**STEM Success**

**Stanislaus** **State University**

STEM Success engages Hispanic/underserved and low-income students in comprehensive, year-round programming dedicated to improving retention, persistence, and graduation of undergraduates in math and science disciplines at California State University, Stanislaus. STEM Success has a total of 692 individual students over the first four years of the grant.

* 472 students were from the 10 Warriors on the Way 2 STEM (WOW 2 STEM) colleges. WOW 2 STEM facilitates the transfer of STEM students from top regional feeder colleges by improving the articulation and advising process.
* 128 participated in STEM Discovery Academy (SDA). SDA is a structured, student-centered summer experience for incoming freshmen and transfers designed to facilitate STEM discipline immersion and exploration that enhances self-efficacy and transition to Stanislaus State.
* 151 paid research associates in the Research Immersion for STEM Excellence (RISE) program. RISE STEM Engagement implements activities for newly enrolled transfers and freshmen during their first years on campus that includes faculty mentoring, undergraduate research opportunities on and off-campus.
* 68 enrolled in the NSCI 1000 course, a General Education course focused on gathering, analyzing, and interpreting scientific information. Students will be expected to demonstrate understanding of college level success skills for STEM disciplines, like problem-solving skills and teamwork skills.

**Key Findings:**

25% of WOW 2 STEM students are more prepared – transferring with 25% more prerequisites completed.

SDA, RISE, and NSCI 1000 students show an increased sense of belonging and college level success skills for STEM disciplines:

* 63% of SDA, RISE, and NSCI 1000 students can write a scholarly paper compared to 49% of students in the comparison group.
* 71% of SDA, RISE, and NSCI 1000 students have at least one mentor at Stan State compared to 43% of students in the comparison group.
* 84% of SDA, RISE, and NSCI 1000 students enjoy conducting research compared to 63% of students in the comparison group.
* 90% of SDA, RISE, and NSCI 1000 students believe that setbacks and obstacles are opportunities to learn compared to 83% of students in the comparison group.
* 90% of SDA, RISE, and NSCI 1000 students have friends and colleagues who can help them succeed in Stan State compared to 74% of students in the comparison group.

**Contact Us:**

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