

STANISLAUS STATE

ACCELERATED STEM PATHWAYS THROUGH INTERNSHIPS, RESEARCH, AND ENGAGEMENT (ASPIRE)

US Dept. of Education (Title III) Grant #P031C210159



OVERVIEW

Accelerated STEM Pathways Through Internships, Research, and Engagement (ASPIRE) seeks to further engage 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.

GOALS

- 1. Science and Math Articulation and Research for Transfers (SMART)** identifies and reduces articulation gaps through collaboration with our 3 largest community college partners, Modesto Junior College, Merced College, and San Joaquin Delta College to provide pre-matriculation advising, personnel training, and outreach targeting first-year community college transfers.
- 2. STEM Career Ready U (STEM CRU)** provides on-and-off campus internship experiences in collaboration with industry partners.
- 3. STEM Peer Assisted Learning for Students (STEM PALS)** provides student-centered programming to engage incoming freshmen in STEM experiences.

SERVICES

1. SMART

- a. Advising for students at community colleges.
- b. Dedicated transfer peer mentors.
- c. Assigned STEM faculty advisor.
- d. Annual transfer summit.

2. STEM PALS

- a. 2-week summer STEM academy for income STEM freshmen.
- b. Activities focus on STEM, campus resources, and psychosocial factors.

3. STEM CRU

- a. Hands-on internship experience.
- b. Workshops and trainings.

4. ASPIRE Team

- a. Leadership Team

Project Lead: Iqbal Atwal
Website Link: [Click Here](#)



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.