EPSCoR Project Directors and Project Administrators Meeting

Partnerships to Advance Excellence in Research and Education

Denise M. Barnes
EPSCoR Head
May 19-20, 2014
NSF Organization

Office of the Inspector General

Biological Sciences (BIO)

Geosciences (GEO)

Computer & Information S&E (CISE)

Mathematical & Physical Sciences (MPS)

Social, Behavioral & Economic Sci (SBE)

National Science Board (NSB)

Director Deputy Director

Budget, Finance & Award Management (BFA)

Information & Resource Management (IRM)

Engineering (ENG)

Education & Human Resources (EHR)

Directorate Division Program

Office of Diversity & Inclusion

Office of the General Council

Office of Legislative & Public Affairs

Office of International & Integrative Activities

Int’l Sci & Eng

EPSCoR

Integrative Activities
IIA Organization

Office of International and Integrative Activities (IIA)

Integrative Activities (IA)

International Science and Engineering (ISE)

Experimental Program to Stimulate Competitive Research (EPSCoR)

IIA Office divided into 3 sections
## Jurisdictional Responsibilities

<table>
<thead>
<tr>
<th>Sean Kennan</th>
<th>Kelvin Chu</th>
<th>Sian Mooney</th>
<th>Audrey Levine</th>
<th>Uma Venkats’n</th>
</tr>
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<tbody>
<tr>
<td>Delaware</td>
<td>Alabama</td>
<td>Kentucky</td>
<td>Idaho</td>
<td>Alaska</td>
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<tr>
<td>Guam</td>
<td>Hawaii</td>
<td>Maine</td>
<td>Mississippi</td>
<td>Arkansas</td>
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<td>Kansas</td>
<td>Iowa</td>
<td>Montana</td>
<td>New Hampshire</td>
<td>Nevada</td>
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<td>Louisiana</td>
<td>Missouri</td>
<td>Nebraska</td>
<td>New Mexico</td>
<td>Co-funding</td>
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<td>S. Carolina</td>
<td>Puerto Rico</td>
<td>N. Dakota</td>
<td>Rhode Island</td>
<td>Outreach</td>
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<td>Utah</td>
<td>Tennessee</td>
<td>Oklahoma</td>
<td>S. Dakota</td>
<td>Nat’l Conf.</td>
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<tr>
<td>Virgin Islands</td>
<td>W. Virginia</td>
<td>Vermont</td>
<td>Wyoming</td>
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EPSCoR FY14 Calendar of Events

October – November
- Track-1 Merit Review
- National Conference

April – June
- Annual/Final reports
- RSV preparation
- PD/PA Meeting
- FY 2015 Track-1 solicitation

January – March
- NSF Budget Rollout
- Directors Review Board

July – September
- Annual/Final reports
- RSVs
- RII Track-1 proposals due
EPSCoR FY14 Target Dates

• Awards
  - RII Track-1: Award target: June
  - RII Track-2: Award target: August
  - RII Track-3: December - February

• PD/PA Meeting: May 19-20 (3rd Mon, Tue of May)

• RSVs
  - Sep. 15-16: Idaho, Oklahoma
  - Sep. 17-18: Delaware, New Hampshire, Vermont
  - Sep. 22-23: Iowa, Nevada, New Mexico
FY 14 RII Track-3 Awards

• J. Monahan (AK), Engaging underserved students in environmental research through unmanned aerial vehicles
  – Targets low-income, rural Alaskan natives at the high school level

• M. Khonsari (LA), Promoting STEM through project-driven camps, workshops and competitions
  – Provides professional development for high school teachers and engagement for URM students

• M. Srivatsan (AR), Broadening STEM participation by creating an undergrad-doctoral bridge program in bio-sciences
  – Engages females and AA in rural areas

• A. Landers (AL), Training teachers to encourage students in science fair projects
  – Engages URM at “high need” schools

