CSforALL Summit 2019 - Utah

Monday, October 21, 2019 - Wednesday, October 23, 2019

The University of Utah 201 Presidents Cir, Salt Lake City, Utah 84112 USA

In October 2019, the national computer science (CS) education community will convene in Salt Lake City, Utah to celebrate progress on the CSforALL movement and announce new commitments to reach the goal of access to rigorous, inclusive, and sustainable computer science education for all US students. We hope you'll join us!

OCT 21, 2019

3:00 - 6:30 PM

· Thompson Hall

CSforALL HIVE

Kick off your CSforALL Summit at the Hive : the hub for the summit
Head to the Hive for badge, t-shirt and SWAG pickup, PLUS we'll have hands-on experiences with CS education device and content providers, readings and book signings from authors, and presentations by CSforALL members on the Spotlight Stage.
You'll also get a glimpse of new inventions from the Lemelson/MIT InvenTeam youth finalists.
PRESENTERS
3:20 PM: **Lemelson Scholars**
3:40 PM: **Miriam Peskowitz**, Author, Code Like a Girl: Rad Tech Projects + Practical Tips
4:00 PM: **Milton Chen**, Author, Education Nation: Six Leading Edges of Innovation in our Schools
4:20 PM: **Kiki Prottsman**, Author, My First Coding Book; How to be a Coder; Coding with Anna and Elsa
4:40 PM: **Aimee Lucido**, Author, Emmy in the Key of Code
5:00 PM: **Sylvia Acevedo**, Author, Path to the Stars
Busses will transport attendees from the CSforALL Hive to the Kick Off Reception beginning at 6:15 PM.

6:30 - 10:00 PM

· Museum of Natural History

SUMMIT KICK OFF KEYNOTE & CELEBRATION

Opening Reception: Food, Friends and Fun at the Museum of Natural History
Join us at the Utah Museum of Natural History to explore the canyons of Utah and enjoy the sweeping views as we kick off the 3rd annual CSforALL Summit.
In addition to enjoying the museum and networking with fellow CS education stakeholders, You'll be treated to an inspiring keynote from Dr. Milton Chen, fellow emeritus of the George Lucas Educational Foundation and author of Education Nation.
Many thanks to Lockheed Martin for supporting the kick off celebration.
SPEAKERS:
Dan Reed, University of Utah
Ruthe Farmer, CSforALL
An-Me Chung, CSforALL
KEYNOTE: **Milton Chen**, George Lucas Educational Foundation

OCT 22, 2019

8:00 AM - 1:30 PM

· Thompson Hall

CSforALL HIVE

Expo, Badge pickup & Spotlight Stage
Buzz into the Hive - the hub for the CSforALL Summit including badge and t-shirt pickup, SWAG & the help desk. Explore the latest in CS education content and tools at the CS Ed resource EXPO, and check out presentations by CSforALL members on the Spotlight Stage.
Coffee & light breakfast will be served.

9:00 - 11:00 AM

· Libby Gardner Hall

SYSTEMS FOR CS

Join us for a live-streamed plenary session exploring systems-level efforts to bring computer science to all youth.
MUSIC: **CodeSCTY**
EMCEES: **Leigh Ann DeLyser** & **Ruthe Farmer**, CSforALL
PANEL: Building a Sustainable K-12 Computer Science System for Utah
Spencer Cox, Lt. Governor, State of Utah
Senator Ann Millner, Utah State Senate
Steve Daly, CEO, Ivanti
Sheryl Ellsworth, Utah Department of Education
Bruce Cutler, Ivanti
SPOTLIGHT: CS in the Beehive State
Suzy Cox, Utah Valley University
Deepthi Prasanna,Vice President/Senior Engineer, Goldman Sachs

