

SAN DIEGO STATE UNIVERSITY

HSI STEM PATHWAYS

US Dept. of Education (Title III) Grant #P031C210157



OVERVIEW

STEM Pathways is a supportive mentored program committed to helping students navigate how to transition from community college to a 4-year university, explore STEM careers, and pursue a career that best fits their interests. The STEM Pathways begins at one of the partnering community colleges Southwestern College & San Diego City College (City) to continue through SDSU and on to graduate school and/or STEM career path.

GOALS

1. Increase the number of Latinx and low-income students attaining degrees in STEM.
 - a. Help STEM students navigate transferring from a CC to 4-year institution while at the CC.
 - b. Explore and pursue a STEM career that fits their interests and passions.
2. To develop transfer and articulation agreements between our partner CCs and SDSU.
 - a. Partner with local community colleges (CC) - San Diego City College and Southwestern College.

SERVICES

1. Supportive Mentoring Program
 - a. Cohort meetings, workshops and enrichment activities
 - b. Individual Development Plan (IDP) with goal of aligning STEM experiences and career goal outcomes
 - c. Guaranteed Admission
2. Advising and Career Exploration
 - a. Semesterly academic planning of coursework and access to advisors and peer mentors well versed in university policies and resources
 - b. Exploration of career pathways that may include Academia, Industry, Teaching amongst others to increase diversity in STEM Workforce
3. Summer Research Program
 - a. Entering Research Course at CC
 - b. Matched with SDSU Faculty for paid summer experience with weekly professional developments
 - c. Encouraged to attend SACNAS
4. STEM Applied Experience
 - a. Students encouraged to have a STEM applied experience that aligns with career goals
 - b. SD2 Program partners with STEM Pathways to identify STEM opportunities for paid internships

Project Lead: Dr. Stacy Ochoa
Website Link: [Click Here](#)



SAN DIEGO STATE

CSU CHANCELLOR'S OFFICE

THINK TANK (HUB)

US Dept. of Education Title (III) HSI Grants



OVERVIEW

The Think Tank (Hub) is a centralized hub for dissemination of best practices for CSU-funded United States Department of Education (DE) HSI-STEM Articulation Program projects, based on the CSU Office of the Chancellor STEM-NET consortium to broker ideas, stimulate debate, and offer creative yet practical solutions to tackle the most pressing problems in STEM Education. STEM-NET is a multi-campus collaborative (consortium), working with all 23 CSU Campuses and in all areas of STEM research and education, and will coordinate these efforts.

GOALS

1. To facilitate the spread of knowledge and associated evidence-based interventions on a wide-scale across the CSU system.
2. To distribute information and intervention materials to targeted audience(s).
3. To enable access of best practices to decision makers in the CSU.
4. To transform scientific evidence for its use in practice.

CSU PARTNERS

Institutional Partners

1. CSU Fullerton
2. Stanislaus State
3. Sacramento State
4. CSU San Bernardino
5. CSU San Marcos
6. Cal Poly Pomona
7. CSU Bakersfield
8. SDSU (Pending Approval)
9. CSU Channel Islands (Pending Approval)

BENEFITS OF HUB

1. Partnerships and networking across the CSU's
2. Dissemination of best practices for CSU-funded ED HSI-STEM Articulation Program projects.
3. Hub leads serve as liaisons to the ED and serve as conduit for information and preparedness for these grants.
4. Increased support with institutionalization, funding (resources), and best practices, to increase STEM student success.