



5th Annual C-STEM Symposium

Inclusive Learning and Teaching
STREAM* for All Using Coding and Robotics

Date: Friday, March 1, 2024
Location: Riverside, California

UC DAVIS
C-STEM Center

ALVORD
ALVORD COUNTY OFFICE OF EDUCATION



*Science, Technology, Reading, Engineering, Arts & Math

c-stem.ucdavis.edu



A New California Math Framework for Supporting All Students' Success in Mathematics

Keynote: **Cheryl Cotton**, Deputy Superintendent of Public Instruction, California Department of Education

Moderator: **Ken Wagner, Ed.D.**, Assistant Superintendent of Educational Services, Redlands USD



The Future is Now

Edwin Gomez, Ed.D., Superintendent of Schools, Riverside County Office of Education

Moderator: **Ken Wagner, Ed.D.**, Assistant Superintendent of Educational Services, Redlands USD



Panelist:
Joey Adame,
Superintendent,
Los Molinos USD



Panelist:
Fal Asrani, Ed.D.,
Superintendent,
Marysville Joint USD



Panelist:
Alfonso Jiménez, Ed.D.,
Superintendent,
Hacienda La Puente USD

Plenary Session with Superintendents

Moderator: **Keith Driberg, Ph.D.**, Chair, Curriculum & Instruction, School of Education, La Sierra University

Breakout Sessions

- 1A. Hands-on Coding and Robotics Experience for Administrators - Exploring Robotics and C-STEM Resources/Tools
- 1B. Getting Started with Hands-on C-STEM Coding, Robotics, and Curriculum for the Absolute Beginner of Teachers
- 1C. Integrating C-STEM Coding and Robotics into Teaching ES/MS Math
- 1D. Live-Teaching - 3rd Grade Teacher: Demonstration of Teaching Math/Coding/Robotics - Lower Elementary
- 1E. Leading the Change in Math and Computer Science Teaching & Learning: Redlands USD and Louisiana State Department of Education
- 2A. Pathways & Careers in STEM/Robotics
- 2B. C-STEM for CTE, CS, Science Education
- 2C. Integrating Coding and Robotics into Elementary School Math and/or for Dual Immersion/Multi-language Learners
- 2D. Live-Teaching: Demonstration of Teaching Math/Coding/Robotics - Upper Elementary, MS, and HS
- 2E. Strategies for Inclusive Learning, Including Students with Disabilities
- 3A. Showcase of Learning Elementary Math and CS/STREAM with Coding and Robotics
- 3B. Arduino: Introduction to Basic Electronics and Creative Problem Solving for Physical Computing
- 3C. Integrating C-STEM Coding and Robotics into Alg1, Geo, Alg2 or Integrated Math I, II, and III (MS & HS)
- 3D. Full STREAM Ahead: Reading/Literacy, Creating Art, Animations, Music, and STREAM in Your School
- 3E. Administrative Perspectives on How to Get Started with C-STEM: Best Practices and Success Stories in Math/CS/Robotics
- 4A. Showcase of Learning Upper Elementary, Middle, and High School Math and CS/STREAM with Coding/Robotics
- 4B. What is C-STEM and What's New? (AP CS Principles with Robotics, Engineering Design with Robotics, & Exciting Features/Products. New CA Math Framework & CS HS Requirement for Graduation)
- 4C. GIRL Camp, Ujima GIRL Project & UCD/UCR CS Supplementary Teaching Credential Authorization Program
- 4D. The Power of STREAMING: Engaging Students with Reading/Literacy, Art, Animations, Music, and Engineering/Robotics (Elementary School)
- 4E. Showcasing Student Learning: Summer Math/Robotics Camps, RoboPlay Challenge Competition & Student Projects



For more information, contact
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