

**INTERNATIONAL AND INTEGRATIVE ACTIVITIES (IIA) \$536,620,000**  
**+\$137,180,000 / 34.3%**

**IIA Funding**  
(Dollars in Millions)

	FY 2012	FY 2012	FY 2014	Change Over	
	Actual	Enacted/ Annualized FY 2013 CR	Request	FY 2012 Enacted Amount	Percent
Communicating Science Broadly	\$2.00	\$2.00	-	-\$2.00	-100.0%
EPSCoR	150.85	150.90	163.58	\$12.68	8.4%
INSPIRE <sup>1</sup>	12.35	12.35	31.00	18.65	151.0%
International Science and Engineering	49.95	49.85	51.88	2.03	4.1%
Major Research Instrumentation	90.00	90.00	90.00	-	-
National Graduate Research Fellowships	88.50	88.50	162.57	74.07	83.7%
NSF Research Traineeships	-	-	5.00	5.00	N/A
Science and Technology Centers Class of 2013	-	-	25.00	25.00	N/A
Science and Technology Centers Administration	0.43	1.30	1.30	-	-
Science and Technology Policy Institute	3.14	3.14	4.89	1.75	55.7%
STAR METRICS	1.38	1.40	1.40	-	-
<b>Total, IIA</b>	<b>\$398.60</b>	<b>\$399.44</b>	<b>\$536.62</b>	<b>\$137.18</b>	<b>34.3%</b>

Totals may not add due to rounding.

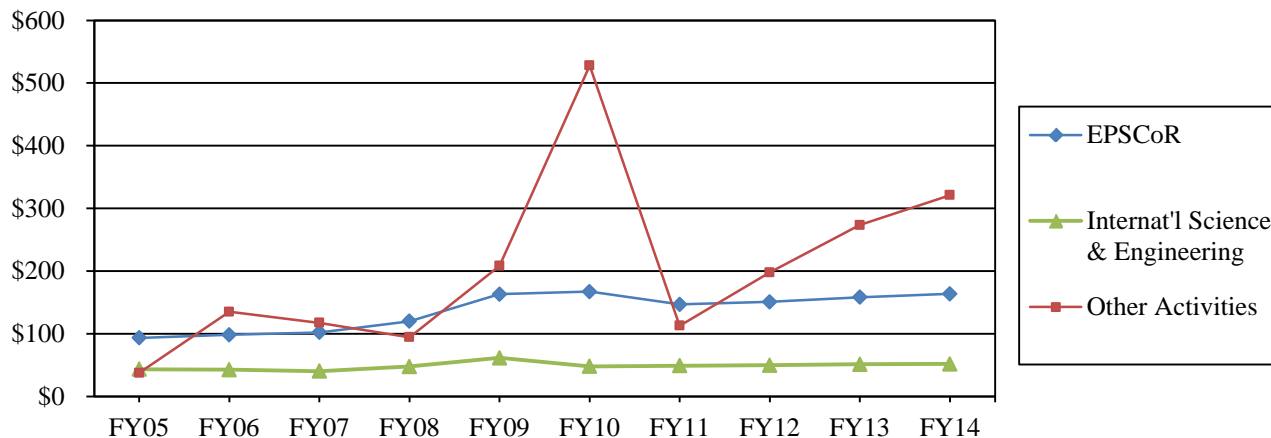
As part of the approved realignment of four offices within the Office of the Director, the Office of International Science and Engineering was combined with the Office of Integrative Activities and renamed the Office of International and Integrative Activities (OIIA). The Integrative Activities budget line is now International and Integrative Activities (IIA).

<sup>1</sup> This line shows centralized funding for INSPIRE. Other IIA budget lines, notably International Science and Engineering, also provide funding for INSPIRE.

