ACM CCECC Recommendations for Community College Educators

The ACM Committee for Computing Education in Community Colleges (CCECC) is pleased to recommend the following day-by-day Symposium Activities for two-year college educators.

Yellow highlight indicates CCECC presentation or event.
Wednesday, March 11, 2020 – Pre-Symposium Events

- 8:30am-7pm :: RESPECT (IEEE Conference on Research in Equity and Sustained Participation in Engineering, Computing, and Technology) :: Co-located conference, separate registration required (respect2020.stcbp.org)
- 8:30am-5pm :: Exploring Uses of Cloud Computing in the Computer Science Curriculum :: E141 https://whova.com/embedded/session/sigcs_202003/844764/?view=
- 8:30am-5pm :: Computing for Social Good in Education :: B110 https://whova.com/embedded/session/sigcs_202003/834754/?view=
- 8:30am-5pm :: Programming Quantum Computers: Tools and Techniques for the Undergraduate CSCI Faculty :: E145 https://whova.com/embedded/session/sigcs_202003/834757/?view=

Thursday, March 12, 2020

- 8:15-9:45am :: Welcome & Keynote by Dr. Juan E. Gilbert :: Portland Ballroom
- 9:30am-10:45am :: Break, Exhibits, & Demos :: Exhibit Hall E
- 10am-12pm :: Poster Session 1 :: Exhibit Hall E https://whova.com/embedded/session/sigcs_202003/834442/?view=
  - Poster #114: Curricular Guidance for Associate-Degree Cybersecurity Programs https://whova.com/embedded/subsession/sigcs_202003/834442/849384/
  - Poster #115: Integrate Global Sustainability Virtual Exchange Into Teaching Computer Science Concepts
- 10:45am-12pm :: Session 1B: Student Experiences :: D137 https://whova.com/embedded/session/sigcs_202003/834450/?view=
  - A Longitudinal View of Gender Balance in a Large Computer Science Program
  - Identifying the Prevalence of the Impostor Phenomenon Among Computer Science Students
  - A Multi-level Analysis of the Relationship between Instructional Practices and Retention in Computer Science
- 10:45am-12pm :: Session 1D: Learning A :: D133 https://whova.com/embedded/session/sigcs_202003/834446/?view=
  - Lessons Learned From Introducing Preteens in Parent-Led Homeschooling to Computational Thinking
  - Understanding Wikipedia as a Resource for Opportunistic Learning of Computing Concepts
  - TIPP&SEE: A Learning Strategy to Guide Students through Use → Modify Scratch Activities
10:45am-12pm :: Session 1K: RESET (Re-Enter STEM through Emerging Technology): Finding Re-Entry Pathways for Women :: Portland Ball Room 255
https://whova.com/embedded/session/sigcs_202003/834480/?view=

12pm-1:45pm :: CCECC Community College Lunch sponsored by ABET, Intel, Informatics Academy :: E143 :: RSVP required: https://bit.ly/2tyZpOR

1:45pm-3pm :: Lightning Talks Session 1 :: B115
https://whova.com/embedded/session/sigcs_202003/834439/?view=

1:45pm-3pm :: Session 2C: CS0 :: D135
https://whova.com/embedded/session/sigcs_202003/834498/?view=
  o Design Principles behind Beauty and Joy of Computing
  o CS 0: Culture and Coding
  o Introducing Computing to a Cohort of Incarcerated Youth

1:45pm-3pm :: Session 2F: Ethics & Academic Integrity :: B118
https://whova.com/embedded/session/sigcs_202003/834502/?view=
  o Teaching Academic Honesty in CS50
  o What Do We Teach When We Teach Tech Ethics? A Syllabi Analysis
  o Teaching Computer Ethics: A Deeply Multidisciplinary Approach

3pm-3:45pm :: Break, Exhibits, & Demos :: Exhibit Hall E

3:45pm-5pm :: Session 3A: Novice Programmer Behaviors :: E145
https://whova.com/embedded/session/sigcs_202003/834519/?view=
  o Exploring Novice Programmers' Homework Practices: Initial Observations of Information Seeking Behaviors
  o Sometimes It's Just Sloppiness - Studying Students' Programming Errors and Misconceptions
  o A Comparison of Two Pair Programming Configurations for Upper Elementary Students

3:45pm-5pm :: Session 3H: Assignments that Blend Ethics and Technology :: B113
https://whova.com/embedded/session/sigcs_202003/834543/?view=

5:30pm-6:20pm :: Birds of a Feather Flock A
https://whova.com/embedded/session/sigcs_202003/834431/?view=
  o BOF #10A: Broadening Participation in Computing: The Critical Role of Community Colleges :: D135

