

PROGRAM ACCOUNTS: R&RA and EHR

R&RA and EHR funding accounts for about a quarter of the total Model Organization portfolio. There are two activities that comprise Program-Funded Model Organization – Intergovernmental Personnel Act (IPA) costs and Program Related Administration.

Summary of R&RA and EHR-Funded Model Organization

(Dollars in Millions)

	FY 2011 Actual	FY 2012 Estimate	FY 2013 Request Change Over		
			FY 2013 Request	FY 2012 Estimate Amount	Percent
IPA Costs	\$42.70	\$44.51	\$42.05	-\$2.46	-5.5%
Program Related Administration	61.68	65.00	68.18	3.18	4.9%
<i>Program Related Technology</i>	<i>56.00</i>	<i>58.00</i>	<i>60.28</i>	<i>2.28</i>	<i>3.9%</i>
<i>Other Program Related Administration</i>	<i>5.68</i>	<i>7.00</i>	<i>7.90</i>	<i>0.90</i>	<i>12.9%</i>
Total, R&RA and EHR Funded Model Organization	\$104.38	\$109.51	\$110.23	\$0.72	0.7%

Totals may not add due to rounding.

IPA Costs

IPA Costs by Appropriation

(Dollars in Millions)

	FY 2011 Actual	FY 2012 Estimate	FY 2013 Request	FY 2013 Request Change Over	
				FY 2012 Estimate Amount	Percent
Number of IPAs	175	183	183	-	-
R&RA					
IPA Compensation	\$30.30	\$32.54	\$30.95	-\$1.59	-4.9%
IPA Lost Consultant & Per Diem	3.26	3.54	3.15	-0.39	-11.0%
IPA Travel	2.69	2.14	2.02	-0.12	-5.6%
Subtotal, R&RA Costs	36.25	38.22	36.12	-2.10	-5.5%
EHR					
IPA Compensation	5.36	5.36	4.96	-0.40	-7.5%
IPA Lost Consultant & Per Diem	0.75	0.75	0.74	-0.01	-1.3%
IPA Travel	0.34	0.18	0.23	0.05	27.8%
Subtotal, EHR Costs	6.45	6.29	5.93	-0.36	-5.7%
Total, IPA Costs	\$42.70	\$44.51	\$42.05	-\$2.46	-5.5%

Totals may not add due to rounding.

A portion of NSF's workforce consists of temporary employees hired through the authority provided by the Intergovernmental Personnel Act (IPA). IPAs remain employees of their home institution while serving alongside NSF employees during their temporary assignment. They are not paid directly by NSF and are not subject to federal pay and benefits limitations. NSF reimburses the home institution directly for salary and benefits using the traditional grant mechanism. IPAs are eligible to receive relocation

expenses or an allowance in lieu of an NSF-arranged household goods move, and reimbursement for a portion of income foregone because of their assignment at NSF (i.e., lost consulting fees).

The FY 2013 Request of \$42.05 million represents a decrease of \$2.46 million, or 5.5 percent, from the FY 2012 Estimate of \$44.51 million. FY 2013 funding for IPA compensation is \$35.91 million, a reduction of \$1.99 million from FY 2012. While NSF anticipates no change in the number of IPAs in FY 2013, current projections indicate lower per IPA costs.

FY 2013 funding for IPA travel is \$2.25 million, which represents a reduction of 3.0 percent over the FY 2012 Estimate. IPA travel cost decreases reflect implementation of Executive Order 13589, *Promoting Efficient Spending*. In FY 2013, IPA travel is reduced by 14 percent from FY 2010 IPA travel levels to reflect the agency’s travel efficiency reduction target. Savings will be achieved by improving IPA travel tracking, reporting and monitoring, and by potentially expanding the usage of efficiencies in place for NSF staff travel, such as the use of non-refundable airline tickets under certain conditions.

Program Related Administration

Program Related Administration (PRA) includes two categories of activities that support the Perform as a Model Organization Goal and that are directly funded from NSF’s program accounts.

- Program Related Technology
- Other Program Related Administration

Program Related Administration

(Dollars in Millions)

	FY 2011 Actual	FY 2012 Estimate	FY 2013 Request Change Over		
			FY 2013 Request	FY 2012 Estimate Amount	Percent
Program Related Technology	\$56.00	\$58.00	\$60.28	\$2.28	3.9%
Other Program Related Administration	5.68	7.00	7.90	0.90	12.9%
Total, Program Related Administration	\$61.68	\$65.00	\$68.18	\$3.18	4.9%

Totals may not add due to rounding.

Program Related Technology

Program Related Technology (PRT) activities that relate directly to NSF’s programmatic investments are funded through the Research and Related Activities (R&RA) and Education and Human Resources (EHR) accounts. NSF’s FY 2013 total information technology (IT) investment is \$82.28 million. A total of \$60.28 million, or 73 percent of the total cost, is funded by the R&RA and EHR appropriations as these investments relate directly to NSF’s programmatic activities. The remaining portion of the IT requirement is funded in AOAM.

