

ENERGIZE NEW MEXICO OVERVIEW

Year 3 Annual Report

ABOUT NEW MEXICO EPSCoR



NM EPSCoR invests in critical facilities, faculty, students, and equipment that allow for long-term impacts on STEM programs and education in the state.



Partnerships help develop a strong culture of innovation, and funding works to build new interdisciplinary and inter-institutional collaborations.



EPSCoR programs increase the size and diversity of the STEM workforce through engagement and research opportunities for primarily undergraduate institutions.



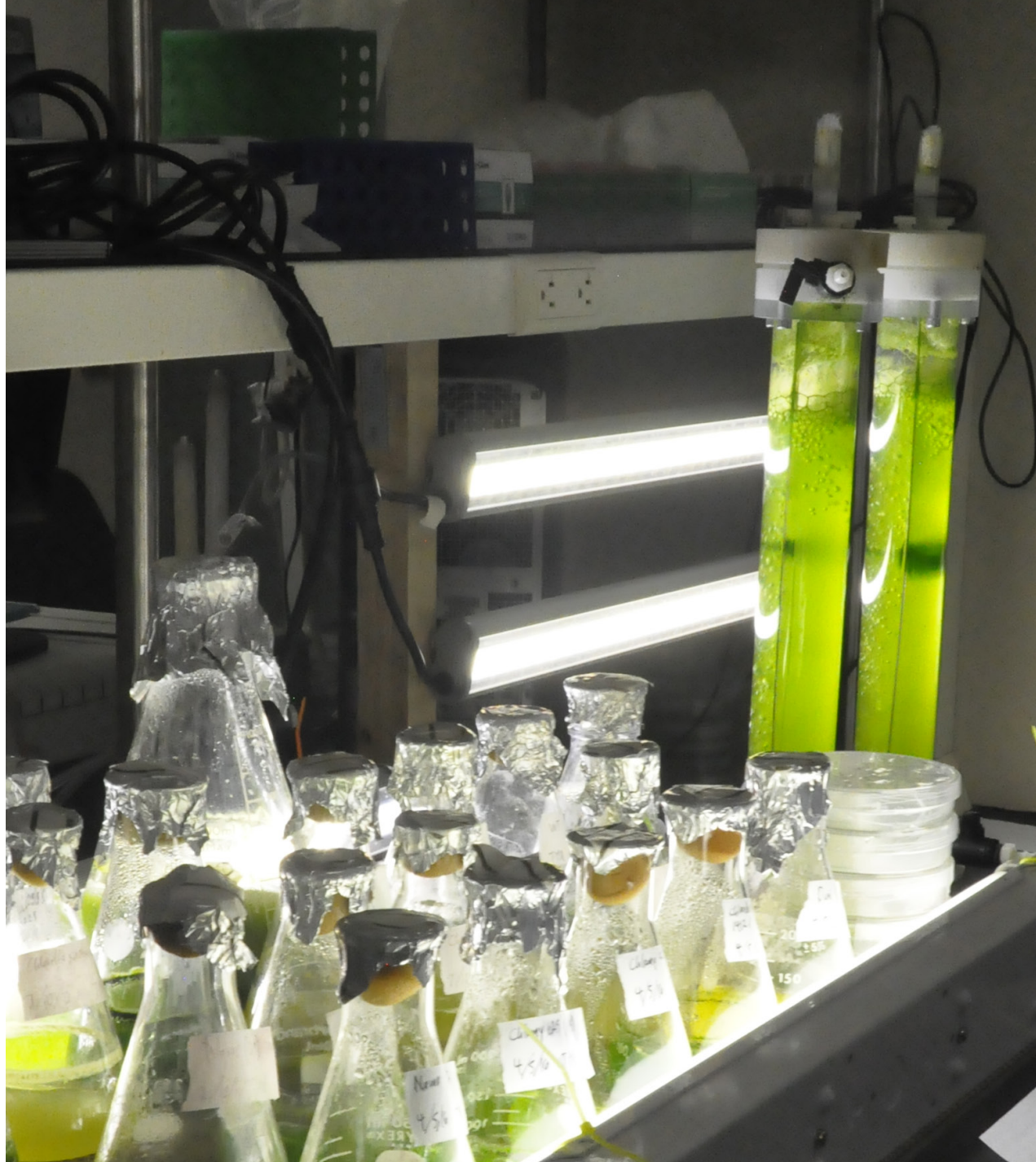
78% of NSF EPSCoR faculty hires remain in their original jurisdictions, thereby creating a return on investment for New Mexico's economy.

ENERGIZE NEW MEXICO: YEAR 3

The *Energize New Mexico* grant is designed to support shared-use equipment, engage new research and community college faculty, and support the STEM pipeline by training teachers, undergraduate and graduate students, and post-doctoral fellows.

Year 3 of the *Energize New Mexico* grant encompasses all project activities from June 1, 2015 to May 31, 2016. In that time, project components completed 95% of activities set forth in the Strategic Plan. Several project components are ahead of schedule in completing research; overall *Energize New Mexico* is on track to fulfill all research and education objectives by the time the grant ends in 2018. Research findings continue to be communicated broadly through new partnerships with our museum network, a citizen-centric web portal, and vibrant, experiential programs targeting K-12 students.

WHAT IS
EPSCoR?



The Experimental Program to Stimulate Competitive Research began in 1978 when the National Science Board was charged with increasing research in regions of the country that were less able to compete for National Science Foundation research funds. New Mexico joined EPSCoR in 2001, and today EPSCoR funding supports 25 states, two territories, and one commonwealth in

its efforts to build a sustainable research and human infrastructure. Over the last five years, EPSCoR supported over 7,400 faculty researchers and 16,700 students, established over 100 new degree programs including 64 new PhD programs, and engaged over 22,000 K-12 teachers and 300,000 K-12 students in outreach activities. Other EPSCoR investment strategies

include co-funding to facilitate participation of EPSCoR scientists and engineers in NSF-wide programs and initiatives, and supporting workshops, conferences, and other community-based activities designed to explore opportunities in emerging areas of science and engineering, and to share best practices in communication, outreach, planning, and implementation.