



The University of Texas at Austin
Center for STEM Education
College of Education



We Teach_CS

Summit 2017

June 5 - 7, 2017

UT Austin Pickle Research Campus

Commons Learning Center

Austin, Texas

WeTeach_CS Summit 2017

MONDAY June 5	A	B	C	D	E	F
	Lil' Tex 1.122	Balcones 1.108	Stadium 1.138	Longhorn 1.130	Bevo 1.140	Mustang 1.162
8:00 - 9:00 a.	Registration and Breakfast -- Atrium					
9:00 - 10:15 a.	Opening Session • WTCS Overview by Carol Fletcher, UT Austin / WTCS Awards Presentation by Enrique Kortright and Steven Miller, IBM Analytics, and Denise Hobbs, Oracle Academy -- Big Tex, 1.102					
10:15 - 10:30 a.	Break					
10:30 - 11:30 a. SESSION 1	Making Sense of Texas Computer Science Requirements	"Thrifty" and Purposeful CS Resources	Improving Diversity in CS Education Mirrored to the...	Binary, Octal, and Hex...Oh My!	In-Class Support for Computer Science Teachers...	Tiny but Terrific: Ozobots in the Classroom
11:30 - 1:00 p.	Lunch / Student Playground -- Atrium					
1:00 - 2:00 p. SESSION 2	AP Computer Science Principles -- Planning for...	K-12 CS Education - National Efforts Replicated in...	Introduction to App Inventor	Robotics Reboot	CS for All Teachers: How to Build Your PLN	Introduction to the Quorum Programming Language
2:00 - 2:15 p.	Break					
2:15 - 3:15 p. SESSION 3	Building and Maintaining a CS Program at Your School	Using Cybersecurity as a context for STEM and CS	Tiny Tots Technology Time	EarSketch 101 -- Making Music With Code	Breaking Computer Science Stereotypes...	Computer Science for People with Disabilities
3:15 - 3:30 p.	Break					
3:30 - 4:30 p.	Keynote Session • Championing Change: Building the National Movement for Computer Science for All by Ruthe Farmer, CSforAll Consortium -- Big Tex, 1.102					

TUESDAY June 6	A	B	C	D	E	F
	Lil' Tex 1.122	Balcones 1.108	Stadium 1.138	Longhorn 1.130	Bevo 1.140	Mustang 1.162
8:00 - 8:30 a.	Breakfast -- Atrium					
8:30 - 9:30 a.	Plenary Session • NCWIT Aspirations Award Panel* moderated by Ruthe Farmer, CSforAll Consortium -- Big Tex, 1.102					
9:30 - 9:45 a.	Break					
9:45 - 10:45 a. SESSION 4	Informally Formal: Increasing Diversity in...	Get Creative, Get Connected, Get Coding with micro:bit	MakeyMakey and Sphero in the Classroom	Integrating Computer Science in High School Core...	HTML in Your Classroom	Computational Thinking Throughout the Curriculum
10:45 - 11:00 a.	Break / Vendors					
11:00 - 12:00 p. SESSION 5	How To Start CS At Your School	Build an App in One Hour	CSforAll: Introducing CS in K-8 Classrooms	Building a 2D 3rd Person-Tile Based Game w/ Java & Eclipse	Thunder the Robot: A Gentle Introduction to the Art of Prog...	Careers Your Students Need to Know About
12:00 - 1:30 p.	Lunch / Vendors -- Atrium					
1:30 - 2:30 p. SESSION 6	Is 3D Printing Computer Science? Indeed!	Scratch + Math	Vertically Aligning Your CS programming curriculum form...	Teaching CS in the Age of Cognitive and IoT	Mobile CS Principles: Learning CS By Building...	jGRASP - An IDE with Software Visualizations for Program...
2:30 - 2:45 p.	Break / Vendors					
2:45 - 3:45 p. SESSION 7	CS Education and Oracle Academy: What's the Why?	Cross-Curricular Coding Resources: How to Teach CS in...	Your App on Your Phone & Your Students Phones in an Hour!...	Connecting Physically to Learning With Three-Dim...	Exploring Computer Science with the TI-Innovator...	Project Management Goes Digital with Trello
3:45 - 4:00 p.	Break / Vendors					
4:00 - 5:00 p.	Plenary Session • The Exciting New World of Code & Data by Steven Miller, IBM Analytics -- Big Tex, 1.102					
5:15 - 7:00 p.	TACC Stampede Tours and Mixer (Separate Registration Required)**					



WeTeach_CS Summit 2017

WEDNESDAY June 7	A	B	C	D	E	F
	Lil' Tex 1.122	Balcones 1.108	Stadium 1.138	Longhorn 1.130	Bevo 1.140	Mustang 1.162
8:00 - 8:30 a.	Breakfast -- Atrium					
8:30 - 9:30 a.	Plenary Session • Equipping Today's Students with Future Skills by Kevin Hodges, Google -- Big Tex, 1.102					
9:30 - 9:45 a.	Break / Vendors					
9:45 - 10:45 a. SESSION 8	So You are Newly CS Certified...Now What?	Coding in the Arts – STEAM CS Lessons	Innovative CS: Modeling Our World with the TI-Innovator	Writing and Storytelling with Play Lab from Code.org	Bringing Beauty & Joy into AP CS Principles	Superhero Social Networking! Text Mining Wikipedia...
10:45 - 11:00 a.	Break / Vendors					
11:00 - 12:00 p. SESSION 9	Build Your Own Code Jam: A Recipe for Community...	Bootstrap: Achieving Equity and Scale Through...	AP Computer Science Principles Code.org Curriculum	Full Classes of Motivated Students With Free Resources..	Hands-On, Minds-On: Teaching Computing...	Coding in the Cloud
12:00 - 1:00 p.	Lunch / Vendors -- Atrium					
1:00 - 2:00 p.	Closing Session • Funding Your Creative Classroom Ideas! by James Walter Doyle, DonorsChoose.org; Door Prizes -- Big Tex, 1.102					

Vendor Fair

Tuesday, June 6 - 10:00 a.m. to 4:00 p.m.
Wednesday, June 7 - 9:00 a.m. to 2:00 p.m.



