



FOUR CORNERS NOYCE PROGRAM

San Juan College
Alicia O'Brien, EdD
Fort Lewis College
Jill Choate, PhD



WHAT IS IT?

The Four Corners Noyce Program seeks to encourage talented science, technology, engineering, and mathematics (STEM) majors and professionals to become high school mathematics and science (including engineering and computer science) teachers in the Four Corners area.

The geographic area includes both tribal and public K-12 school districts. The program seeks to serve high schools in these districts.



FCNP TRACK 1

Fort Lewis College

Fort Lewis College is a graduate institution and offers Bachelors and Masters degrees.

Fort Lewis College and San Juan College are partnered through track 1.

Level I and II students are recruited as underclassmen at both institutions.

Juniors, Seniors and Master: Licensure students earning STEM degrees at Fort Lewis College are eligible for Noyce scholarships.



FCNP TRACK 1

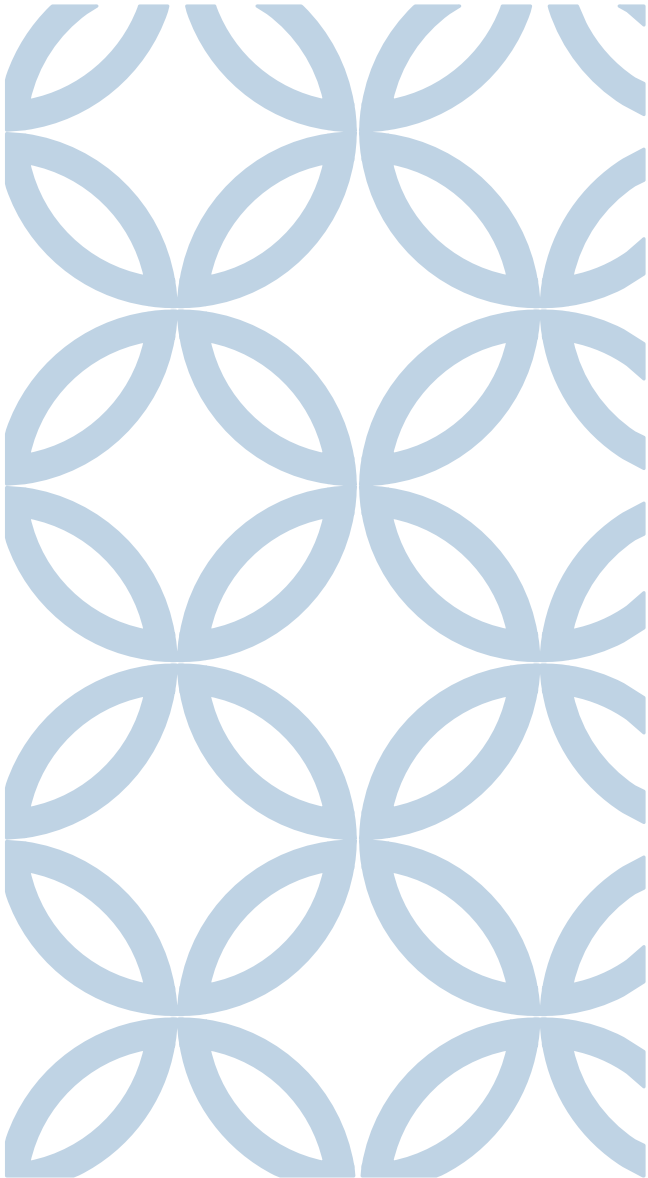
San Juan College

San Juan College is a two-year institution with an Alternative Licensure Program.

San Juan College STEM A.S. graduates are recruited and encouraged to apply to the Noyce Scholarship at Fort Lewis and a bridge program in the summer is provided to orient the students to their transfer to Fort Lewis.

San Juan College Alternative Licensure students that have not taught before and have earned a B.S. in a STEM field at another institution are eligible for a one-year scholarship.