• M. Galindo (ID) Creating interdisciplinary courses combining western science with culturally relevant examples
  - Targets Native Americans
<table>
<thead>
<tr>
<th>Activity</th>
<th>FY09</th>
<th>FY10</th>
<th>FY11</th>
<th>FY12</th>
<th>FY13</th>
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<tbody>
<tr>
<td>RII</td>
<td>91.3</td>
<td>100.2</td>
<td>106.2</td>
<td>110.6</td>
<td>116.3</td>
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<tr>
<td>Co-Funding</td>
<td>41.1</td>
<td>45.4</td>
<td>39.4</td>
<td>38.8</td>
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<td>Outreach &amp; Workshops</td>
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<td>1.2</td>
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<td>147.1</td>
<td>146.8</td>
<td>150.9</td>
<td>147.6</td>
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<td>JD</td>
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<td>EPSCoR</td>
<td>NSF Tot</td>
<td>JD</td>
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<tr>
<td>AK</td>
<td>4</td>
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<td>1.56</td>
<td>KY</td>
<td>6</td>
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<tr>
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<td>1.85</td>
<td>4.28</td>
<td>LA</td>
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<tr>
<td>AR</td>
<td>7</td>
<td>1.02</td>
<td>2.26</td>
<td>ME</td>
<td>4</td>
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<td>1.06</td>
<td>NE</td>
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Guam did not receive any EPSCoR co-funding in FY13.
Virgin Islands did not receive any EPSCoR co-funding in FY13.
NSF Research Support Funding

<table>
<thead>
<tr>
<th>Jurisdictional Cohort Year of Entry into EPSCoR</th>
<th>Initial 3 Years in EPSCoR</th>
<th>Most Recent 3 Year Period</th>
</tr>
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<tbody>
<tr>
<td>1980</td>
<td>0.2%</td>
<td>0.3%</td>
</tr>
<tr>
<td>1985</td>
<td>0.2%</td>
<td>0.3%</td>
</tr>
<tr>
<td>1987</td>
<td>0.2%</td>
<td>0.3%</td>
</tr>
<tr>
<td>1992</td>
<td>0.3%</td>
<td>0.5%</td>
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<tr>
<td>2000+</td>
<td>0.6%</td>
<td>0.7%</td>
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</table>

Eligibility Threshold: 0.75%
EPSCoR PIs are more successful than those not involved in EPSCoR

Comparison of Proposal Success Rates of EPSCoR Participants vs. Non-EPSCoR NSF PIs (FY08 - FY12)

EPSCoR PIs are more successful than those not involved in EPSCoR.
Proposal Success Rates by Cohort

1980 Cohort
- FY04: 20.1%
- FY13: 19.8%

1985 Cohort
- FY04: 19.6%
- FY13: 14.6%

Submitted Awarded
Proposal Success Rates by Cohort

1987 Cohort:
- FY04: 18.5%
- FY13: 17.1%

1992 Cohort:
- FY04: 19.4%
- FY13: 17.8%

Submitted Awarded
Proposal Success Rates by Cohort

- **2000+ Cohort**: 23.6% Submitted, 22.4% Awarded

<table>
<thead>
<tr>
<th>Year</th>
<th>Submitted</th>
<th>Awarded</th>
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<tbody>
<tr>
<td>FY04</td>
<td>23.6%</td>
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<tr>
<td>FY13</td>
<td>22.4%</td>
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Other Updates

• Nominations to National Science Board

• Dissemination to EPSCoR Community
  ➢ EICC events
  ➢ Webinars
  ➢ XSEDE Opportunities
  ➢ BP, Gender Summit
  ➢ Policies, solicitations, procedures

• Developing NSF EPSCoR Strategic Plan
  ➢ Crisper goals and objectives

• RII Track-2
  ➢ Being Revised
  ➢ Inter-jurisdiction collaboration will be retained
EPSCoR Branding

• Response to *EPSCoR 2030*
  - Research Impacts – quality of life
  - STEM Education Impacts
  - Economic Development
• Strongly encouraged to complete other messages
• Continue to provided resources
• Clear, concise communication of results is one priority of NSF Senior Leaders
• Piloting Tier II sessions – emphasis is delivery
  - Iowa: July
  - Mississippi: September
Thank You