**About IIA**

IIA includes a diverse array of Foundation-wide activities. Through IIA, funding is provided for high priority, well-established activities such as administration of the Science and Technology Centers (STCs), Experimental Program to Stimulate Competitive Research (EPSCoR), Major Research Instrumentation (MRI), National Graduate Research Fellowship (NGRF) programs, and International Science and Engineering (ISE). IIA also invests in new activities, such as Integrated NSF Support Promoting Interdisciplinary Research and Education (INSPIRE), that will have a significant impact on the way NSF supports novel science and engineering research at the intersection of traditional disciplines. IIA also facilitates NSF-wide activities such as Career Life Balance that assure an excellent U.S. science, technology, engineering, and mathematics (STEM) workforce by creating a coherent set of career-life policies and program opportunities that take into account the career-family life course and reduce the rate of departure of women from the STEM pathway.

**IIA Subactivity Funding**  
(Dollars in Millions)



FY 2009 funding reflects both the FY 2009 omnibus appropriation and funding provided through the American Recovery and Reinvestment Act of 2009 (P.L. 111-5). FY 2010 includes ARRA carryover.

**FY 2014 Summary**

All funding changes are over the FY 2012 Enacted level.

- **Communicating Science Broadly (CSB):** CSB is proposed for termination. Peer-reviewed research and model-building activities to better understand effective means and innovative models for engaging the public in learning science outside of school settings will continue to be supported through the Advancing Informal STEM Learning (AISL) program – formerly known as the Informal Science Education program – in the Directorate for Education and Human Resources (EHR).
- **The Experimental Program to Stimulate Competitive Research (EPSCoR):** EPSCoR assists NSF in its mandate to promote scientific progress nationwide. EPSCoR investments enable lasting improvements in the research capacity of institutions in participating states and promote broader engagement at the frontiers of discovery and innovation in science and engineering. EPSCoR's FY 2014 Request of \$163.58 million is an increase of \$12.68 million over the FY 2012 Enacted level of \$150.90 million.
- **Integrated NSF Support Promoting Interdisciplinary Research and Education (INSPIRE):** This program was established in FY 2012 to address some of the most complicated and pressing scientific problems that lie at the intersections of traditional disciplines, in keeping with NSF's strategic goal of *Transform the Frontiers*. INSPIRE will continue to strengthen NSF's support of interdisciplinary, potentially transformative research by complementing existing efforts with a suite of highly innovative Foundation-wide activities and funding opportunities. In FY 2014, IIA will invest \$31.0 million in INSPIRE, which is \$18.65 million above FY 2012 Enacted.
- **International Science and Engineering (ISE):** IIA will emphasize support of internationally-focused activities that augment and further integrate international engagement of research and education programs across NSF. This will be accomplished by co-funding with directorates and offices through activities including Science Across Virtual Institutes (SAVI) the Global Venture Fund (GVF), and the international postdoctoral support programs. In addition to co-funding collaborations with NSF disciplinary units, the following OIIA-managed programs enhance U.S. international research and education interests: Partnerships for International Research and Education (PIRE); International

Research Experience for Students (IRES); East Asia and Pacific Summer Institutes for U.S. Graduate Students (EAPSI); and Catalyzing New International Collaborations (CNIC). These programs support U.S. scientists, engineers, and students engaged in international research and education activities in all NSF-supported disciplines involving any region of the world. IIA also contributes to U.S. participation in global organizations, and manages overseas offices to facilitate U.S. engagement with foreign researchers and educators. The FY 2014 Request includes \$51.88 million in funding for international activities within IIA an increase of \$2.03 million over FY 2012 Enacted.