6:30pm-7:20pm :: Birds of a Feather Flock B
https://whova.com/embedded/session/sigcs_202003/834432/?view=
  o BOF #5B: Cybersecurity Across All Disciplines in 2020 :: B112

7:30pm-9:30pm :: SIGCSE Reception :: Oregon Ballroom
Friday, March 13, 2020

- 8:15-9:45am :: Welcome & Keynote by Professor Lauri Malmi :: Portland Ballroom
  https://whova.com/embedded/session/sigcs_202003/834443/?view=

- 9:30am-10:45am :: Break, Exhibits, & Demos :: Exhibit Hall E

- 10am-12pm :: Poster Session 2 :: Exhibit Hall E
  https://whova.com/embedded/session/sigcs_202003/834444/?view=

- 10:45am-12pm :: Session 4J: It Seemed Like a Good Idea at the Time (Hindsight is 2020) :: Portland Ball Room 252
  https://whova.com/embedded/session/sigcs_202003/834578/?view=

- 12pm-1:45pm Lunch on Your Own

- 1:45pm-3pm :: Session 5D: Exam Format :: D133
  https://whova.com/embedded/session/sigcs_202003/834593/?view=
  o Paper Or IDE? The Impact of Exam Format on Student Performance in a CS1 Course
  o The Reverse Exam: A Gamified Exam Structure to Motivate Studying and Reduce Anxiety
  o Inverted Two-Stage Exams for Prospective Learning: Using an Initial Group Stage to Incentivize Anticipation of Transfer

- 1:45pm-3pm :: Session 5E: Planning :: C120
  https://whova.com/embedded/session/sigcs_202003/834597/?view=
  o Applying the Design Process to Life Goals: An Experience Report from a Capstone Course
  o RadGrad: Removing the "Extra" from Extracurricular to Improve Student Engagement, Diversity, and Retention
  o Benefits and Pitfalls of Using Capture the Flag Games in University Courses

- 3pm-3:45pm :: Break, Exhibits, & Demos :: Exhibit Hall E

- 3pm-5pm :: Poster Session 3 :: Exhibit Hall E
  https://whova.com/embedded/session/sigcs_202003/834444/?view=

- 3:45pm-5pm :: Session 6A: Blocks :: E145
  https://whova.com/embedded/session/sigcs_202003/834614/?view=
  o Pythons and Martians and Finches, Oh My! Lessons Learned from a Mandatory 8th Grade Python Class
  o Dual-Modality Instruction and Learning: A Case Study in CS1
  o Cluster-Based Analysis of Novice Coding Misconceptions in Block-Based Programming

- 3:45pm-5pm :: Session 6L: NoSQL in Undergrad Courses is NoProblem :: Portland Ball Room 256
  https://whova.com/embedded/session/sigcs_202003/834646/?view=

- 6pm-7pm :: ACM CCECC Community College Reception sponsored by ABET, Intel, Informatics Academy :: Portland Prefunction

- 7:30pm-10pm :: Movie Screening: The Bit Player :: Portland Ballroom
Saturday, March 14, 2020

- 8:15-9:45am :: Welcome & Keynote by Dr. Valerie E. Taylor :: Portland Ballroom
- 9:30am-10:45am :: Break, Exhibits, & Demos :: Exhibit Hall E
- 10am-12pm :: Poster Session 4 :: Exhibit Hall E  
  https://whova.com/embedded/session/sigcs_202003/834445/?view=
- 10:45am-12pm :: Lightning Talks Session 2 :: B115  
  https://whova.com/embedded/session/sigcs_202003/834440/?view=
- 10:45am-12pm :: Session 7D: Security B :: D133  
  https://whova.com/embedded/session/sigcs_202003/834659/?view=
  - KYPO4INDUSTRY: A Testbed for Teaching Cybersecurity of Industrial Control Systems
  - A System for Visualizing the Process Address Space in the Context of Teaching Secure Coding in C
  - A Hands-On Cybersecurity Curriculum Using a Robotics Platform
- 10:45am-12pm :: Session 7J: Supporting Students from Underrepresented Groups to Succeed in Computing: Research and Programs in Community College :: Portland Ballroom 252  
  https://whova.com/embedded/session/sigcs_202003/834677/?view=
- 12pm-1:45pm :: SIGCSE Celebration Lunch :: Oregon Ballroom
- 1:45pm-3:00pm :: Nifty Assignments :: B115  
  - https://whova.com/embedded/session/sigcs_202003/834441/?view=