PANEL: Teaching Ethics and Social Impacts of Computing in K-12 CS
Casey Fiesler, University of Colorado-Boulder
Natasha Singer, New York Times
Blakeley H. Payne, MIT Media Lab
Saber Khan, Processing Foundation
Rafi Santo, CSforALL
SPOTLIGHT: KinderCare Education
Theresa Maves, Senior Manager, Education Innovation
FIRESIDE CHAT: Leveraging Public Media to Inspire All Kids to See Themselves in Tech
Debra Sanchez, Corporation for Public Broadcasting
Milton Chen, George Lucas Educational Foundation
Michael Preston, Sesame Workshop
PANEL: Expanding Coding Opportunities
Robbie Melton, Tennessee State University
Jeff Dillon, Wilder School District
Katie Levedahl, Apple
FIRESIDE CHAT: Building a Supportive Pathway for Girls in CS, Engineering and Beyond
Sylvia Acevedo, Girls Scouts of the USA
Caeley Looney, Reinvented Magazine

11:30 AM - 12:30 PM

· Gardner Hall

DEEPER DIVE INTO THE HIVE!

Mini-Plenary Sessions
Following the plenary, we will divide and conquer, moving to mini plenaries that take a deeper dive into topics discussed on the main stage.

11:30 AM - 12:30 PM · Crocker Science Center Reading Room

[Session closed no space available] INSPIRING KIDS' CREATIVITY WITH HUMOR, STORYTELLING & ROBOTS: A collaboration between Cartoon Network & Wonder Workshop

Less watching, more doing.
Come experience how the creative minds from Cartoon Network have joined with education experts from Wonder Workshop to give kids new ways to engage with the characters they love, while fostering their creativity and coding skills. You'll leave the session not only having helped Craig of the Creek and his new friend, Dash, conquer fun and exciting missions, but you'll have what you need to bring the Wonder League Robotics Competition and this unique partnership to kids and educators in your community.
PRESENTERS:
Vikas Gupta, Wonder Workshop
Jennifer Light, Cartoon Network
[sponsored session]

11:30 AM - 12:30 PM · Libby Gardner Music Hall

COMMITMENT SHOWCASE: Igniting Systems Change for #CSforALL

It's fast, fun and impactful. Hear direct from Commitment Makers about the many ways they are building #CSforALL into P-12 education systems in and out-of-school. Expect high-energy Ignite style talks, audience participation, and even a bit of competition!
EMCEE: **Kiki Prottsman**, KIKIvsIT
IGNITORS:
Christina Gardner-McCune, AI4K12
Jake Baskin, Computer Science Teacher's Association (CSTA)
Deborah Singer, Girls Who Code
Emmanuel Schanzer, CSPDWeek
Megan Hamilton and **Breanne Litts**, USU Learn Explore Design Lab
Dennis Kambeitz, Robots.Education
NC Family Code Nights with **Kate Maloney**, Infosys Foundation, **Dave Frye**, Friday Institute and **John Pearce**, Family Code Night
Armando Somoza, CodeScty

11:30 AM - 12:30 PM · The Hive, Thompson Hall

BUT I HAVE QUESTIONS: Celebrity Plenary Speaker Q&A

Join a panel of esteemed speakers from the opening plenary for an intimate Q&A session. This is your chance to ask your own questions and learn more about the initiatives and programs shared on the plenary stage.
MODERATOR: **Leigh Ann DeLyser**
SPEAKERS:
Milton Chen, George Lucas Educational Foundation
Sylvia Acevedo, Girl Scouts of the USA
Natasha Singer, New York Times
Debra Sanchez, Corporation for Public Broadcasting
Senator Ann Milner, State of Utah

12:45 - 1:45 PM

AUTHOR'S CORNER

Join us for readings and signings with celebrated #CSforALL authors to discuss their work.
Featured Authors:
12:45 PM : **Dr. Nicki Washington**, Author, Unapologetically Dope: Lessons for Black Women and Girls on Surviving and Thriving in the Tech Field
1:05 PM: **Angela Cleveland**, Author, 50+ Tech Tools for School Counselors, Coding Capers: Luci and the Missing Robot (NCYI)
1:25 PM: **Caeley Looney**, Founder & Editor in Chief, Reinvented Magazine
1:45 PM: **Meg Ray**, Author, Code This Game

2:00 - 3:15 PM

· Alumni House

SWARMING AROUND CS SYSTEMS I

Breakout Sessions: Part 1
Join us at one of the many breakout sessions happening at the Alumni House. Breakouts will be held simultaneously so please select ONE of the sessions listed.