- Major Research Instrumentation (MRI): Advanced research instrumentation is essential for breakthrough discoveries. In addition, state-of-the-art research instrumentation motivates and enables researchers at all career levels. In FY 2014, MRI investments will support awards that strengthen the Nation's research instrumentation capacity and modern research infrastructure. Funding for MRI in FY 2014 is \$90.0 million, which is unchanged from FY 2012 Enacted.
- In FY 2014, National Graduate Research Fellowship (NGRF) program (formerly Graduate Research Fellowship program), will represent an enhancement of NSF's signature graduate fellowship program to become a flagship STEM fellowship program for the federal government. A \$74.07 million increase over the FY 2012 Enacted is requested for a total IIA investment of \$162.57 million. An equivalent investment (\$162.57 million) is provided through the Directorate for Education and Human Resources (EHR) for total NGRF funding of \$325.14 million. With the additional resources, NSF will award approximately 700 additional fellows bringing the total estimated number of new fellowships awarded in FY 2014 to 2,700.
- In collaboration with EHR, a new program, NSF Research Traineeships (NRT) will be initiated with an IIA investment of \$5.0 million in FY 2014. NRT will encourage strong, well-documented efforts at innovation and design of graduate programs to support growth within emphasis areas (e.g. cyberinfrastructure) and solid preparation of the trainees. For more information see the Major Investments in Science, Technology, Engineering, and Mathematics (STEM) Graduate Education narrative in the NSF-Wide Investments chapter.
- The Science and Technology Policy Institute (STPI): This Federally Funded Research and Development Center (FFRDC), sponsored by NSF on behalf of the White House Office of Science and Technology Policy (OSTP), provides analysis on significant domestic and international science and technology policies and developments for OSTP and other federal agencies. In FY 2014, NSF requests \$4.89 million, an increase of \$1.75 million above FY 2012 Enacted. Of this increase, \$1.50 million will support OSTP in leading a new, interagency Big Earth Data initiative to improve coordination and management of federal Earth system observations, data, and information. This is in coordination with the U.S. Group on Earth Observations Subcommittee of the National Science and Technology Council. The remaining \$250,000 increase will support additional studies and analyses for OSTP.
- Science and Technology for America's Reinvestment (STAR METRICS): This is an interagency pilot activity that is a new approach to developing information on how NSF and other federal research and development investments affect the innovation ecosystem. The FY 2014 Request of \$1.40 million will enable NSF to meet commitments to the interagency STAR METRICS partnership, promote the integration of elements of STAR METRICS into an assessment and evaluation information system linked to NSF management information systems, and support assessment and evaluation pilots in NSF programs using STAR METRICS tools. This project supports the assessment and evaluation plans described in *Empowering the Nation Through Discovery and Innovation - NSF Strategic Plan for Fiscal Years (FY) 2011-2016*.

**Major Investments**

**IIA Major Investments**

(Dollars in Millions)

<b>Area of Investment</b>	FY 2012			Change Over	
	FY 2012 Actual	Enacted/ Annualized FY 2013 CR	FY 2014 Request	FY 2012 Enacted Amount	Percent
Clean Energy Technology	\$23.98	\$25.21	\$19.00	-\$6.21	-24.6%
INSPIRE <sup>1</sup>	12.43	12.35	32.00	19.65	159.1%
SEES	11.98	12.00	10.00	-2.00	-16.7%

Major investments may have funding overlap and thus should not be summed.

<sup>1</sup> Includes funding for INSPIRE captured in IIA's International Science and Engineering line for the FY 2012 Actual (\$75,000) and FY 2014 Request (\$1.0 million).

- **Clean Energy Technology:** Support of \$19.0 million will enhance research and innovations in such areas as solar energy technologies, biofuels and bioenergy, wind energy generation, sustainability, and renewable energy storage. The IIA Clean Energy Technology investment includes its support of the Science, Engineering, and Education for Sustainability (SEES) activity.
- **INSPIRE:** Funding of \$32.0 million will strengthen NSF's support of interdisciplinary, potentially transformative research. Included in this total is \$1.0 million of ISE support for INSPIRE.
- **SEES:** An investment of \$10.0 million will fund international collaborations that focus on research and technologies to mitigate and adapt to, environmental change that threatens sustainability. IIA's SEES support primarily consists of its funding for the existing, SEES-focused 2012-2016 PIRE cohort.

**IIA Funding for Centers Programs and Facilities**

**IIA Funding for Centers Programs**

(Dollars in Millions)

	FY 2012			Change Over	
	FY 2012 Actual	Enacted/ Annualized FY 2013 CR	FY 2014 Request	FY 2012 Enacted Amount	Percent
<b>Centers Programs Total</b>	<b>\$0.43</b>	<b>\$1.30</b>	<b>\$26.30</b>	<b>\$25.00</b>	<b>1923.1%</b>
Science & Technology Centers Administration	0.43	1.30	1.30	-	-
Science & Technology Centers Class of 2013	-	-	25.00	25.00	N/A

For detailed information on individual centers, please see the NSF-Wide Investments chapter.

