Sunday, July 12, 2015

1:00-5:00 pm  Conference Check-In

3:00-4:30 pm  Welcome and Networking Event  
   Location: TBD

CS4HS Reunion (By invitation only.)  
   Location: TBD

Workshops  
6:00-9:00 pm  Beauty and Joy of Computing (CS Principles) on edX: Dan Garcia, Tiffany Barnes, Sean Morris and Josh Paley  
   International 4

Embedding Computer Science in Science Classes--Grades 6-12: Page Prescott and Maureen Psaila-Dombrowski  
   St. Genevieve

The Internet and Creativity & Global Impact: Two Modules for the new AP CS Principles Course: Richard Kick, Andrew Kuemmel and Lien Diaz  
   Caprock

Media Computation in Python: Mark Guzdial and Barbara Ericson  
   Llano Estacado

Monday, July 13, 2015

8:00 am-4:00 pm  Conference Check-In  
   Windfall Dining Room

8:00-9:00 am  Breakfast for Workshop Attendees  
   Location: TBD

9:00 am-12:00 pm  Supplement Conventional Teaching with Online Google Tool: Afrin Naz, Amit, Deutsch, Shahed Mustafa and Dr. Mingyu Lu  
   Cross Timbers

Code.org’s K-5 Courses: Katherine Apone, Kiki Prottsman and Evelyn Zayas  
   Llano Estacado

CS Principles: Decoded—A Curriculum from Code.org: Baker Franke, Brook Osborne and Brenda Remess  
   Pheasant Ridge
Mobile Computer Science Principles: Teaching Computing Through Mobile Technology: Ralph Morelli, Chinma Uche, Pauline Lake and Rachel Martinich
Piney

Game Design as a STEAM Course: Gary Gongwer
Becker

12:00–4:00 pm  Exhibit Hall
Texas Grande Ballroom

12:00-1:00 pm  Luncheon: Texas Grande Ballroom

1:00-4:00 pm  Problem Based Learning in Computer Science: A Case Study in Robotics Camp: Joshua Block
Cross Timbers

Physical Computing Activities for the K-8 Classroom: Dylan Ryder
Llano Estacado

High School CS Breadth in Depth: CSP x ECS x APCS: Owen Astrachan, Gail Chapman and Don Yanek
Pheasant Ridge

Transition to Java Using Alice 3: Donald Slater and Wanda Dann
Cross Timbers

Data Visualization with R: Bimlesh Wadhwa
Becker

5:00-7:00pm  Monday Night Conference Event
Location: University of Texas at Dallas
Buses load at 4:30pm

Tuesday, July 14, 2015

7:30 am  Conference Check-In and Breakfast
Windfall Dining Room

7:00 am–3:00 pm  Exhibit Hall
Texas Grande Ballroom

8:30 am  Opening Keynote: Megan Smith - Invited
Texas Grande Ballroom

9:45 am  Break

Concurrent Sessions
10:00-11:00 am  Computer Science Principles Curricula: Owen Astrachan, Dan Garcia, Bennett Brown, Jeff Gray, Ralph Morelli, Nigamanth Sridhar and Baker Franke
Spicewood

Hands on Computing in K-8 Classrooms: Sheena Vaidyanathan
St. Genevieve

Teaching CS to Students with Learning Differences: Sarah Ciras
Cross Timbers

Out of Your Seat Comp Sci: Coding Using the Kinect: Doug Bergman
Becker

Sponsor Spotlight 1: TBD

Mini Sessions  

Findings of the CSTA Assessment Task Force: Aman Yadav, Padmaja Bandaru, David Burkhart, Daniel Moix and Eric Snow
CSTA Standards Crosswalk with ACM IT Learning Outcomes: Elizabeth Hawthorne, Cindy Tucker and Melanie Williamson
New Life for Old Hardware, A Teaching and Service Opportunity: Neil Plotnick  
Llano Estacado

Concurrent Sessions  
11:15 am-12:15 pm  
Introducing the CSP-POGIL Project: Tammy Pirmann and Brent Gray  
Spicewood

Using Minecraft in the MS to Teach Programming: Bob Irving  
St. Genevieve

Engaging Underrepresented Youth in Computer Science: Alexis Martin, Frieda McAlear, Dan Garcia, Jennifer Arguello, Tiffany Price and Omoju Miller  
Cross Timbers

CS Through Innovative Wearable Technologies: Stephanie Playton  
Becker

Computational Thinking: A Problem-Driven Approach: Gerard Rambally and Rodney Rambally  
Llano Estacado

Sponsor Spotlight 2: TBD

12:30–1:30 pm  
Lunch/Sponsor Panel: TBD  
Texas Grande Ballroom

1:30-2:30 pm  
Partners for a Path in K-12 Computer Science: Pat Youngpradit, Owen Astrachan, Gail Chapman, Joanna Goode, Emmanuel Schnazer, Kiki Prottsman and Irene Lee  
Spicewood

Blocks-based Programming Environments – A Toolbox for Many Occasions: Josh Sheldon, Judy Perry, Paul Medlock-Walton and Daniel Wendel  
St. Genevieve

Recruiting and Retaining Diverse Student Groups in New Mexico Computer Science for All: Maureen Psaila-Dombrowski, Lauren Curry, Jeremy Jensen and Vernetta Noble  
Cross Timbers

From Online Professional Development to Classroom Pedagogy: Working at the Nexus of Research: Aman Yadav, Sarah Gretter and Phil Sands  
Becker

Focusing on Problem-Centered Programming Instruction: Stephen Hughes and Philip East  
Llano Estacado

Sponsor Spotlight 3: TBD

2:30 pm  
Break

2:45-3:45 pm  
Spicewood

Pencil Code: Bridging Between Visual Blocks and Text-Based CS Education: David Bau, Cait Pickens and Matthew Dawson  
St. Genevieve

Changing Computing Education Policy in Your State: Renee Fall, W. Richards Adrion, Debra Richardson and Mark Guzdial  
Cross Timbers

Learning Computer Science Through Making: Laura Blankenship, Brie Daley and Ryan Barnes  
Becker
Sponsor Spotlight 4: TBD

Mini Sessions
- TEALS (Technology Education and Literacy in Schools): Michael Braun and Kevin Wang
- Effective Blended Learning in Computer Science: Kim Garcia
- GenCyber Summer Camps for High School Teachers and Students: Josh Pauli
  Llano Estacado

3:45 pm Break

4:00 pm Closing Keynote: GearBox: Randy Pitchford, Aaron Thibault and Jimmy Sieben
  Texas Grande Ballroom

5:00–6:00 pm Conference Wrap-up

Please note that this is a draft agenda as of January 2015. All sessions and workshops times, and locations are subject to change.