2:00 - 3:15 PM

RESEARCH POLLINATORS: Informing the Research Agenda for the #CSforALL Movement

Join this interactive session to contribute to the CS education research agenda and help identify the biggest research questions to inform the future of CS education.

2:00 - 3:15 PM · Alumni House

BUILDING RIGOROUS CS INTO RURAL EDUCATION SYSTEMS

Hear from rural education leaders about innovative strategies for integrating computer science into rural education systems.
SPEAKERS:
Deb Ivie, USU Extension Faculty of Youth Programs, STEM Lead, Utah State University
Wren Hoffman, Computer Science Consultant, Iowa Department of Education
Alicia Biggs, Computer Science Coordinator, Lewiston Public Schools
Kit Mantz, CTE Director, San Juan School District
Sue Kane, PhD, North Central Educational Service District

2:00 - 3:15 PM

RIGOROUS CS EDUCATION: Afterschool Style

Strike a balanced pathway between in-and out-of-school CS learning. Out-of-School (OST) educators and leaders will share successful models of integrating real-world CS into the OST infrastructure.
SPEAKERS:
Andrew Coy, Executive Director, Digital Harbor Foundation
Chris Neitzey, Director of STEM Initiatives, Afterschool Alliance
Ben Trentelman, Director of Operations,UT Statewide Afterschool Network
An-Me Chung, Fellow, CSforALL

2:00 - 3:15 PM

IMAGE REBOOT: Inspiring Engagement through Popular Culture & Media

Media messages are critical to helping students develop a CS identity, disrupting stereotypes, and providing diverse role models of people in CS. In this session, you'll hear from authors and content creators on the moves they are making to leverage media messages for #CSforALL.
SPEAKERS:
Marvin Carr, Senior Program Officer, The Institute of Museum and Library Services
Aimee Lucido, Author, Emmy in the Key of Code
Caeley Looney, Founder & Editor in Chief, Reinvented Magazine
Cydni Tetro, Co-Founder/President, Women Tech Council
Miriam Peskowitz, Author, Code Like a Girl

2:00 - 3:15 PM

[Session closed no space available] I 'M BUZZING ABOUT...EMERGING TECH & CS ED

Technology is dynamic by design, and often moves faster than the education system can respond. This session will explore innovative approaches to integrating emerging and dynamic topics like artificial intelligence, virtual and augmented reality, data science and security, and how to design resilient CS programs that can adapt to the dynamic nature of the field.
SPEAKERS:
Kumar Garg, Senior Director for Technology and Society, Schmidt Futures
Blakeley H. Payne, Graduate Research Assistant, MIT Media Lab
Mandy Galante, CyberStart Program Director, CyberStart - SANS Institute
Chad Dorsey, President and CEO, The Concord Consortium
Melissa Oldrin, Senior Manager, Global Education Programs, Unity3D
Carl Domingo, Global Student Programs, Unity3D

2:00 - 3:15 PM

[Session closed no space available] STANDARDS FOR SYSTEMS CHANGE: Aligning CS Ed Resources to the Standards (AlignCS)

Standards alignment is the price of admission for working within the school system. Are you a curriculum or content provider? Join this session to explore the standards alignment process.
SPEAKERS:
Pat Yongpradit, Chief Academic Officer, Code.org
Nicole Reitz, SLC Schools
Emilio Vargas, Data and Systems Analyst

2:00 - 3:15 PM

FINDING A HOME FOR CS IN COLLEGES OF EDUCATION

Much of the focus of the #CSforALL movement has been on preparing existing teachers to offer CS content, but meanwhile new teachers are graduating from our colleges of education every year. Join this session to explore recommendations for building CS into the pre-service teacher education pipeline.
SPEAKERS:
Jake Baskin, Executive Director, Computer Science Teachers Association
Josh Childs, Assistant Professor, University of Texas at Austin
Lauren Margleaux, Professor, Georgia State
Suzy Cox, Associate Professor, Utah Valley University

