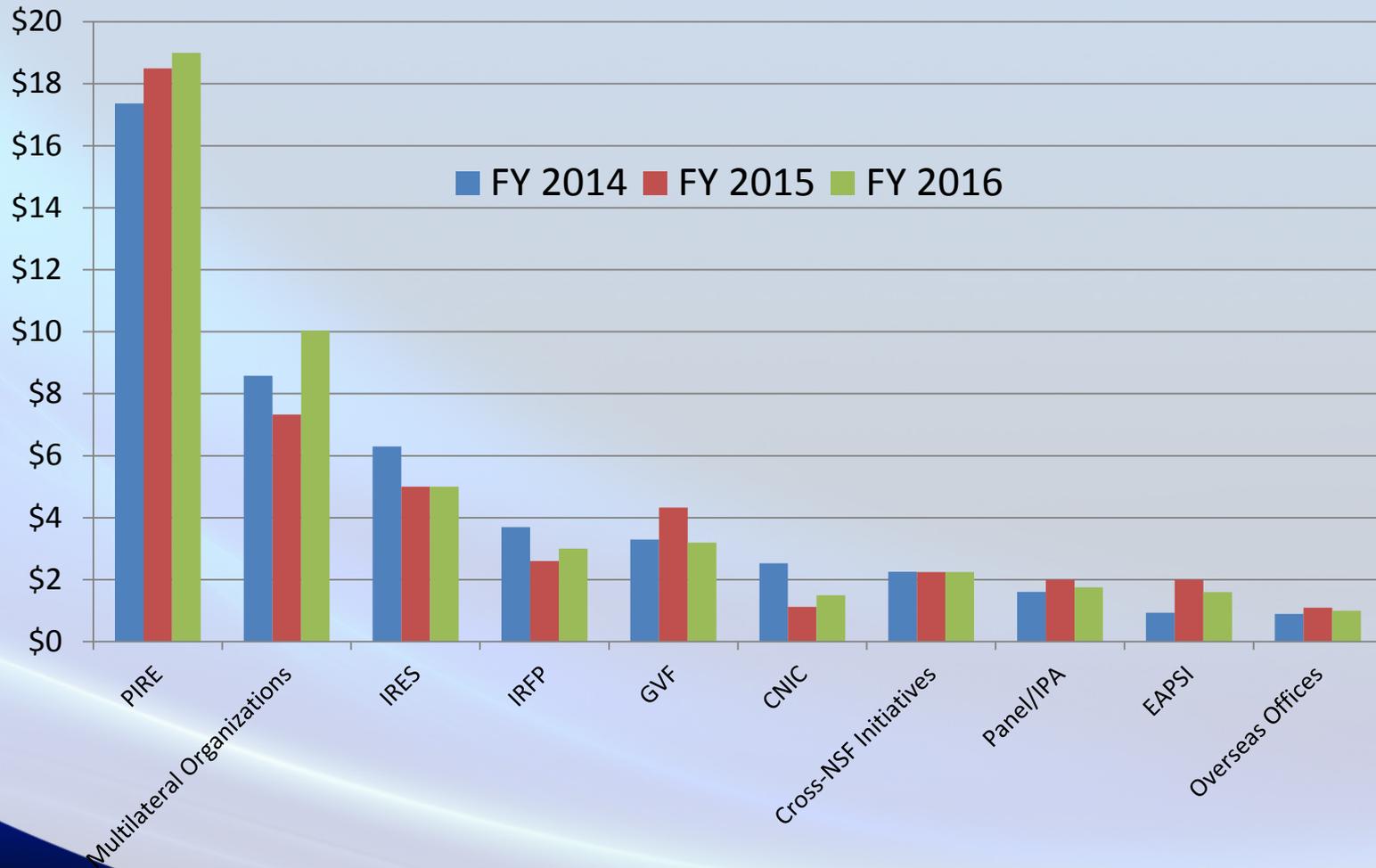
	NSF (Total)	NSF (R&RA)	ISE (R&RA)
FY 2014 Actual	\$7.131 B	\$5.775 B	\$48.3 M
FY 2015 Estimate	\$7.344 B	\$5.934 B	\$48.5 M
FY 2016 Request	\$7.724 B	\$6.186 B	\$51.0 M

