



## RESEARCH & ENGINEERING APPRENTICESHIP PROGRAM

Stockton University's Chemistry Program has been accepted to participate in the Army Research and Engineering Apprenticeship Program (REAP). REAP is a summer STEM program that provides the opportunity for a rising-junior and rising-senior high school students, from an underrepresented population, to work directly with a mentor on a research project at Stockton University.

The accepted scholars must be able to conduct 6-8 weeks (200 hours) of research. At the completion of the apprenticeship, the students will be awarded a \$1,500 stipend. Specific dates will be arranged in consultation with program mentors, Dr. Cohn and Dr. Pemberton, and the selected student.

## GOALS

- To provide high-school students from groups historically under-represented and underserved in STEM, including alumni of the AEOP's UNITE program, with an authentic science and engineering research experience.
- To introduce students to the Army's interest in science and engineering research and the associated opportunities offered through the AEOP.
- To provide participants with mentorship from a scientist or engineer for professional and academic development purposes.
- To develop participants' skills to prepare them for competitive entry into science and engineering undergraduate programs.

## APPLICANT QUALIFICATION

Applicants must be from groups that are underserved and underrepresented in the STEM community. In order to qualify, applicants must be located within commuting distance of Stockton University, have demonstrated an interest in STEM research and demonstrated a potential for a successful career in STEM. Additionally, they must identify meeting two or more of the following criteria:

- Student self-identifies as qualifying for free or reduced lunch.
- Student self-identifies as a minority historically underrepresented in STEM (Alaskan Native, Native American, Black or African American, Hispanic, Native Hawaiian or other Pacific Islander)
- Student is a female pursuing research in physical science, computer science, mathematics, or engineering.
- Student receives special education services.
- Student has a disability.
- English is a second language for the student.
- Student is a potential first-generation college student (parents did not attend college).

Applications are submitted through [www.usaeop.com/programs/apprenticeships/reap](http://www.usaeop.com/programs/apprenticeships/reap) starting November 2018 through February 2019.

### QUESTIONS:

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