NSF INCLUDES

Jim Lewis, EHR
The NSF INCLUDES approach

- Bring together dedicated partners
- Find approaches that work
- Leverage change so that everyone has opportunities in STEM
What is NSF INCLUDES?

**Vision**

Educate a diverse “STEM capable” workforce from all populations;

**Research and Evaluation**

Provide knowledge that contributes to strategies for diversity and inclusion; and

**Strategy**

Form the foundation for the NSF INCLUDES National Network;

**Guiding Principle**

Enable sustainable and scalable changes in systems.
### Characteristics of Successful Launch Pilots

<table>
<thead>
<tr>
<th>Category</th>
<th>Characteristics</th>
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<tbody>
<tr>
<td>Vision</td>
<td>• Engage the community in a shared vision;</td>
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<td>Partnership</td>
<td>• Provide a platform for collaborative action;</td>
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<td>Goals and metrics</td>
<td>• Allow for evidence-based decision making;</td>
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<td>Leadership and communication</td>
<td>• Increase communication and visibility;</td>
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<tr>
<td>Potential for expansion, impact and scale</td>
<td>• And establish the capacity for expansion, sustainability and scale.</td>
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Three Essential Components of NSF INCLUDES:
a multi-stage, multi-year initiative

- **Design and Development Launch Pilots**
- **Alliances**
- **Backbone Organization**
NSF INCLUDES Moving Forward

- 40 Launch Pilots and 13 conference grants funded
- 243 Preliminary Proposals received by February 2017
  - 113 Invited to submit Full Proposals by May 16th
  - New cohort of Launch Pilots to be funded in FY 2017
- **Dear Colleague Letter** – Coming soon. An opportunity for “on-ramps” that link NSF’s Broadening Participation portfolio to Launch Pilots
Portfolio Analysis

Total does not equal 40 because some proposals selected multiple categories.
Institutions with BP Focused Awards and NSF INCLUDES Awardees

Institutional Participation in INCLUDES and Broadening Participation Focused Programs

Legend
- INCLUDES Lead Institutions
- Number of BP Focused Awards:
  - 1 - 5
  - 6 - 10
  - 11 - 15
<table>
<thead>
<tr>
<th>Sample NSF INCLUDES Launch Pilots</th>
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<tbody>
<tr>
<td><strong>We The People</strong> Math Literacy for All</td>
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<tr>
<td>- The Algebra Project</td>
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<tr>
<td><strong>SMART INCLUDES</strong></td>
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<tr>
<td>- The University of Maine</td>
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<tr>
<td><strong>SF CALL: Computing for All Learners and Levels</strong></td>
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<tr>
<td>- San Francisco State University</td>
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<td><strong>APLU INCLUDES</strong> Diversifying STEM Faculty</td>
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<tr>
<td>- Association for Public and Land-Grant Universities</td>
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</table>
NSF INCLUDES videos

See:  http://includes2017.videohall.com/presentations
Timeline for FY 2017

- **Backbone**
  - Solicitation released by the end of FY2017
  - National backbone expected in FY2018

- **Alliances**
  - Solicitation released by the end of FY2017
  - First cohort of Alliances expected in FY2018

- **On-ramping activities**
  - Common training for those interested in NSF INCLUDES
  - Engaging large centers
Challenges going forward

- Keeping Launch Pilots engaged
- Linking Broadening Participation portfolio to NSF INCLUDES
- Measuring success