

CSU SAN BERNARDINO

PROACTIVE APPROACHES TO TRAINING HISPANICS IN STEM (PATHS)

US Dept. of Education (Title III) Grant #P031C210084



OVERVIEW

The grant will strengthen our college's efforts to decrease equity gaps among our students, retain students in STEM, increase graduation rates, and prepare our graduates for graduate and professional schools through proactive advising, individual development plans, expanded support systems, and access to valuable undergraduate research and learning assistant experiences.

GOALS

1. Increase the number of Hispanic and other low-income students attaining degrees in the STEM fields.
2. Develop model transfer and articulation agreements between two-year HSIs and four-year institutions in STEM fields
3. Evaluate part of the program with a quasi-experimental design
 - a. Test of Individual Development Plans (IDP) intervention.
4. Provide work-based learning experiences and improve collaboration between education providers and employers
5. Develop a science success center to enhance advising, tutoring, and student support programs to improve academic outcomes.

SERVICES

- [New STEM student recruitment](#)
- [Science Success Center Student Orientation](#)
- [Career Panels and Workshops](#)
- [Collaborative workshops with other centers \(i.e., Career Center\)](#)
- Open house, finals study marathons, and social events
- Science Buddies and Science Buddy Social Events
- Science Success Center Student Graduation Ceremony
- [Biology and Math tutoring](#)
- STEM Gym
- Community College Visits
- [IDPs and IDP modifications](#)
- [Myer's Briggs and Strong Evaluations](#)

Project Lead: Dr. Sastry pantula
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.