



# Nevada System of Higher Education System Sponsored Programs Office

The Nevada System of Higher Education System Sponsored Programs Office (NSHE) provides infrastructure support to Federal and State programs advancing the development of Science, Technology, Engineering & Mathematics (STEM) in Nevada.

## SPONSORED PROGRAMS



**The Experimental Program to Stimulate Competitive Research (EPSCoR)** was created to fund national areas that have historically received less financial support through research and development (R&D) funding. Funded through the National Science Foundation (NSF), NASA and the Department of Energy (DOE). The goal of EPSCoR is to create strategic partnerships between Federal and State agencies, higher education institutions and private industries to create long-term improvements in scientific research infrastructures, R&D capacity and national competitiveness.

**Nevada Infrastructure for Climate Change Science, Education and Outreach** is a five-year award to fund science, education, and outreach infrastructure at UNR, UNLV, DRI, NSC, and NSHE's community colleges for the study of climate change and its effects on Nevada. Visit: <http://epscorspo.nevada.edu/nsf/climate1/>

**Cyberinfrastructure Development for the Western Consortium of Idaho, Nevada, and New Mexico** is a three-year award to promote the efforts of the tri-state consortium of Nevada, New Mexico and Idaho to advance computing capabilities and enhance cyber interconnection at its higher education institutions with a goal to transform climate change research. Visit: <http://epscorspo.nevada.edu/nsf/tricyber2/>

**Cyber Connectivity Within the Nevada System of Higher Education** is a two-year program to support the enhancement of cyber connectivity among educational institutions across the state of Nevada. Visit: <http://epscorspo.nevada.edu/nsf/cyberc2/>

**The Nevada NASA EPSCoR Program** started in 1999 to fund research capabilities in the aerospace industry and related research fields through institutions of higher learning. Currently three programs exist: Exploring Planetary Surfaces: Earth, Moon and Mars, Nevada Astrophysics and Building Research and Educational Capacity for Satellite Remote Sensing of Aerosols and their Radiative and Climate Change Impacts. Visit: <http://epscorspo.nevada.edu/nasa>

**DOE EPSCoR** is a federal-state partnership program designed to help the Department of Energy meet the nation's energy needs through increased competition in energy-related research. Past project collaborators include the University of Nevada, Las Vegas, the Harry Reid Center for Environmental Studies, the Desert Research Institute, and the University of Nevada, Reno. Visit: <http://epscorspo.nevada.edu/epscor/department-of-energy>

### NASA Space Grant Consortium

works to expand opportunities for U.S. citizens to understand and participate in NASA's aeronautics and space programs. Through NvSGC, NSHE promotes public outreach and K-12 education activities at local schools, museums and planetariums. NvSGC targets hands-on workforce training and research in the strategic areas of astrobiology, astrophysics, planetary geology, geophysics, and engineering. Visit: <http://epscorspo/nevada.edu/nshe-programs/nevada-nasa-space-grant-consortium/>



### The College Access Challenge Grant Program

was created to dramatically increase the percent of new college entrants, particularly for under-represented students (low-income, first generation, students of color) in the state. Nevada CACG will focus its activities on four goals:

1. Create a college-going culture in Nevada through a strategic statewide media campaign titled "GotoCollegeNevada.org"
2. Increase College Knowledge
3. Increase College and Career Readiness in Nevada High Schools
4. Pilot or Expand Accelerated Associate Degree Programs.

Visit: <http://www.gotocollegenevada.org>



**Nevada Gear Up**, Gaining Early Awareness and Readiness for Undergraduate Program (GEAR UP) is designed to increase the number of low-income students who are prepared to enter and succeed in post-secondary education. GEAR UP provides six-year grant to states and partnerships to provide services at high poverty middle and high schools. Visit: <http://epscorspo.nevada.edu/nshe-programs/gearup>



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