* NCWIT Aspiration Award Winners

- **Hannah Grace Jensen** (LASA High School)
- **Nabihah Khalid** (John B. Connally High School)
- **Inchara Nelogal** (Meridian World School)
- **Whitney Tran** (Vandegrift High School)

** TACC Stampede Tours and Mixer

Location

Texas Advanced Computing Center (TACC)
Advanced Computing Building (ACB)
J.J. Pickle Research Campus, Building 205
10100 Burnet Road
Austin, Texas 78758-4497

Separate Registration Details:

The mixer will be Tuesday evening from 5:15- 7:00 pm. The first 80 people to complete the form at link below will be registered for the mixer; everyone who completes this form after that will be on a waitlist. We will contact you prior to the Summit to let you know if you are registered for the mixer.
<http://bit.ly/2pUL5ln>

Legend

	K-5
	K-8
	K-12
	Middle School
	Middle/High School
	High School
	Summit Attendees

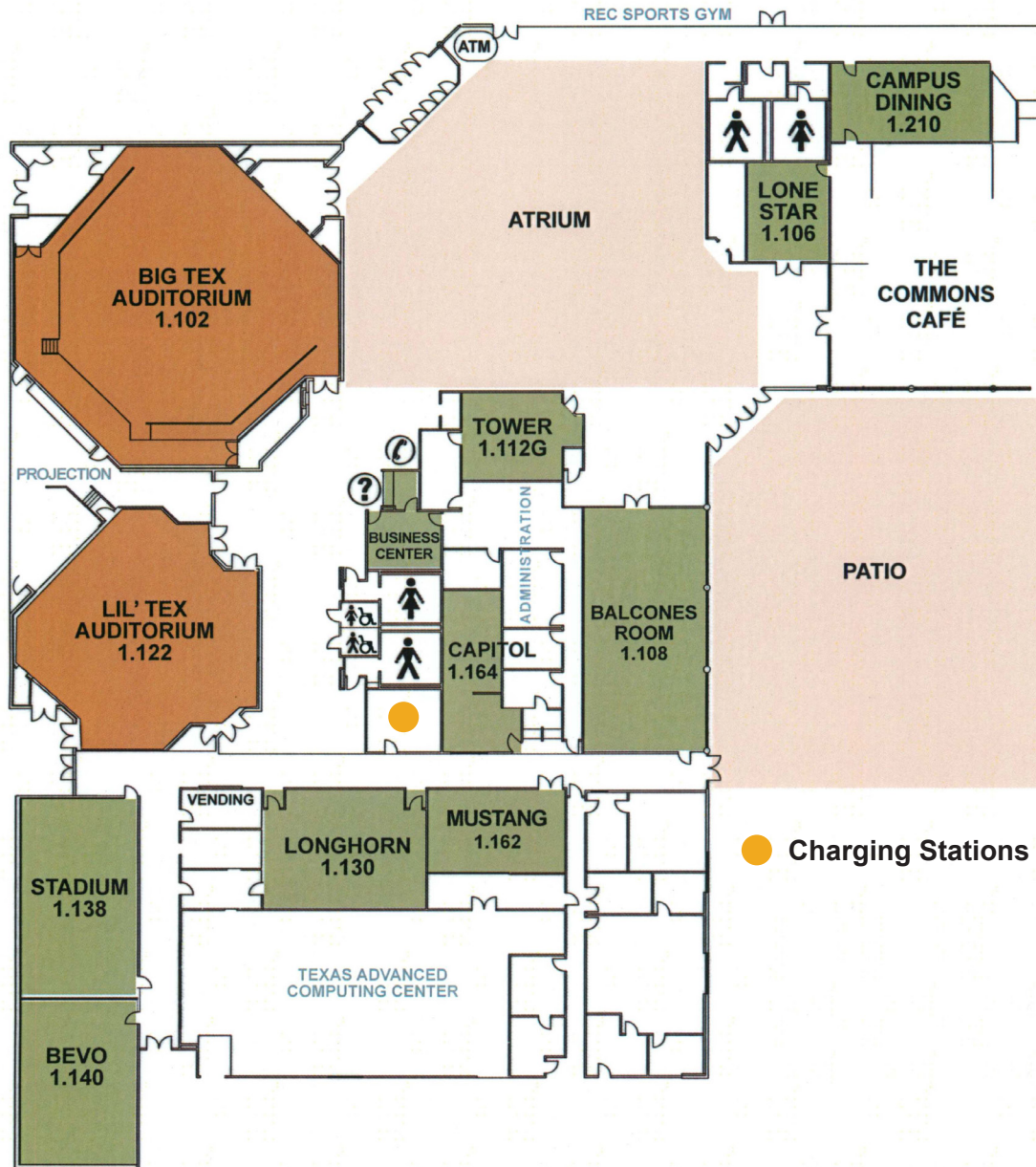
WTCS Change Maker and Mini-Grant Awards sponsored by



Break refreshments sponsored by



UT AUSTIN PICKLE RESEARCH CAMPUS Commons Learning Center Map



WeTeach_CS

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Center for STEM Education
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www.WeTeachCS.org



#wtcs2017

Sched

To access the detailed
schedule online version,
please visit:

<https://wtcs2017.sched.com>



Survey

To provide feedback on
the WTCS Summit at the
end of the conference,
please access the
following link:

<https://weteachcs.org/summit-survey>

