California Commission ON THE STATUS OF WOMEN AND GIRLS

October 9, 2016

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Dear Colleagues:

It is my great honor to join Superintendent Tom Torlakson in welcoming you to the 4th California STEM Symposium on behalf of the California Commission on the Status of Women and Girls (CCSWG). For more than 50 years, the 17 member Commission, an independent, nonpartisan state agency has advocated for equity and opportunity in education, and has worked in partnership to bring attention to some of the most important challenges confronting women and girls in our great state. As the initiator of the first CA STEM Symposium during my tenure as a CDE Deputy Superintendent, I am especially proud of the Commission's expanding collaboration with the California Department of Education and the Californians Dedicated to Education Foundation to focus on how to engage girls in California on the path to future discoveries as STEM learners and leaders.

I have served as Superintendent Torlakson's designee on the Commission for almost five years, and I recognized immediately how critical it was for the Commission to join with the CDE to focus special attention on pathways for California's young women and underserved communities. Late last year I was elected to serve as Chair, which has provided me the opportunity to continue to guide and support the Commission's leadership on STEM education and careers for women and girls. Some of you will remember when the Commission's previous Chair, Geena Davis joined us at the first Symposium and challenged all participants to remember every day: "If she can see it, she can be it."

This year we are thrilled to announce that the Commission and CDE are supporting the development of teacher training modules, as part of the Next Generation Science Frameworks rollouts, focused on ways to stimulate girls' interest in STEM education and keep them engaged. We are also planning a series of roundtables in regions across California with CDE and hope many of you will participate.

I also want to be sure that each attendee learns more about opportunities to join with the Commission, UC Davis and many other committed partners on Million Women Mentors -California www.mwm-ca.org. We are expanding this national mentoring initiative into California to create mentorship for girls and young women interested in STEM. We believe strongly that when students and young professionals have mentors and role models in both STEM education and STEM careers we see an enduring impact. Enjoy the Conference and let us know how we can further support you and your students.

With warmest regards,

Lupita Cortez Alcalá
Chair

MWM·CA

Million Women Mentors – California

Advancing Women and Girls in STEM Careers Through Mentoring

MENTOR PLEDGE GOAL: 50,000

The California Commission on the Status of Women and Girls and UCDavis founded Million Women Mentors California (MWM-CA) and with our partners are committed to engaging 50,000 mentors by 2018 to support young women and girls in their pursuit of STEM majors and careers.

We strive to:

***Increase the percentage of middle school and high school girls planning to pursue STEM careers**

***Increase the percentage of young women pursuing undergraduate degrees in STEM fields.**

***Increase the percentage of women staying and advancing in STEM careers through supporting workforce mentoring programs**