- NSF's investments in Science and Technology Centers (STCs) create platforms to support interdisciplinary discovery. The STC Integrative Partnerships program — which in FY 2014 will fund 16 centers (11 existing and up to five new from the Class of 2013) nationwide — supports innovative, potentially transformative, complex research and education projects that require large-scale, long-term efforts. STCs engage the Nation's intellectual talent through partnerships between academia and other sectors including industry, national laboratories, and government. In FY 2014,

\$25.0 million will be transferred from IIA to the managing directorates for the Class of 2013 STCs. The remaining \$1.30 million will support administrative costs associated with post-award management for the existing 11 centers.

**IIA Funding for Facilities**

(Dollars in Millions)

	FY 2012	FY 2012	FY 2014	Change Over	
	Actual	Enacted/ Annualized FY 2013 CR	Request	FY 2012 Enacted Amount	Percent
<b>Facilities Total</b>	<b>\$0.10</b>	<b>\$0.10</b>	<b>\$0.10</b>	-	-
National Nanotechnology Infrastructure Network (NNIN)	0.10	0.10	0.10	-	-

For detailed information on individual facilities, please see the Facilities chapter.

- In FY 2014, IIA will continue support of the NNIN to leverage connections and collaborations with foreign institutions.

**Program Monitoring and Evaluation**

Science and Technology Policy Institute (STPI) Reports and Evaluations:

- In FY 2011, EPSCoR supported a contract to STPI to perform an in-depth, life-of-program assessment of NSF EPSCoR activities and their outputs and outcomes. This evaluation is focusing on progress in research competitiveness, infrastructure development, broadening participation in science and engineering, and STEM workforce development within EPSCoR jurisdictions. This assessment will provide recommendations for better targeting funds to those jurisdictions for which the EPSCoR investment can result in the largest incremental benefit to their research capacities. The expected completion date is early FY 2014.
- In FY 2012, ISE supported a contract to STPI to perform an in-depth review and assessment of NSF’s three overseas offices (Paris, Tokyo, and Beijing). The purpose is to identify ways to optimize the services provided by the offices, as well as to examine options to achieve an effective NSF presence in different regions of the world. The expected completion date is May 2013.

Program Evaluations:

- In FY 2011, the National Academy of Science (NAS) was charged with conducting a study of EPSCoR and EPSCoR-like programs as called for in the America COMPETES Reauthorization Act of 2010 (P.L. 111-358). Agencies with active programs are Department of Energy (DOE), National Aeronautics and Space Administration (NASA), National Institute of Health (NIH), NSF, and United States Department of Agriculture (USDA). NSF will take into account the results of this study in implementing its EPSCoR program. The expected completion date is early FY 2014.
- An evaluation of the PIRE program was initiated during FY 2012 and is expected to be completed in FY 2014. The FY 2012 PIRE competition will be the fourth competition and an evaluation and assessment is timely and appropriate.
- In FY 2014, baseline data and feasibility study from FY 2013 will inform an outcome evaluation and impact assessment of the first two years of INSPIRE Track 1. The Track 1 outcome evaluation will be modified as needed for INSPIRE Track 2 and Director’s INSPIRE Awards. In consultation with other internal organizations, NSF will begin a review to determine improvements to eBusiness systems to facilitate interdisciplinary research by allowing for interdisciplinary classification of

proposals and awards, and will develop an implementation plan.

Committees of Visitors (COV):

- In 2012, a COV reviewed EPSCoR. The COV presented their reports to the Office Head of the Office of International and Integrative Activities in August 2012. Recommendations were to:
  - Continue the implementation of the recommendations of COVs past and present, in particular with respect to the improved training of reviewers and future COV members and to the continue appointment of at least one member from previous COVs to future COVs to maintain an “institutional memory” and continuity.
  - Continue Research Infrastructure Improvement (RII) Track-2 awards with the incorporation of collaboration across jurisdictions that are beyond the establishment and use of cyberinfrastructure (CI); and endorse the efforts of the EPSCoR program in directing the jurisdictions to seek cyberinfrastructure support from other sources outside of NSF and inside, across other directorates and offices.
  - Continue EPSCoR's efforts focused on broadening participation and maintenance of language in EPSCoR solicitations that emphasize the importance of broadening participation and expanded participation of minority serving institutions (MSIs) in EPSCoR programs and projects, including in leadership and full partner roles.
  - Increase the pool of CI reviewers and the increased use of CI expertise as reviewers across EPSCoR funding mechanisms and encourage the participation of more early-career reviewers.
  - Encourage project leadership to engage new investigators as part of the team that implements the project.
  - Develop an on-line data collection system readily accessible to EPSCoR grantees to facilitate collection and accuracy of data required by NSF EPSCoR and amenable to data mining by the EPSCoR staff.