*R&RA – Research & Related Activities*

*AOAM – Agency Operations and Award Management*



# ISE R&RA Distribution



# NSF's International Charter

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## ➤ NSF Act of 1950

*“The Foundation is authorized and directed...to foster the interchange of scientific and engineering information among scientists and engineers in the United States and foreign countries.”*

## ➤ NSF Strategic Plan for Fiscal Years (FY) 2014-2018

*“NSF Vision: A Nation that creates and exploits new concepts in science and engineering and provides **global leadership** in research and education.”*



# Merit Review Criteria

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## National Science Board

- What is the ***intellectual merit*** and quality of the proposed activity?
- What are the ***broader impacts*** of the proposed activity?

## Additional ISE Criteria for International Activities

- True intellectual collaboration with foreign research partner
- New international collaborations
- Clear benefit to U.S. science/engineering community from expertise, facilities, or resources of the foreign collaborator
- Active research engagement of U.S. students and junior researchers at the foreign site



# Programmatic Activities

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- Talent Development
  - International Research Experiences for Students
  - East Asia & Pacific Summer Institutes
  - Graduate Research Opportunities Worldwide
  - Pan-American Advanced Studies Institutes (on hold)
  - International Research Fellowship Program
- Partnerships
  - Partnerships for International Research and Education
  - Catalyzing New International Collaborations (on hold)
- Partnerships Managed Outside ISE
  - Partnerships for Enhanced Engagement in Research (USAID/NAS; NIH, NASA, USDA, USGS, Smithsonian)
  - Global Venture Fund
  - Science Across Virtual Institutes



# ISE Programs, FY 2012-2015 (YTD)

	Proposals	Awards	Funding Rate
EAPSI	1607	598	50.9%
IRES	381	53	15.4%
IRFP	36	17	56.7%
PIRE	52 (231 pre-proposals)	12	23.5% (28.8% invited)
CNIC	409	132	46.3%
<b>TOTAL</b>	<b>3144</b>	<b>812</b>	<b>44.6%</b>



# Panels and *ad hoc* Reviewers

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	Number of Panels*	Number of <i>ad hoc</i> Reviewers
FY 2011	2	1924
FY 2012	4	1605
FY 2013	10	366

\* Data from NSF Enterprise Information System



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**NSF Global Leadership:**  
Science Diplomacy,  
Other Non-proposal Activities, and  
Overseas Offices,



# Global Leadership: Science Diplomacy

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- Global Research Council
- Counterpart Organizations
  - Foreign Delegations & Visitors ~85 annually
  - International Funding Agency Symposium
- Department of State
  - High-level Bilateral/Multilateral Meetings (e.g., Joint Commission Meetings) ~15 annually
  - Embassy Science Fellows - 57 NSF Fellows since 2001
  - Embassy Visits Abroad



# Internal & External Activities

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- Support NSF Office of the Director
  - Briefings for NSF Director & Deputy - over 50 annually
  - Correspondence for Office of the Director ~ 65-100 annually
  - Travel accompaniment
- Support NSF Directorates
  - MOUs and other agreements
  - J-1 Visa Waivers ~30 annually
  - Country Clearances for NSF staff - over 700 trips annually
  - Cross-NSF working groups
- Examples of Outreach ~40 annually
  - NSF Days
  - Grants Conferences
  - Scientific Meetings & Professional Societies (e.g., SACNAS)
  - Webcasts



# Overseas Offices

*Building relationships, strengthening partnerships, identifying emerging trends, facilitating leveraging of foreign resources*

	Year Established	Current Personnel	Office Head
Tokyo	1960	3	Kellina Craig-Henderson
Paris	1987	2	Mark Suskin (Acting)
Beijing	2006	3	Nancy Sung

- Integrated with Local US Embassy
- Mission: Facilitation, Representation, Reporting
- No Program Management/Funds
- ISE Oversight/Administration Function Unique Within NSF
- 2013 External Evaluation



# Evaluations and Reflections

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- Strategic Framework
- Evaluations:
  - Overseas Offices (STPI; public)
  - EAPSI
  - IRFP
  - PIRE (on-going)



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