Join us: go to http://www.MWM-CA.org

@CCSWG
@MWMentorsCA

www.facebook.com/CCSWG/
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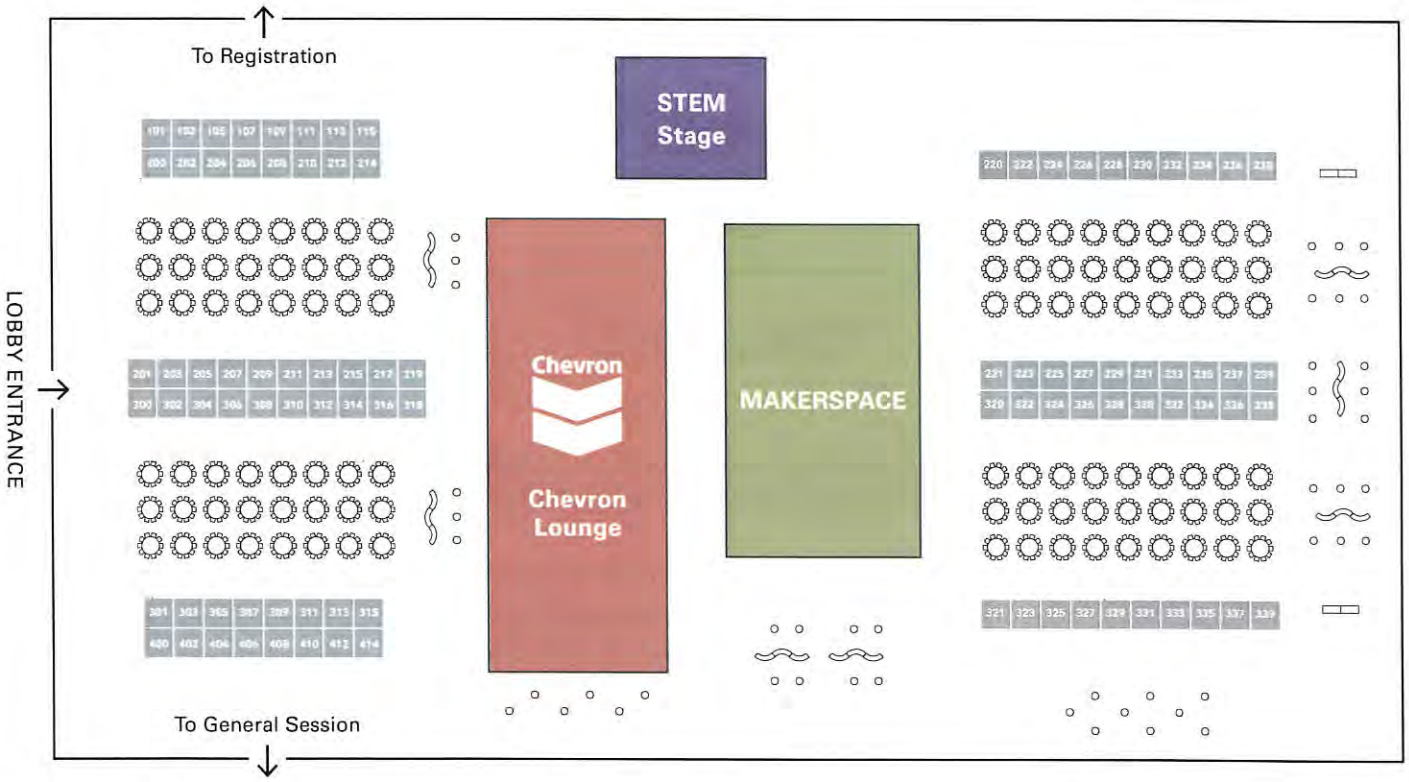
900 N Street Suite 390 | Sacramento, CA 95814 | (916) 651-5405 | www.women.ca.gov

Exhibitors

Monday, October 10 • 7:00 a.m. - 5:30 p.m. | Tuesday, October 11 • 7:00 a.m. - 12:55 p.m. | Hall A



BOOTH #	COMPANY
212	Accelerate Learning
410	AchieveSTEM.education "Exercising Minds"
332	AdvancED Pacific
210	Advanced Technologies Consultants
217	Airwolf 3D
208	American Printing House for the Blind
206	Ardusat
406	Barobo Linkbot
329	BIOZONE Corporation
323	Boxlight | Mimio
223	California Industrial and Technology Education Association
105	California Science Teachers Association
202	California Virtual Academies
214	Carnegie Learning
207	Carolina Biological Supply Comp
312	Certiport
222	codeCampus
333	Commission on the Status of Women and Girls
213	CPM Educational Program
321	CSU Office of the Chancellor
211	Cubit
209	Delta Education
201	ELB Education
205	Engineer Your World from The University of Texas

BOOTH #	COMPANY
203	ETA hand2mind
309	ExploreLearning
302	Fisher Science Education
304	Frey Scientific / CPO Science
224	GameSalad, Inc.
306	iDESIGN Solutions
404	Inside the Outdoors
308	Interior Concepts
115	It's About Time
310	Kaplan Early Learning Company
215	Klein Educational Systems
233	Learning A-Z
314	LEGO Education
334	LEGOLAND California
113	Let's Go Learn
330	Magnitude.io
311	MEL Science
400	MIND Research Institute
402	NAAEE
313	Nasco
101	National Geographic Learning/ Cengage Learning
408	National Inventors Hall of Fame
307	National Math + Science Initiative
107	National Science Teachers Association
239	NumbersAlive!
305	Ocean Institute
303	PASCO Scientific
320/324	Paton Group

