

STEM ADVANCEMENT PROGRAM

The STEM Advancement Program (STEMAP) engages students from New Mexico regional universities, community colleges and tribal colleges in the research funded by NM EPSCoR. STEMAP gives undergraduates from these non-research universities the opportunity to work in the labs of NM EPSCoR researchers, an opportunity these students may not otherwise have access to. The nine-week commitment involves one week of training and eight weeks of research, followed by a final conference at which the students present their research. In return, the students receive a stipend, housing and food allowances, and 3 hours of independent study credits from NMT. Students also receive support during the academic year with additional opportunities to build skills in STEM research and communication.

On June 2, 2014, eleven undergraduates from seven New Mexico Primarily Undergraduate Institutions (PUIs) reported to NMT to begin their STEMAP participation. The program ended July 30, 2014 with student presentations to 50+ researchers, faculty, friends, family, and NM EPSCoR staff at the Sevilleta National Wildlife Refuge. Three STEMAP students, Tim Torres, Aysha McClory and Saul Ruiz, accepted invitations to present their research at the 2014 SACNAS Conference, and several participants are now pursuing STEM degrees. Testimonials of the 2014 STEMAP students can be seen on the [NM EPSCoR YouTube Channel](#).



1) STEMAP 2014 participants and leaders; 2) Devon Bruce and Claudia Petr in the lab studying conversion of CO₂ to solar fuels