FY 2013 Program Related Technology Investments

(Dollars in Millions)

	FY 2011 Actual	FY 2012 Estimate	FY 2013 Request	FY 2013 Request Change Over FY 2012 Estimate	
				FY 2012 Estimate Amount	Percent
PRT (R&RA and EHR)					
Mission-Support Applications Services	\$39.13	\$41.13	\$43.41	\$2.28	5.5%
Associated IT Operations and Infrastructure	13.91	13.91	13.91	-	-
Related Security and Privacy Services	2.96	2.96	2.96	-	-
Total, Program Related Technology	\$56.00	\$58.00	\$60.28	\$2.28	3.9%

Totals may not add due to rounding.

For FY 2013, NSF's information technology priorities for PRT include:

- Support the acquisition and implementation of iTRAK, the Foundation-wide strategic initiative to transition NSF from its disparate, aging financial management system to a fully integrated financial management solution; and
- Maintain mission-related applications and services and the operations, infrastructure, and security that support these applications at requisite service levels.

The FY 2013 Request of \$60.28 million for PRT represents an increase of \$2.28 million over the FY 2012 Estimate and will be used for the following activities and initiatives:

Mission-related Applications and Services (+\$2.28 million, to a total of \$43.41 million)

Investments in this category directly support NSF program activities: including pre-award planning and activities; the receipt, processing, and review of proposals; award decisions, documentation, and notification; funding awards; post-award oversight; dissemination of award results; and award close-out. Mission-related applications and services include investments such as Research.gov, eJacket, and FastLane.

- iTRAK is the Foundation-wide strategic initiative to transition NSF from its disparate, aging financial management system to a fully integrated financial management solution. In FY 2013, the total request for iTRAK increases to \$11.70 million from \$5.57 million in the FY 2012 Estimate. Consistent with the FY 2012 Estimate, 70 percent of the projected cost will be funded by PRT and 30 percent will be funded by AOAM. For FY 2013, the PRT portion of the iTRAK request is \$8.19 million, which is an increase of \$4.26 million over the FY 2012 Estimate funding amount of \$3.93 million.
- Legacy mission applications, including FastLane and eJacket, provide comprehensive services for NSF staff, applicants, and awardees to manage the grants life cycle. These legacy applications support NSF business processes, providing effective mission-support technology solutions for NSF's ongoing grants management needs. For FY 2013, the total request for Legacy Mission Applications is \$23.92 million. This reflects a \$1.72 million increase in Mission-related Applications and Services for activities necessary to prepare legacy mission applications, including FastLane and eJacket, for integration with iTRAK.

In order to fully support the \$4.26 million increase for iTRAK and the \$1.72 increase in funding legacy mission applications for activities to prepare these applications to integrate with iTRAK, \$3.70 million will be deferred from Research.gov in FY 2013.

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- Research.gov is a community driven solution, led by NSF, that gives the general public, the science, engineering, research, and education community, and Congressional staff easy access to key information and services in one location (www.research.gov). Research.gov also provides services to help NSF staff plan and manage their programs and portfolios of proposals and awards. For FY 2013, the Research.gov request is \$11.30 million, which represents a decrease of \$3.70 million from the FY 2012 Estimate. The impact of this decrease will be to defer new and modernized merit review tools (e.g. eJacket and FastLane) for program staff and reviewers.

Associated IT Operations and Infrastructure (no change, to a total of \$13.91 million)

Investments in this category provide basic maintenance and operations levels for ongoing operations. NSF's IT-enabled business infrastructure supports the operation of mission-essential IT applications and office automation activities, including its network and telecommunications requirements. This includes NSF's data centers, network, hosting, phone, email, and remote access services. Network services include NSF's primary network for NSF staff, external network for NSF visitors, and connection to Internet2 for scientific purposes. Additionally, this category includes NSF's call center and customer care services. NSF provides customer care support for internal users (NSF staff) and external users (the research community including institutions, principal investigators, panelists, and other NSF visitors) 14-hours per day, five days per week. The call center assists NSF's research community of institutions and principal investigators with functions such as preparing and submitting proposals, financial reports, and progress reports to NSF. A call center, desktop support, and a walk-in center offer technical assistance to NSF staff and visitors. In FY 2011, NSF serviced over 100,000 requests. Also included in this category are activities to continue to transition onsite operations to an offsite commercial data center facility and the cloud.

Related IT Security and Privacy Services (No change, to a total of \$2.96 million)

Investments in this category include automated configuration management tools that manage security patches and provide proactive protection from viruses, spyware, and other threats. Critical investments include network security, application security, security control testing and tools, automated vulnerability assessment tools, and remediation and intrusion detection services.

Other Program Related Administration (+\$900,000, to a total of \$7.90 million)

Other Program Related Administration includes funding for Foundation-wide activities such as major studies, evaluations, and NSF's costs associated with interagency E-Government activities. These activities include verification and validation of performance information; surveys of scientists, engineers, and educators who submit proposals for NSF awards; the Waterman Award which recognizes an outstanding young researcher in any field of science or engineering supported by NSF; some American Association for the Advancement of Science (AAAS) fellowship program and internships; and external evaluations of cross-foundational programs. The FY 2013 funding estimate, representing an increase of \$900,000 from the FY 2012 Estimate, is based on the level of Other PRA activities and projects anticipated in FY 2013 including additional activities that focus on evidence- and performance-based evaluation of NSF's programs. Potential activities may include developing a data collection mechanism for gathering information about broader impacts; surveys to provide a measurement baseline for the INSPIRE program; and/or surveys to collect data on the Foundation's merit review processes for use by NSF's Merit Review Working Group.