BOOTH #	COMPANY
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331	PocketLab
412	PreFast Buildings
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338	Project Cornerstone, Inc.
318	Project Lead The Way
328	Rokenbok Education
325	SAM Labs
226	School Technology Resources
228	Skillastics
200	Society for Science & the Public
230	SolidProfessor
232	Start Engineeringt
236	STEM Jobs Magazine/Victory Media
234	Studentnest Foundation
236	Studica, Inc.
238	Ten80 Foundation
204	The MiniOne Electrophoresis
109	The UTeach Institute
237	Texas Instruments
235	Two Wires Lab, Inc.
225	UC Davis C-STEM Center
227	University of California, Riverside Extension
229	Vernier Software & Technology
231	Ward's Science
111	World Educational Robotics
301	zSpace

THE CALIFORNIA STEM SYMPOSIUM IS BROUGHT TO YOU BY:

CALIFORNIANS DEDICATED TO EDUCATION

DEPARTMENT OF EDUCATION · STATE OF CALIFORNIA

California Commission ON THE STATUS OF WOMEN AND GIRLS

TIPS

NAME BADGES

Obtained at registration, name tags are required for entrance to all keynotes, sessions, meals, and events.

WE WANT YOUR FEEDBACK!

Please complete session and Symposium surveys. For each survey completed, you will be entered to win a prize!

STAY CONNECTED

WI-FI ACCESS

NETWORK NAME:
CASTEM16

ACCESS CODE:
castem16

CaliforniaStemConference

@cdefoundation | #CASTEM16

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Stay updated during the 2016 CA STEM Symposium!

Introduction

Lupita Cortez Alcalá, CHAIR, CALIFORNIA COMMISSION OF THE STATUS OF WOMEN AND GIRLS

Lupita Cortez Alcalá joins the California Student Aid Commission from the California Department of Education where she served as Deputy Superintendent of Instruction and Learning Support. She is currently Chair of the California Commission on the Status of Women and Girls, as the designee for State Superintendent of Public Instruction Tom Torlakson. She has spent her career championing better educational outcomes for students, including advocacy for STEM education. Ms. Alcalá holds a bachelor's degree in political science from of the University of California, San Diego and a master's degree from Harvard University School of Education.

Introduction

Blair Blackwell, MANAGER, EDUCATION AND CORPORATE PROGRAMS, CHEVRON

Blair Blackwell is the Manager of Education and Corporate Programs at Chevron Corporation, a position she has held since December 2012. In this role, Blackwell is responsible for leading Chevron's education focused social investment initiatives in the United States. Blair serves on the Partner Advisory Council for 100Kin10, a network of partners designed to fuel the next generation of innovators and problem solvers by providing America's classrooms with 100,000 excellent STEM teachers as well as the Advisory Council of Engineer Girl. Blair has over 15 years of experience with the private sector, nonprofit organizations and international organizations in Africa, the Balkans, Central Asia and the United States. She earned a bachelor's degree in Slavic Languages and Literatures from Princeton University, and is a Board Member of Princeton in Asia.

Keynote Speaker

Reshma Saujani, FOUNDER AND CEO, GIRLS WHO CODE

Reshma Saujani is the founder and CEO of Girls Who Code, a national non-profit organization working to close the gender gap in technology and prepare young women for jobs of the future. In her groundbreaking book, *Women Who Don't Wait in Line,* Saujani advocates for a new model of female leadership focused on embracing risk and failure, promoting mentorship and sponsorship and boldly charting your own course - personally and professionally.

After years of working as an attorney and supporting the Democratic Party as an activist and fundraiser, Saujani left her private-sector career behind and surged onto the political scene as the first Indian-American woman in the country to run for U.S. Congress. Following the highly publicized race, she stayed true to her passion for public service, becoming deputy public advocate of New York City.

