

Native American Science and Engineering Program (NASEP)

NASEP provides Native American high school students with a vision of a career in a Science, Technology, Engineering, or Mathematics (STEM) discipline. Participants are connected with students and professionals in STEM-related fields and work on individualized environmental research projects related to their home communities. The goal of this program is to prepare students for college and STEM career paths by providing motivation through mentorship and one-on-one coaching.

For more information: <http://eao.arizona.edu/nasep>



NASEP members of the 2016 summer cohort visiting Biosphere2 in Oracle, Arizona
(Courtesy of NASEP)

Keep Engaging Youth in Science (KEYS) Research Internship

This seven week residential program focuses on providing high-achieving high school students with hands-on experience in the sciences. From learning lab techniques and reading scientific papers to working in research labs at the UA, participants become familiar with university-level research methods during their internship. Professional poster presentations by the interns

conclude their summer research experience. KEYS is a free program, though students who are not from Tucson are responsible for their dormitory expenses. Every effort is made to ensure that interns are able to participate in the program, including the availability of need-based financial aid.



2016 KEYS interns and staff members motivated working to enhance laboratory techniques, safety and research for better solutions in the STEM field (Photograph by Robert Mears).

“High school is where the pipeline begins.”

– Serrine S. Lau, PhD, KEYS Researcher

For more information: <https://keys.arizona.edu>

Native Student Outreach, Access, and Resiliency (SOAR)

For current undergraduate students at the UA, Native SOAR offers an opportunity to provide mentorship to Native American high school students in and around the Tucson community. The goal of this program is to inform students and their families about college and to encourage persistence in higher education for Native American youth by including families in the learning and decision-making process.

Native SOAR strives to connect Indigenous youth with educational opportunities using technology and a network of resources. Most recently, Native SOAR organized the UA’s second annual Native American College Day which drew in more than 250 students and family members, and showcased rapper Frank Waln as a keynote speaker and performer.

You must be a current undergraduate student at the UA in order to be a Native SOAR student mentor. Through the program’s multigenerational approach to college success, high school students are mentored by UA undergraduates while UA graduate students and professionals serve as mentors to undergraduate Native SOAR students.



Native SOAR mentors introducing themselves to students and families at the fall 2015 Native SOAR campus visit that shine light on the college-going process
(Photograph by Amanda Cheromiah).

“We believe GIVING BACK is a powerful way to inspire the best in people.”

– Native SOAR

For more information: www.facebook.com/nativesoar or
<http://nativesoar.wix.com/native-soar-ua>.