

2016 California STEM Symposium

Girls in STEM Sessions

- **Session 1:** Designing Girl-Friendly and Girl-Focused STEM Programs : Tips from CalGirls Network
Room 202B Session ID 185
- **Session 2:** Engaging Girls in STEM panel discussion led by Lupita Cortez Alcalá, Chair CA Commission on the Status of Women and Girls and Million Women Mentors CA Founder
Room 202B Session ID 221
- **Lunch Keynote:** Reshma Saujani, Founder and CEO of Girls Who Code
- **Session 3:** Femineer Program: A Model for Engaging K-12 Girls in STEM
Room 202B Session ID 170
- **Session 4:** Roundtables
 - Technovation: Girls Who Code and Create Startups
 - Girls STEM Conference Santa Maria: Collaboration between Allan Hancock College and California Women for Agriculture
 - Solano COE: Using Coding Robotics in EL and Migrant ED Summer Programs
 - Los Altos School District: Computer Science for ALL
 - STEM Learning Lab: Math Through Robotics at an All-Girls School
- **Day 2 Morning Keynote:** Dr. Edith “Edie” Widder, Oceanographer
- **Session 5:**
 - Access and Opportunity for Underrepresented Females of Color
Room 201C Session ID 28
 - Getting STEAMy with Art and Engineering's: Environmental Education at an All-Girls Middle School San Diego
Room 202B Session ID 202B 135
- **Session 6:** The Magic of STEM: Creating Curiosity in Middle School Girls
Room 202B Session D 177
- **Session 7:** Create STEM Opportunities for Girls!
Room 202B Session ID 172



California Department of
EDUCATION

2016 California STEM Symposium | October 9-11 | Anaheim, CA



The Commission on the Status of Women and Girls is an independent state agency that advocates on behalf of women in California, advising the Governor and Legislature on issues concerning women, educating the public about important policies impacting women, and working in conjunction with organizations invested in women's empowerment.

Our 17 member commission includes extraordinary women leaders in policy, education, and industry.

While our Commissions work on a range of women's issues, the Commissions current policy priorities are:

- Increasing the number of women and girls in STEM educational and professional fields
 - Ensuring pay equity for all women in CA
 - Ensuring secure retirement and safety for aging women

Visit our website for up to date information on Commission and activities and follow us on social media for all things gender.

Join us!

advancing issues
50 YEARS
and continuing action



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Welcome to
the 2016
California
STEM
Symposium
Anaheim, CA
October 9-11





Chair Lupita Cortez Alcalá, appointee of the Superintendent of Education and Executive Director of the Student Aid Commission

Chair Alcalá has served on the Commission for 5 years. As the appointee of the Superintendent of Education she has advocated the Commission to make STEM education a priority. Under her leadership the Commission has partnered with the CA Department of Education, University of California Davis, and Million Women Mentors to bring women and girls into STEM and stay. Our mission is to increase the participation of girls in STEM classrooms, from Kindergarten to University, and increase the number of women in STEM professional fields.

The Commission has joined with the California Department of Education to improve STEM education in K - 12 public schools and to strengthen girls' engagement in STEM classrooms.

The CCSWG and the CDE have teamed up to:

- develop professional learning modules focusing on instructional strategies to increase access to STEM;
- organize a series of town hall meetings to identify specific steps for policy makers, educators, and business and community partners to engage young women in STEM educational fields and disciplines.

Our dedications to STEM carries over into all the work we do. We look forward to traveling across the Golden State to rally girls to pursue STEM.



Million Women Mentors supports the engagement of one million STEM mentors to increase the interest and confidence of girls and women to persist and succeed in STEM programs and careers.

Through the engagement of one million mentors, their goals are to:

1. Increase the percentage of high school girls planning to pursue STEM careers.
2. Increase the percentage of young women pursuing undergraduate degrees in STEM fields.
3. Increase the percentage of women staying and advancing in STEM careers through supporting workforce mentoring programs.

**Interested in becoming a mentor?
Need some guidance in STEM?**

Connect with us:

<http://mwm-ca.org/>