



# Equity in CS and Math Education During the Pandemic

## UC DAVIS C-STEM Center

**Free Registration**  
December 7-10, 2020  
3:00-5:00pm PT



<http://c-stem.ucdavis.edu>

### December 7th:

Keynote: **Dr. Mark Schneider**, Director of the Institute of Education Sciences, U.S. Department of Education

Talk: "America's Lowest-Performing Students are Sinking!"

Keynote: **Tony Thurmond**, California State Superintendent of Public Instruction, California Department of Education

Talk: "STEM Education – California's Path Forward to Equity"

Keynote: **Dr. Mary Croughan**, Executive Vice Chancellor and Provost, UC Davis

Talk: "Equity and Diversity in STEM Education"

Keynote: **Lisette Estrella-Henderson**, Superintendent, Solano County Office of Education

Talk: "Closing the Achievement Gap for Young Women in STEM with Engaged Hands-on Learning"

Keynote: **Tim Taylor**, Executive Director, Small School District Association

Talk: "Long-Term Impact of the C-STEM Program on Teachers and Their Students"

Panel: Long Term Impact of the C-STEM Program on Teachers and Their Students  
Awards Ceremony for C-STEM Teacher of the Year and Administrator of the Year



### December 8th:

Keynote: **Dr. Ramona E. Bishop**, Co-Founder and President/CEO, ELITE Public Schools

Talk: "All Students Prepared for STEM Fields – 13 Years of Math with Hands-On Robotics"

Panel: CS and STEAM Education with Robotics for 3-6th Grade Students

Panel: CS and Math Education with Robotics for Middle School Students

Panel: CS and Math Education with Robotics for Students in Special Education and Alternative Schools



### December 9th:

Keynote: **Mauricio Arellano**, Superintendent, Redlands Unified School District

Talk: "Open the Algebra Gateway to Success in STEM Fields for All Students Through Hands-on Robotics"

Panel: CS and STEAM Education with Robotics for K-2nd Grade Students

Panel: CS and Math Education with Robotics for High School Students

Panel: Strategy on Algebra Education for At-Risk Students



### December 10th:

Keynote: **Dr. Brittney Beck**, Assistant Professor, Department of Education, CSU Bakersfield

Talk: "Telling Stories and Visualizing Data: Inspiring K-12 Pre-Service Teachers to Code through Citizen Science"

Panel: GIRL/GIRL+ Camps for Building Pipeline of Girls in Robotics Leadership (GIRL)

Panel: RoboPlay Challenge and Video Competitions for Collaborative Learning and Teamwork

Panel: Collaboration with UC Davis C-STEM Center on CS and STEM Education



For more information, contact  
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