

EPSCoR/IDeA Foundation
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A SOUND INVESTMENT IN
THE NATION'S FUTURE.

EPSCoR/IDeA *foundation*

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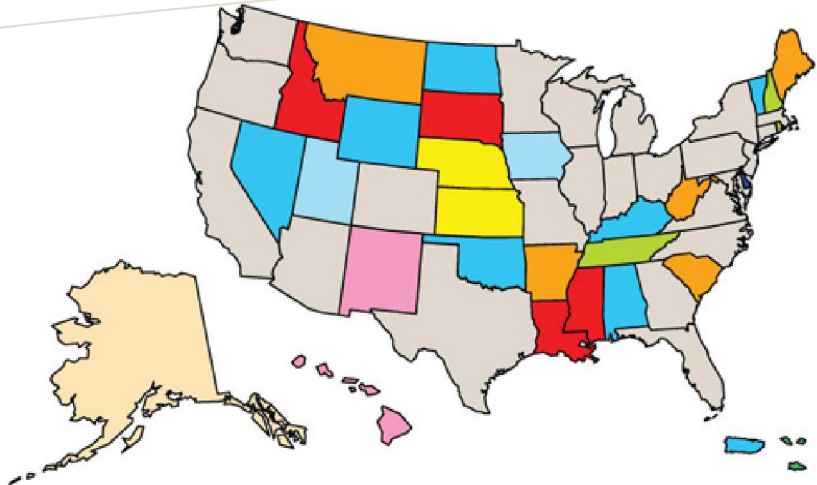
The Experimental Program to Stimulate Competitive Research (EPSCoR) and the Institutional Development Award (IDeA) program have become the centerpieces of the federal government's efforts to ensure that all states and regions benefit from its science and engineering (S&E) research and education activities. Our nation's ability to generate a well-trained workforce that will excel in the highly competitive global markets of the Twenty First Century requires a robust level of S&E investment in all US states' research universities and colleges.

EPSCoR/IDeA builds S&E capacity in 28 states and three territories; more than 70 universities and colleges and their research faculty are funded by these programs. Faculty and students at dozens of four-year colleges also participate. This is important to our nation because of the collective size of the EPSCoR/IDeA "community" which produces more than one-

fifth of US higher education S&E degrees. EPSCoR and IDeA funds expand and improve the research capacity of scientists and engineers by increasing their competitiveness in federal and non-federal research programs. EPSCoR/IDeA funding strengthens graduate and undergraduate S&E education, builds states' technical workforces, foster innovation, and contributes to the states' and nation's economies.

The nation cannot afford to neglect any part of the country's research community. Nearly one-fifth of US "high tech" business establishments are located in EPSCoR/IDeA states. These firms look to their state and local higher education institutions to prepare their workforces and to provide S&E expertise to their innovative endeavors.

Today EPSCoR and IDeA exist in six federal agencies; the National Institutes of Health; the National Science Foundation; NASA; and the Departments of Agriculture and Energy.



Building Research Excellence

EPSCoR/IDeA enables the citizenry in all parts of the country to benefit from a strong scientific and technological enterprise. By increasing the quality of academic research capabilities within the EPSCoR/IDeA jurisdictions, the federal program ensures that the S&T expertise that resides in all states and regions contributes to U.S. world leadership in science and technology. EPSCoR/IDeA seeks to build local, state, and national support for stronger science and technology research and education, prepare a diverse and highly-competent technical workforce, and expand economic opportunity and create jobs through improved education and technology transfer.



EPSCoR and IDeA are federal-state-institutional partnerships that enhance the science and engineering research and educational expertise of 28 states and three US territories that comprise one-fifth of the US population, and whose universities and colleges train one-fifth of US S&E degree.

Researchers supported by EPSCoR and IDeA have been highly successful in moving on to funding in other federal and non-federal research programs.

A Federal-State Partnership to Build Research Capacity Across the Nation.



Scope of EIF

EIF operates in the states/territories of: Alabama; Alaska; Arkansas; Delaware; Hawaii; Idaho; Iowa; Kansas; Kentucky; Louisiana; Maine; Mississippi; Missouri; Montana; Nebraska; Nevada; New Hampshire; New Mexico; North Dakota; Oklahoma; Rhode Island; South Carolina; South Dakota; Tennessee; Utah; Vermont; West Virginia; and Wyoming, and the Commonwealth of Puerto Rico; Guam; and the U.S. Virgin Islands. The set of eligible jurisdictions may vary among agencies.

In each EPSCoR/IDeA jurisdiction, a statewide committee guides the programs. Senior university officials, representatives from state legislatures and governor's offices, and representatives from the private sector usually make up these state committees.

The committees lead new policies and infrastructure development, generate high levels of collaboration, keep EPSCoR/IDeA responsive to state and regional needs, and cultivate broad-based support for science and technology within the jurisdictions.

The high caliber of these committees encourages each state to allocate the resources necessary for their EPSCoR/IDeA projects to succeed.

Importance of the EPSCoR/IDeA Foundation

Science and Technology cannot be limited to just a few states. Through EPSCoR/IDeA, participating states and territories are building a high-quality, university-based research infrastructure, a backbone to these states' scientific and technological enterprises, and a strong and stable economic base.

EPSCoR/IDeA universities, their faculty, and students are leading the way in the 21st century.

These researchers are needed for the nation to meet its most pressing priorities in health, cyberinfrastructure, and homeland security. A broad science and technology base is especially important in an era when different regions have unique issues involving resources, health, security, and the environment. Scientific and technological research cannot be limited to a few states if the nation is to maintain world leadership and reach its full potential. Along with

stimulating competitive research and promoting excellence in education, EPSCoR/IDeA improves access to high-quality education and cutting-edge research, expands economic opportunity, creates jobs, and improves the quality of life across the nation.

Summary of EPSCoR/IDeA Programs, by Agency

Agency	Date Enacted (FY)	FY 12 Enacted Budget (\$ in millions)	Types of Support/Award Mechanisms
NSF / EPSCoR	1979	\$150.9	<ul style="list-style-type: none"> ◆ Research Infrastructure Improvement Awards ◆ Co-Funding
DoE / DoE EPSCoR	1991	\$8.52	<ul style="list-style-type: none"> ◆ Implementation Grants ◆ Laboratory-State Partnership Awards
USDA / USDA EPSCoR	1991	\$26.4	<ul style="list-style-type: none"> ◆ Research Career Enhancement Awards ◆ Equipment Grants ◆ Seed Grants ◆ Strengthening Standard Research Project Awards
NASA / NASA EPSCoR	1993	\$18.0	<ul style="list-style-type: none"> ◆ Research Implementation Awards ◆ Research Infrastructure Development Awards
NIH / NIH IDeA	1993	\$276.480	<ul style="list-style-type: none"> ◆ Centers of Biomedical Research Excellence (COBRE) ◆ Networks of Biomedical Research Excellence (INBRE) ◆ Co-Funding