

EPSCoR Project Directors and Project Administrators Meeting

EPSCoR Update

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EPSCoR Head

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PD/PA Meeting Survey Results

The information provided prior to the meeting was presented in a timely fashion.

- FY14 – 73%
- FY13 – 76%
- FY12 – 68%

Suggestions for improvement:

- Presentation handouts
- Continue breakout sessions
- Fewer Directorate updates
- Concurrent sessions

The information presented in the meeting was useful.

- FY14 – 87%
- FY13 – 94%
- FY12 – 97%

Future topic suggestions:

- Nuts and bolts of annual reporting
- Project evaluation and Indicators of Success
- PA best practices



EPSCoR Funding

Activity	FY10	FY11	FY12	FY13	FY14
RII	100.2	106.2	110.6	116.3	132.2
Co-Funding	45.4	39.4	38.8	30.8	25.0
Outreach & Workshops	1.5	1.2	1.5	0.5	1.0
Total	147.1	146.8	150.9	147.6	158.2

FY15 Budget Request is \$159.69M



FY14 Co-Funding by Jurisdiction (\$M)

JD	Num	EPSCoR	NSF Tot	JD	Num	EPSCoR	NSF Tot
AK	2	0.03	0.08	KY	10	0.97	2.25
AL	14	2.52	5.77	LA	8	1.08	2.32
AR	4	0.64	1.39	ME	6	0.64	1.41
DE	3	0.46	1.60	MO	6	0.72	1.54
HI	7	1.20	3.23	MS	5	0.53	1.37
IA	9	1.63	8.56	MT	3	0.17	0.39
ID	5	0.79	2.10	ND	6	1.10	2.96
KS	5	0.81	2.08	NE	4	0.47	1.00



FY14 Co-Funding by Jurisdiction (\$M)

- continued -

JD	Num	EPSCoR	NSF Tot		JD	Num	EPSCoR	NSF Tot
NH	5	0.46	1.01		SD	3	0.48	1.14
NM	8	1.09	3.21		TN	11	1.30	3.04
NV	4	0.56	1.30		UT	12	1.41	2.93
OK	15	2.53	5.38		VT	3	0.71	1.67
PR	2	0.29	0.57		WV	3	0.23	0.46
RI	6	0.49	1.09		WY	4	0.60	1.37
SC	11	1.09	2.58		Tot	184	25.0	63.8

No co-funded actions for GU, VI in FY14



The EPSCoR Team



Jurisdictional Responsibilities

Chu	Coyne	Kennan	Levine	VanReken	Venkate'
AL	MT	DE	ID	KS	AK
HI	RI	GU	MS	KY	AR
IA	SC	LA	NH	ME	
MO	SD	UT	NM	NE	
PR	VT	VI	NV	ND	
TN	WV		WY	OK	Co-fund Outreach
T-2	WO	T-1 RSV	T-3 Eval.	T-1 T-2	T-3 COV



Mission

NSF - “To promote the progress of science; to advance the national health, prosperity, and welfare; to secure the national defense, while avoiding the undue concentration of research and education”



IIA – “To lead and coordinate strategic programs and opportunities that: advance research excellence and innovation; develop human and infrastructure capacity critical to the U.S. science and engineering enterprise; and promote global engagement of scientists and engineers at all career stages.”



EPSCoR – “To assist the NSF in its statutory function to strengthen research and education in order to achieve sustainable increases in research, U.S. education, and training capacity and competitiveness that will enable EPSCoR jurisdictions to have increased engagement in areas supported by the NSF.”



Former EPSCoR Goals

- To provide strategic programs and opportunities for EPSCoR participants that stimulate sustainable improvements in their R&D capacity and competitiveness
- To advance science and engineering capabilities in EPSCoR jurisdictions for discovery, innovation and overall knowledge-based prosperity



Revised EPSCoR Goals

- To catalyze the development of research capabilities and the creation of new knowledge that expands jurisdictions' contributions to scientific discovery, innovation, learning, and knowledge-based prosperity
- To establish sustainable STEM education, training, and professional development pathways that advance jurisdiction-identified research areas and workforce development
- To broaden direct participation of diverse individuals, institutions, and organizations in the project's science and engineering research and education initiatives
- To effect sustainable engagement of project participants and partners, the jurisdiction, the national research community, and the general public through data-sharing, communication, outreach, and dissemination
- To impact research, education, and economic development beyond the project at academic, government, and private sector levels.



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STPI Study of NSF EPSCoR

Study Objective:

The objective of this evaluation is to perform an in-depth, life-of-program assessment of EPSCoR activities and of the outputs and outcomes of these activities. Based on this assessment, STPI was also asked to provide recommendations that would better target funding to those jurisdictions for which the EPSCoR investment could result in the largest incremental benefit to their research capacity.



STPI Update

- Expected release December, 2014
- EPSCoR support contributed to:
 - Numerous Centers, Facilities, and large awards
 - Institutional policy changes
 - Sustainable faculty hiring and retention
 - Economic development
 - Building and strengthening research infrastructure
 - Engaging education, outreach, and diversity



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EPSCoR Eligibility

Eligibility Criteria Year	Admission Criteria	Admitted	Eligible Today Under Admission Criteria	Criterion Graduation Rate
1980	1M\$ All NSF (0.1% R&RA)	Arkansas Maine Montana South Carolina West Virginia	None	100%
1985 (1985, 1987 cohorts)	3M\$ All NSF (0.2% R&RA)	Alabama Kentucky Nevada North Dakota Oklahoma Puerto Rico Vermont Wyoming Idaho Louisiana Mississippi South Dakota	North Dakota Puerto Rico Vermont	75%



EPSCoR Eligibility, cont'd

Eligibility Criteria Year	Admission Criteria	Admitted	Eligible Today Under Admission Criteria	Criterion Graduation Rate
1992 (1992, 2000, 2001 cohorts)	0.5% All NSF	Kansas Nebraska Alaska Hawaii New Mexico	Kansas Nebraska Alaska	40%
2002	0.7% R&RA	Virgin Islands	Virgin Islands	0%
2003 (2003, 2004, 2009, 2012 cohorts)	0.75% R&RA	Delaware New Hampshire Rhode Island Tennessee Iowa Utah Guam Missouri	Delaware New Hampshire Rhode Island Guam Missouri	37.5%



STPI Eligibility Recommendations

- NSF should develop an explicit definition of “undue concentration” (including whether it applies to NSF or total Federal research funding), the implementation of which might require legislative action.
- NSF should ensure that the EPSCoR program design, funding levels, and eligibility indicators(s) reflect the new explicit definition of “undue concentration” which might require legislative action.



STPI Additional Recommendations

- The EPSCoR program should continue to encourage jurisdictions to employ experimental strategies for improving their research capacity and performance.
- EPSCoR should make technical improvements to its eligibility calculations.
- EPSCoR/OIIA should work with NCSES to create easily usable public profiles of EPSCoR jurisdictions.



STPI Additional Recommendations

- EPSCoR Section should focus future program level evaluation(s) on the research competitiveness goal and not on improvement(s) in S&E research base within jurisdictions.



Thank You



Backup



NSF Organization