Workshops and Reports:

- A workshop aimed at developing and implementing strategic initiatives to strengthen the STEM skills in students, particularly those from underrepresented groups, was held in FY 2012. A group of faculty and staff from three organizations were engaged in student development activities as the starting event for the year-long project. The three organizations that led the project's activities were: (1) EPSCoR jurisdictions, (2) Campus Compact, a network of college and university presidents who focus on civic purposes of higher education, and (3) SENCER, Science Engagement for New Civic Engagements and Responsibilities - an organization that committed to connecting science learning to critical civic questions. Hawaii, Montana, Iowa, Oklahoma, West Virginia, Tennessee, Maine, and New Hampshire were the initial cohort of EPSCoR jurisdictions that participated in this activity.
- In FY 2013, a two-and-a-half day workshop on Bioinformatics was held in Little Rock, Arkansas. This workshop brought life and computational scientists together to address the need for cross-fertilization among different domains of bioinformatics. The workshop enabled effective collaborations among EPSCoR jurisdictions in bioinformatics research and education. The workshop also informed the participants of the interdisciplinary, computational and data- enabled science, cyberinfrastructure resources, and EPSCoR-related opportunities at NSF.
- In FY 2012, The Living on Earth III (LOE III) workshop addressed the need for effective integration of processes linking scientific knowledge and analytical approaches in social-ecological systems research. This workshop continued the work of the two previous workshops in building science and research capacity in sustainability science and coupled human-natural/socio-ecological systems science (SES) across EPSCoR jurisdictions and facilitated the formalization of a LOE-SES scientific network promoting cutting-edge and transformative science ideas. LOE III focused on conceptualizing SES science in the context of small, yet critical, ecosystems with challenging human dimensions.

Specific outcomes from the workshop were to: (1) formalize and structure a new LOE-SES EPSCoR scientific network building upon previous informal network approaches from LOE I and II, (2) generate thematic sub-network groups with specific aims and goals, and (3) develop a LOE-SES network toolkit for building within-EPSCoR jurisdictional capacity.

Please see the Performance chapter for details regarding the periodic reviews of programs and portfolios of programs by external Committees of Visitors and directorate Advisory Committees.

**EXPERIMENTAL PROGRAM TO STIMULATE  
COMPETITIVE RESEARCH (EPSCoR)**

**\$163,580,000**  
**+\$12,680,000 / 8.4%**

**EPSCoR Funding**  
(Dollars in Millions)

	FY 2012	FY 2012	FY 2014	Change Over	
	Actual	Enacted/ Annualized FY 2013 CR	Request	FY 2012 Enacted Amount	Percent
<b>Total, EPSCoR</b>	<b>\$150.85</b>	<b>\$150.90</b>	<b>\$163.58</b>	<b>\$12.68</b>	<b>8.40%</b>
Research Infrastructure Improvement (RII)	110.60	110.00	121.58	11.58	10.5%
Co-Funding	38.83	39.40	40.00	0.60	1.5%
Outreach and Workshops	1.43	1.50	2.00	0.50	33.3%

Totals may not add due to rounding.

EPSCoR assists NSF in its statutory function, provided by the NSF Act, "to strengthen research and education in science and engineering throughout the United States and to avoid undue concentration of such research and education." EPSCoR goals are: 1) to provide strategic programs and opportunities for EPSCoR participants that stimulate sustainable improvements in their R&D capacity competitiveness; and 2) to advance science and engineering capabilities in EPSCoR jurisdictions for discovery, innovation, and overall knowledge-based prosperity.