2:00 - 5:00 PM

· Executive Terrace

ROBOT PLAYGROUND BY SPHERO

Hands-on Fun with robots
Sphero BOLT is more than a computer—it's an energetic ball of code and machinery that rolls, rocks, and lights its way into new adventures. Join Sphero Education for some hands-on fun with the Bolt (aimed at grades 3-8) and new Rover (aimed at grades 4-12). [sponsored session]
Drop in anytime at the Playground for some fun time with the robots in-between the breakout sessions (Swarming Around CS Systems I &II) at the Alumni House.

3:15 - 3:45 PM

· Alumni House

Break

A break, a snack...and transition time for the second round of breakout sessions.

3:45 - 5:00 PM

· Alumni House

SWARMING AROUND CS SYSTEMS II

Breakout Sessions: Part 2
Buzz into another session to continue your CS systems change journey. Select from the sessions below, but 'BEE' careful to choose wisely! (actually...if you created an account, you may log in and update your registration at any time!)

3:45 - 5:00 PM · Alumni House

IS CS INVENTION? Aligning the Invention Education Community with #CSforALL

Invention Education encourages problem identification, experimentation, collaboration, critical thinking, and hands-on engagement to inspire and equip students to solve real-world challenges, and prepare them for an ever-changing future. This session will discuss how CS education and invention education complement and support each other, and will share innovative approaches to inventing with computing.
SPEAKERS:
Leigh Estabrook, Invention Education Officer, Lemelson-MIT Program
Molly Beth Kocialski, Director, USPTO
Sean Hurley, Teacher, The ASK Academy
James Sandusky & **Rodney Reichert**, Students, The ASK Academy
Anthony Perry, Invention Education Coordinator, Lemelson-MIT Program

3:45 - 5:00 PM

INCUBATING QUEEN BEES: Innovative Approaches to Recruiting & Keeping Girls (and Young Women) in CS

Achieving #CSforALL means conquering the gender gap in tech. Come hear from national experts in gender equity about effective strategies for inviting, engaging and keeping girls and young women in the CS pathway.
SPEAKERS:
Angela Cleveland, Program Director, NCWIT Counselors for Computing
Dr. Nicki Washington, Winthrop University
Hau Moy Kwan, PhD., TECHNOLOchicas
Savita Raj, Vice President, National Partnerships, Girl Scouts of the USA
Shalini Kesar, Associate Professor of IS & Director of Masters Cyber Security Degree, Southern Utah University

3:45 - 5:00 PM

[Session closed no space available] FINDING YOUR WHY FOR CS: Building An Organizational Vision and Strategy For Your CS Initiative

School districts and local education organizations are the units of change toward creating rigorous, inclusive and sustainable K-12 computer science education programs in schools. Getting there requires a shared vision and strategy. Learn how districts are using the SCRIPT to create systems-level change.
SPEAKERS:
Ines Fernandez, SCRIPT Program Manager, CSforALL
Sara Vogel, Doctoral Candidate, The Graduate Center, City University of New York
Jennifer Wilkie, Instructional Coach and Professional Development, Ithaca City School District

3:45 - 5:00 PM

[Session closed no space available] DEFYING THE STATUS QUO: Systems Approaches to Inclusion

Getting to #CSforALL means building systems that include students traditionally underrepresented in computing. Learn how schools, organizations and content providers are building inclusion into their program design to enable all students to succeed.
SPEAKERS:
Paige Prescott, EcoSystemsforCS Representative, New Mexico Computer Science Alliance
Robin Lowell, Special Education Teacher
Brianna Blaser, Coordinator/Counselor, Access Computing
Ronald Summers, Senior Director of CS Education Policy & Implementation, NYC Department of Education