Classroom visitations in education, science, and math courses

Information Sessions at the beginning of each semester

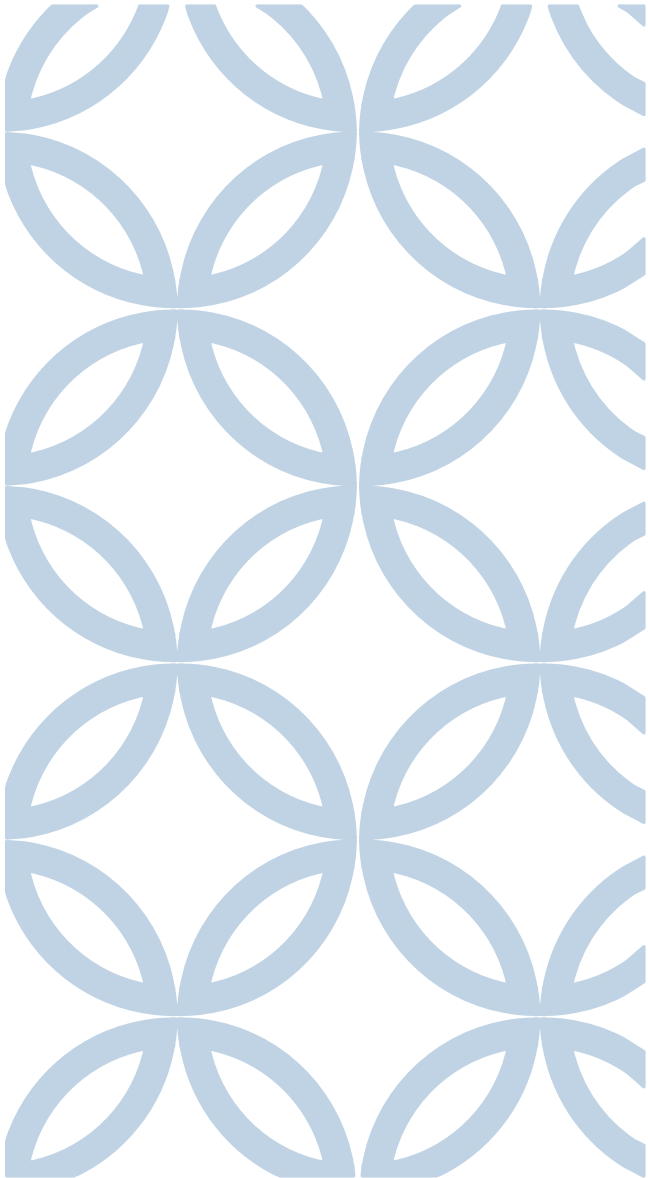
Flyers and Pamphlets

Graduate Coordinator

Website

Personal contact and referrals from faculty and staff

RECRUITMENT METHODS AT FORT LEWIS



All STEM classrooms were visited with a 10-minute presentation of the FCNP

Students that were interested were asked to fill out an information card that included their name, student ID, phone number, and address

RECRUITMENT METHODS AT SAN JUAN COLLEGE



Julia Robinson Math Festival

Local School fieldtrips to FLC science departments

Assist with Science Open Houses and related activities

Homeschool events at the Powerhouse

Regional Science Fair judging

Summer Science Camps on Campus

**ACTIVITIES FCNP STUDENTS PARTICIPATED
IN AT FORT LEWIS COLLEGE**



ACTIVITIES FCNP STUDENTS PARTICIPATED IN AT SAN JUAN COLLEGE

7 hours of more of classroom STEM work in a high school

January STEM expo, FCNP students conducted science and mathematics demonstrations for local secondary students

March Julia Robinson Math Festival for Pi Day, FCNP students facilitated exploratory mathematics tables

March New Mexico Regional Science Fair, FCNP students worked interviewed public school students and judged their STEM projects

CHALLENGES FORT LEWIS COLLEGE FACED

Distribution of Money-Institutional

Early recruitment

Level II recruitment

How much information to provide students upfront

Qualifying majors for Noyce Scholarship

Materials and Organization up front

- Flyers
- Website
- Info Night



CHALLENGES SAN JUAN COLLEGE FACED

Students majoring in engineering and computer science see teaching in a negative light and I was not able in the past year to recruit anyone from this group.

Our level II student that did the most work in a high school classroom wanted to transfer to Fort Lewis and apply for the FCNP scholarship, but her GPA was not high enough to qualify. (She still plans to transfer and follow a similar path as FCNP.)

Our ALP program was designed to fulfill the teacher shortage in San Juan County so it is challenging to find STEM graduates that will be eligible for the scholarship because they have usually been placed in a classroom as a long-term sub. We revised an ALP program specific to Noyce Scholars to address this issue.

LESSONS LEARNED MOVING FORWARD FLC

Management of Level I and II

Recruitment of Level 1 and II

Spreading the word in a timely
and efficient manner

Distribution of
funds/scholarships

Importance of cultural
competency

Supporting scholars



During recruitment it is possible online students were not exposed to the possibility of the FCNP. This will be remedied through the help of Institutional Research and a list of current STEM majors at SJC. Students that are found to be in online STEM courses and cannot be reached in person will be called and the program will be explained to them.

LESSONS LEARNED MOVING FORWARD SJC

Q & A

