

Inclusion & Diversity

Workshop

Selena Connealy, New Mexico EPSCoR

Mon, 11/06/2017 - 10:30 am

This interactive session will highlight programs from three different jurisdictions - Guam, Arkansas, and New Mexico - and explore best practices to broaden participation by minority groups in STEM. Attendees will have the opportunity to contribute to the conversation and will leave with resources and tools.

Summary of Workshop:

Arkansas and New Mexico EPSCoR discussed programs implemented for URE:

- 1) Summer Research Institute (Arkansas, Jennifer Shelton): Provides professional development in an informal support network for Arkansas' largely diverse student population through a 4-day camp featuring structured classes. Topics range from interviewing skills to interaction with STEM equipment. This program saw a ~50% increase in student retention. For future improvement, new recruitment strategies include external contact through social media, campus faculty, student organizations, past participants, and organizations such as LSAMP, UAMS Diversity Office, APLU, and McNair. Retention strategies include transportation stipends, refundable registration fees, and signed certificate of completion. Further information: Arkepscor.org
- 2) STEM Advancement Program (New Mexico, Chelsea Chee): A summer program that aims to communicate research, support workforce development, and to increase diversity in STEM, specifically sustainable energy. Students receive mentorship (NM Mentor Plan, nmepsco.org) by trained faculty and graduate students (training aided by National Alliance for Partnership in Equity).

Research and Resources

Google drive for breakout session discussions: <https://tinyurl.com/ya6y6tk7>

Book: "Undergraduate Research experience for STEM Students: successes, challenges and opportunities"