Saujani is a graduate of the University of Illinois, Harvard's Kennedy School of Government and Yale Law School. She was recently named to *Forbes'* Most Powerful Women Changing the World; *Fast Company's* 100 Most Creative People; *Ad Age's* Creativity 50; and *Business Insider's* 50 Women Who Are Changing the World.

TOPIC:

Closing the Gender Gap in Technology - From the Classroom to the C-Suite

It's no secret that the tech industry has a serious gender imbalance, and it all starts with the classroom. If girls aren't in the seats, the labs, or the Makerspaces, they are less likely to land in the corner office. We live in an era in which girls are told they can do anything, so why aren't there more women in leadership roles to look up to? In 2012, Reshma Saujani founded Girls Who Code with the mission of correcting this disparity. Since then, she has sparked a national conversation about increasing the number of women in tech.

Saujani advocates for a new model of female leadership focused on embracing risk and failure, promoting mentorship and sponsorship, and boldly charting your own course, both personally and professionally. It's one that embraces fun, welcoming learning environments where girls from all walks of life are encouraged to explore the world as well as their own potential.

Acknowledgments

Special Thanks To...

Tom Torlakson
STATE SUPERINTENDENT OF PUBLIC INSTRUCTION

Californians Dedicated to Education Foundation

California Commission on the Status of Women and Girls

We appreciate and recognize the following individuals and organizations for their contributions to the success of this Symposium:

California Department of Education Administrative Team

Tom Torlakson, STATE SUPERINTENDENT OF PUBLIC INSTRUCTION

Glen Price, CHIEF DEPUTY SUPERINTENDENT

Michelle Zumot, CHIEF DEPUTY SUPERINTENDENT

Jason Spencer, PRINCIPAL ADVISOR TO THE SUPERINTENDENT

Tom Adams, DEPUTY SUPERINTENDENT

Michael Funk, DIRECTOR, EXPANDED LEARNING DIVISION

Stephanie Gregson, DIRECTOR, CURRICULUM FRAMEWORKS AND INSTRUCTIONAL RESOURCES DIVISION

Trish Boyd Williams, MEMBER, CALIFORNIA STATE BOARD OF EDUCATION

California Department of Education Support Team

Maxine Wheeler
Jennifer Moreno
Laura Nelson
Alice Ng
Emily Del Real
Teri Alves
Lisa Fassett
Bryan Boyd, Ed.D.
Jane Liang, Ed.D.
Emily Oliva
Laura Bridges
Yvonne Evans
Gustavo Gonzalez
Shannon Gordon
Chris Breazeale
Melissa MacDonald
Molly Stitt
Lesley Taylor

STEM Symposium Leadership Team

Shelly Masur, CHIEF EXECUTIVE OFFICER, CALIFORNIANS DEDICATED TO EDUCATION FOUNDATION

Jessica Howard, PROGRAM DIRECTOR, STEM, CALIFORNIANS DEDICATED TO EDUCATION FOUNDATION

Allison Pieter, EXECUTIVE PRODUCER, STEM SYMPOSIUM

Erin Scholes, MEETING PLANNER, SCHOLES MEETINGS & EVENTS

Monique McWayne, ADMINISTRATOR, STEM OFFICE, CALIFORNIA DEPARTMENT OF EDUCATION

Paula Evans, EDUCATION PROGRAMS CONSULTANT, STEM OFFICE, CALIFORNIA DEPARTMENT OF EDUCATION

Lupita Cortez Alcalá, CHAIR, CALIFORNIA COMMISSION OF THE STATUS OF WOMEN AND GIRLS

Nancy Kirshner-Rodriguez, EXECUTIVE DIRECTOR, CALIFORNIA COMMISSION ON THE STATUS OF WOMEN AND GIRLS

STEM Symposium Support Team

Neetu Balram
Pablo Lopez
Michele Lambert
Kristen Keltner
Whitney Matta
Lauren Cuneo