STEM-NET Conference: Becoming More Than the Sum of our Parts
March 16th & 17th
Photo Gallery

Welcome Session
Keynote Speakers

Jolene Koester, Chancellor
Frank A. Gomez, Executive Director, STEM-NET
Keynote Speaker

Jeffrey Armstrong, President, Cal Poly San Luis Obispo
Keynote Speaker

Serving Students with Intention

Beatriz Ceja-Williams, Senior Director, Institutional Higher Education Programs

Office of Postsecondary Education, U.S. Department of Education
Keynote Speaker

Serving Students with Intention

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Flipping the Table: The Rules of Engagement Have Changed

Teniel Jones, Chief Executive Officer, Base11
Jeffrey D. Armstrong, President, Cal Poly San Luis Obispo

Soraya M. Coley, President, Cal Poly Pomona
Left to right

President Jeffrey D. Armstrong, Provost Carl Kemnitz, Dean Alison Baski, Dean Michael Kaufman, Dr. Ganesh Raman
Welcome Session
Welcome Session
Conference Breakout Sessions

Data for Improving Outcomes
Erik Wasinger, Chico State
Heidi Riggio, Cal State LA

CREATE Award Winners
Helen Trejo, Cal Poly Pomona
Dustin Thoman, San Diego State
Cassandra Paul, San Jose State

Inclusive and Culturally Responsive Teaching
Heather Macias, Cal State Long Beach

Connecting University STEM Programs for Student Success
Carmen Domingo, San Francisco State

Undergraduate Research and the Teacher-Scholar Model. Where do we go from here?
Keith Trujillo, CSU San Marcos

What does Experiential Learning Mean to Me? Envisioning the Future
Wei Wu, Fresno State
Vivien Luo, Fresno State

Cultivating Belonging in STEM through Affirming Activities
Audrey Gavino Parangan-Smith, San Francisco State
Breakout Session - Connecting University STEM Programs for Student Success
Facilitator - Dean Carmen Domingo, San Francisco State
Breakout Session - Data for Improving Outcomes
Facilitator - Dr. Heidi Riggio, Cal State LA
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Facilitator - Dr. Heidi Riggio, Cal State LA
Breakout Session- CREATE Award Winners
Facilitator- Helen Trejo, Cal Poly Pomona

Other Facilitators not in the Picture- Dustin Thoman, San Diego State
Cassandra Paul, San Jose State
Breakout Session - Inclusive and Culturally Responsive Teaching
Facilitator - Dr. Heather Macias, Cal State Long Beach
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Facilitator - Dr. Heather Macias, Cal State Long Beach
Breakout Session- What does Experiential Learning Mean to Me? Envisioning the Future

Facilitator- Wei Wu, Fresno State

Other Facilitators not in the Picture- Vivien Luo, Fresno State
Breakout Session- What does Experiential Learning Mean to Me? Envisioning the Future
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Conference STEM-NET Faculty Fellow Panel

Panelist

Subodh Bhandari, Cal Poly Pomona
Jessica De Silva, Stanislaus State
Olaseni Sode, Cal State LA
Dr. Olaseni Sode, Dr. Omayra Ortega, Dr. Monica So, Dr. Jessica De Silva, Dr. Subodh Bhandari

2022-23 STEM-NET Faculty Fellows
Alison Baski, Dean of College of Science, Cal Poly Pomona

STEM-NET Faculty Fellows Panel Moderator
Dr. Subodh Bhandari, Dr. Monica So, Dr. Jessica De Silva, Dr. Olaseni Sode
STEM-NET Faculty Fellows
Conference Network Session

Topics:

- NSF Projects/Proposals Brainstorming
- Department of Education Projects/Proposals Brainstorming
- NIH Projects/Proposals Brainstorming
- HSI-STEM Projects/Proposals Brainstorming
- NASA Projects/Proposal Brainstorming
- Other Projects/Proposals Brainstorming
- Recruitment and Retention of a Diverse Student Body
- Diversity, Equity, and Inclusion
- Diversifying the Professoriate
- Addressing Intersectionality
- Barriers to Student Success
- STEM Pedagogy Activities
- Culturally Responsive Teaching and Pedagogy
- Gateway Courses
- Belongingness
- Keeping the Curriculum Relevant: Integrating Emerging Technologies
Conference Poster Board Session

Poster Board Topics

• Science in Our Community
• Building a Strong Foundation for Success: A Look at STEM Research and Education at Cal State LA
• Advancing STEM Priorities Through Inter-Disciplinary and Inter-Institutional Partnerships
• STEM Scholars @ CSUSM
• Embracing diversity in the Dolphin Pod: Increasing representation in CSUCI STEM majors
• Equitable Assessment at CSUEB
• Maximizing Engineering Potential & Women in Science and Engineering: Inspiring and Supporting the Next Generation of STEM Scholars
• Leveraging a Faculty Community of Practice Model of Professional Learning to Enhance Diversity, Equity, & Inclusion in STEM Teaching, Learning, and Leadership
• Highlighting Undergraduate Research at Cal Poly – a High Impact Practice to Promote Student Success
• Escaping the environmental crises: Online escape rooms for evaluating student lab data analyses skills
Dr. Carlos Rojas, Dr. Jessica De. Silva
After completion of their projects and online escape room assessment, 63% of the students rated their confidence as “high” or “very high” (Fig. 4), compared to 20.6% before the experience.

73.7% of groups completed the escape room within 60 min. (Fig. 9).

Moderate competition increased motivation to complete virtual escape room.