The FY 2014 Request of \$163.58 million will support three strategic investment tools: Research Infrastructure Improvement (RII) awards, co-funding, and outreach. RII awards support development of physical, human, and cyber-based research infrastructure in EPSCoR jurisdictions with an emphasis on collaborations among academic researchers, the private sector, and state and local governments to effect sustainable improvements in research infrastructure.

**FY 2014 Summary**

All funding decreases/increases represent change over the FY 2012 Enacted level.

**Research Infrastructure Improvement (RII)**

RII awards are designed to improve the research competitiveness of jurisdictions by strengthening their academic research infrastructure in areas of science and engineering supported by NSF and critical to the particular jurisdiction's science and technology initiative or plan. These areas are identified by the jurisdiction's EPSCoR governing committee as having the best potential to improve the jurisdiction's future research and development competitiveness. RII awards also enable broader regional and topical collaborations and enhance discovery, learning, and economic development of EPSCoR jurisdictions. The FY 2014 Request for this activity is \$121.58 million, an increase of \$11.58 million.

**Co-Funding**

EPSCoR co-invests (co-funds) with NSF directorates and offices meritorious proposals from individual investigators, groups, and centers in EPSCoR jurisdictions that are submitted to the Foundation's research and education programs and crosscutting initiatives. These proposals are merit reviewed in NSF disciplinary programs and recommended for award, and the combined, leveraged support of EPSCoR ensures that sufficient funding is provided. The FY 2014 Request for this activity is \$40.0 million, an increase of \$600,000.



**Outreach and Workshops**

EPSCoR Outreach and Workshop activities support workshops, conferences, and other community-based activities designed to explore opportunities in emerging areas of science and engineering and to share best practices in strategic planning, diversity, communication, cyberinfrastructure, evaluation, and other capacity-building areas of importance to EPSCoR jurisdictions. The FY 2014 Request for this activity is \$2.0 million, an increase of \$500,000.

**Number of People Involved in EPSCoR Activities**

	FY 2012	FY 2013	FY 2014
	Actual	Estimate	Estimate
	Estimate	Estimate	Estimate
Senior Researchers	314	400	400
Other Professionals	224	300	300
Postdoctorates	44	100	100
Graduate Students	390	500	500
Undergraduate Students	553	700	700
K-12 Teachers	4,753	5,000	5,400
K-12 Students	43,517	50,000	49,500
<b>Total Number of People</b>	<b>49,795</b>	<b>57,000</b>	<b>56,900</b>

**INTERNATIONAL SCIENCE AND ENGINEERING (ISE)**

**\$51,880,000**  
**+\$2,030,000 / 4.1%**

**International Science and Engineering Funding**

(Dollars in Millions)

	FY 2012		FY 2014 Request	Change Over FY 2012 Enacted	
	FY 2012 Actual	Enacted/ Annualized FY 2013 CR		FY 2012 Enacted Amount	Percent
	<b>Total, ISE</b>	<b>\$49.95</b>		<b>\$49.85</b>	<b>\$51.88</b>
Research	43.25	38.70	43.53	4.83	12.5%
Education	6.61	11.05	8.25	-2.80	-25.3%
Infrastructure	0.10	0.10	0.10	-	-

Totals may not add due to rounding.

The objectives of ISE programs are to support U.S. scientists, engineers, and students engaged in international research and education activities in all NSF-supported disciplines involving any region of the world. In FY 2014, ISE will emphasize support of internationally-focused activities that enhance and further integrate international engagement of research and education programs across NSF. This will be accomplished by co-funding with directorates and offices through NSF-wide activities such as Science Across Virtual Institutes (SAVI), the Global Venture Fund (GVF), INSPIRE, International Research Experiences for Undergraduates (iREU), and International Postdoctoral Support programs. In addition, the following ISE-managed programs will continue to enhance U.S. international research and education interests: Partnerships for International Research and Education (PIRE); East Asia and Pacific Summer Institutes for U.S. graduate students (EAPSI); and Catalyzing New International Collaborations (CNIC). ISE also contributes to U.S. participation in global organizations and manages overseas offices to facilitate U.S. research engagement, leveraging NSF funding with that of counterpart funding agencies. The FY 2014 Request of \$51.88 million is \$2.03 million over FY 2012 Enacted.

