



# **NSF EPSCoR Regional Outreach: Research Centers Programs**

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# NSF Mission

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*“To promote the progress of science; to advance the national health, prosperity, and welfare; to secure the national defense...”*



EPSCoR enhances the research competitiveness of targeted jurisdictions by strengthening STEM capacity & capability.

*--- from 2017 OIA Retreat*

# EPSCoR Program Goals *(from 2014 Strategic Plan)*

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- 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;
- Establish sustainable STEM education, training, and professional development pathways that advance jurisdiction-identified research areas and workforce development;
- Broaden direct participation of diverse individuals, institutions, and organizations in the project's science and engineering research and education initiatives;
- 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;
- Impact research, education, and economic development beyond the project at academic, government, and private sector levels.



## EPSCoR Jurisdictions will be

### 1. Home to Expanded Networked Communities:

- Link government, industry and private sector organizations within and across EPSCoR jurisdictions; focus on innovation, entrepreneurship, and commercialization to achieve long-term economic impact and sustainability.

### 2. Models for Diversity and Inclusion:

- Better utilize the full spectrum of diversity within EPSCoR jurisdictions so that they can reach their full potential; networked communities will be more effective when they proactively include all the intellectual potential available within jurisdiction.

### 3. Testbeds for Big Data-Capable Cyberinfrastructure

- Enable fully connected networked communities and exploit emerging opportunities in Big Data and Data Science across STEM disciplines.



- The Research Infrastructure Improvement Programs, Tracks 1 through 4, collectively have the potential to transform jurisdictional research, education, and economic development.
- All Track-1 projects have a sustainability plan.
  - Centers can be part of that plan.
- RII Track-1 funded researchers are in a unique position to capitalize on their EPSCoR investments and leverage funding to advance their jurisdictions' S&T enterprise through NSF Centers.

# Meeting Goals

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- Bring together a diverse array of researchers from EPSCoR jurisdictions
- Educate and inform about NSF Centers:
  - Science and Technology Centers
  - Engineering Resource Centers
  - Materials Research Science and Engineering Centers
  - Industry-University Cooperative Research Centers
  - Physics Frontiers Centers
- Provide first-hand experience from Centers Directors
- Answer all of your questions
- **More Centers proposals from EPSCoR jurisdictions**

# Contact Info

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**Thank-you**