3:45 - 5:00 PM

BUT I NEVER LEARNED THIS? Effectively Enlisting Non-tech Parents & Families as CS Boosters

Research shows that family engagement is a key success factor for underrepresented youth in CS. This session will explore strategies to effectively engage parents and families without a tech background in supporting their kids' CS journey.
SPEAKERS:
Teresa Drew, Associate Director, STEM Next
John Pearce, Executive Director, Family Code Night
Theresa Maves, Sr. Manager, Education Innovation, KinderCare Education
Grechen Huebner, Chief Product Officer, Kodable

3:45 - 5:00 PM

BY YOUTH FOR YOUTH: Youth Led Innovation and Outreach in CS

Maybe the best person to get a student excited about CS, is a student excited about CS? Join this session to hear from young CS education entrepreneurs working to inspire and engage their peers and near-peers.
SPEAKERS:
Jennifer Manning, Program Director, AspireIT Partnerships, NCWIT
Taylor Fang, Founder, Girls Explore Tech
Iva Chho, Co-President, Park City High School Girls In Tech
Annabella Miller, Co-President, Park City High School Girls In Tech
Zach Latta, Founder, Hack Club

5:00 - 6:00 PM

· Alumni House

The Buzz

Evening Reception
Join new and old friends and colleagues to sip some local nectar, celebrate a successful day, and enjoy the Utah sunset at the evening reception at the Alumni House.

OCT 23, 2019

8:00 - 9:00 AM

· Thompson Hall

CSforALL Hive

Check in, Expo and Spotlight Stage
Buzz into the Hive - the hub for the CSforALL Summit including registration, t-shirt pickup, SWAG & the help desk. Explore the latest in CS education content and tools at the CS Ed resource EXPO, and check out presentations by CSforALL members on the Spotlight Stage.
Coffee and light breakfast will be served.

9:00 - 11:00 AM

· Libby Gardner Hall

CLOSING PLENARY

Plenary Session
After diving deep into CS Systems Change and work happening around the country, join us for a high impact and inspiring closing plenary chock full of surprises.

MUSIC: **CodeSCTY**
EMCEES: **Ruthe Farmer** & **Leigh Ann DeLyser**, CSforALL
PANEL: Youth Insights for Growing Engagement in CS Education
Gemma Busoni, DiscoVR Labs
Kaden Gordon, Beehive Academy for Science and Technology
Fredale Burns, University of Utah
DEMO: AlignCS – Aligning Curriculum to the K12 CS Framework
Emilio Vargas
PANEL: Activating the Hive – Local Ecosystems for CS
Kumar Garg, Schmidt Futures
Lisa Lescroart, JP Morgan Chase
Ronald Summers, NY City Department of Education
Joshua Elder, CSforALL
SPOTLIGHT:
Alana Aaron, Code.org
PANEL & ANNOUNCEMENT: Broadening Participation at Scale through Federal Youth Programs
Ruthe Farmer, CSforALL
Maureen Reyes, College Board
Rebecca Dalton, AFA CyberPatriot
Brian Gonzalez, Intel Corporation
Greg Bianchi, Microsoft Philanthropies
Joe Rice, Lockheed Martin Space
Anthony 'Todd' Taylor, US Air Force
Stephen Karrick, Hill Air Force Base
Tina Boyle Whyte, CSforALL
PANEL: Data Science in K-12 - Charting the Future
Robert Gould, Institute for Data Science
Colleen Megowan-Romanowicz, American Association of Physics Teacher & American Modeling Teachers Association
Robert Berry, National Council of Teachers of Mathematics
Emmanuel Schanzer, Bootstrap
FIRESIDE CHAT: CS Education – Then & Now
Brenda Darden Wilkerson, CEO, AnitaB.org
Dr. Jan Cuny, National Science Foundation

11:00 AM - 12:00 PM

· Thompson Hall

CLOSING TOAST AT THE HIVE

Join us in the CSforALL Hive for a celebratory toast, networking and a last buzz around the expo.
Cupcakes and Sparkling Cider will be served.