

Impacts of EPSCoR Funding in Wyoming

Science and Engineering

- Using EPSCoR funding in Wyoming, three core research facilities were established or enhanced that will help provide support for numerous ongoing research projects.
 - *Nucleic Acids Exploration Facility, NAEF* – provides low-cost, high throughput sequencing and genotyping for ecologists and other scientists as well as training for graduate students and teachers.
 - *Stable Isotope Facility, SIF* – provides quality isotopic analyses for the research community.
 - *Wyoming Geographic Information Sciences Center, WyGISC* – an interdisciplinary research institute focused on the development of geospatial information and technologies and their applications in science, education, government and business.
- EPSCoR funding along with state matching have been used to create the Program in Ecology, PiE, at the University of Wyoming. This new and successful doctoral program currently has 47 PhD students enrolled with 38 faculty on campus participating all working on ecology research.



Energy

- EPSCoR funding has helped provide support for the Center for Photo Conversion and Catalysis, whose goal is to find ways to improve efficiency in energy productions and use. Research focuses include conversion of sunlight to stored energy such as hydrogen from water, fuel cell technology advancement, etc.

Workforce Development

- Through EPSCoR's funding, the University of Wyoming is using programs like the Program in Ecology to increase the number of highly trained M.S. and Ph.D. graduates in Math, Science, and Engineering in the state of Wyoming.



- Annually, EPSCoR funding in Wyoming supports 80 undergraduate students working on research, 7 community college faculty members who mentor community college students, and 22 first generation and/or minority high school students.

EPSCoR works with other entities in the state, such as INBRE and NASA, to collaborate on

Wyoming EPSCoR		
	NSF EPSCoR	EPSCoR portion of NSF Co-Funding
2009	437,000	0
2008		
2007		
2006		
2007		
Total	9,067,626.00	10,147,060.00
NSF EPSCoR funding calculated per year based on the total award divided by the number of months		

enhancing research opportunities for students K-12 to help prepare a workforce that is engaged in science and math.