**FY 2014 Summary**

ISE support for international engagement involves linking research and education activities as an integral part of their educational experience. The level of emphasis between research and education varies by program.

ISE will use a variety of approaches to coordinate and collaborate across NSF, including program officer exchanges with NSF research divisions, joint review of solicitations and proposals, and interactions with an internal cross-directorate NSF International Coordinating Committee.

All funding decreases/increases represent the change over the FY 2012 Enacted level.

**Research**

- ISE will support international research interactions through two major mechanisms: co-funding of awards with programs managed by other NSF organizational units and direct funding of awards through programs managed by ISE.
- ISE works actively with NSF disciplinary programs to provide incentives for funding international components in new proposals and as supplements to existing grants. The specific allocation of funding resources among programs is dependent on proposal pressure from the community and NSF program initiative to encourage international engagements.

- Although NSF programs are encouraged to involve an international component, where appropriate, the following NSF programs are specifically designed to facilitate international research partnerships: Science Across Virtual Institutes (SAVI), Partnerships for International Research and Education (PIRE), Catalyzing New International Collaborations (CNIC), and Global Venture Fund (GVF).
- ISE will continue to provide support for U.S. participation in domestic and foreign organizations that facilitate international activities for U.S. researchers and educators.
- The FY 2014 Request for activities with a research emphasis is \$43.53 million, an increase of \$4.83 million.

### **Education**

- International interactions will be closely integrated into NSF's disciplinary and interdisciplinary programs to expose U.S. student to the mutual benefits of international research partnerships in their careers. Recent evaluations of ISE-managed programs have documented the long-term value of such program investments.
- In FY 2014, ISE will continue to manage several programs that support students and early career researchers engaging in international activities: East Asia and Pacific Summer Institutes (EAPSI) funded by ISE; Pan-American Advanced Studies Institutes (PASI) funded by NSF directorates; International Research Fellowships (IRFP) through ISE co-funding with directorate post doctorate programs; and International Research Experiences for Students with ISE funding. The FY 2014 Request for activities with an education emphasis is \$8.25 million.

### **Infrastructure**

- The FY 2014 Request for support of the Next-Generation National Nanotechnology Infrastructure Network (NG NNIN) at \$100,000, level with funding for the former NNIN program, which will reach its ten year award life at the end of FY 2013.

**Summary and Funding Profile**

ISE is placing increased emphasis on support for activities that augment and integrate the international engagement of research and education programs across NSF by using a co-funding model. In FY 2014, ISE direct management of awards and the resulting estimated award statistics will decrease as this data is reported by NSF directorate and offices that manage the individual awards.

**Number of People Involved in ISE**

	FY 2012 Actual Estimate	FY 2013 Estimate	FY 2014 Estimate
Senior Researchers	436	200	200
Other Professionals	56	20	20
Postdoctorates	102	20	20
Graduate Students	151	500	500
Undergraduate Students	60	300	300
<b>Total Number of People</b>	<b>805</b>	<b>1,040</b>	<b>1,040</b>

**ISE Funding Profile**

	FY 2012 Actual Estimate	FY 2012 Enacted/ Annualized FY 2013 CR Estimate <sup>1</sup>	FY 2014 Estimate
<b>Statistics for Competitive Awards:</b>			
Number of Proposals	952	1,270	800
Number of New Awards	334	410	255
Funding Rate	35%	32%	32%
<b>Statistics for Research Grants:</b>			
Number of Research Grant Proposals	686	940	750
Number of Research Grants	73	105	255
Funding Rate	11%	11%	34%
Median Annualized Award Size	\$50,000	\$70,000	\$10,000
Average Annualized Award Size	\$199,444	\$270,000	\$72,800
Average Award Duration, in years	1.9	2.4	0.5

PIRE competitions are held biennially. The next competition is planned for FY 2014.

<sup>1</sup> Award Estimates for FY 2013, such as numbers of awards and size/duration, are based upon the FY 2012 Enacted level.