Highlights and Recommendations for Community College Educators at SIGCSE 2017 in Seattle, WA
Wednesday, March 8 – Saturday, March 11

The below highlights and recommendations are based on the Draft Program.

sigcse2017.sigcse.org

Stop by the ACM CCECC Booth

Exhibit Hall Booth #414: Come to the ACM Booth in the Exhibit Hall to talk with CCECC members!

Don't miss the Community College Reception sponsored by Intel!

Friday, March 10, 7:00 pm to 8:00 pm in the Diamond Room @ Sheraton. Visit with the ACM CCECC, enjoy dessert refreshments, win prizes, and most importantly, network with others interested in computing education at community colleges.

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 8, 2017

- Pre-Symposium event: POGIL in CS: Small Steps and Giant Leaps
- Pre-Symposium event: Aligning to the ACM Cybersecurity-infused Computer Science Transfer Curriculum, 1:30pm – 5pm
- Pre-Symposium event: POSSE Roundup – Student Participation in Humanitarian Open Source Software
- Workshop 101: GP: A General Purpose Blocks-Based Language
- Workshop 103: A Web-Based IDE for Teaching with Any Language
- Workshop 104: Increasing Student Interest in Data Structures Courses with Real-World Data and Visualizations Using BRIDGES
- Workshop 105: Using AppVis to build data-rich apps with MIT App Inventor
- Workshop 110: Peer Instruction in Practice

Thursday, March 9, 2017

- Paper: A Modern Wearable Devices Course for Computer Science Undergraduates
- Paper: Exposed! CS Faculty Caught Lecturing in Public: A Survey of Instructional Practices
- Paper: The Role of CS Departments in The US President's "CS for All" Initiative
- Paper: Security Injections@Towson: Integrating Secure Coding into Introductory Computer Science Courses

- **First Timer's Lunch**
- Panel: Increasing Diversity in the Face of Enrollment Increases
- Paper: Gamifying Course Modules for Entry Level Students
- Paper: From blocks to text and back: Programming patterns in a dual-modality environment
- Paper: Scenario-Based Inquiry for Engagement in General Education Computing
- Special Session: Computing in the Arts: Curricular Innovations and Results
- BOF: GitHub, Tutors, Relatives, and Friends: The Wide Web of Plagiarism
- BOF: Computer Science Curricular Guidelines for Associate-Degree Transfer Programs
- BOF: Building and Supporting a Community of CS Educators Teaching Cyber in 2017
- BOF: Surviving "Open-ended Projects" in Project-Based Learning: A Teacher's Perspective
- BOF: Building and Supporting a Community of CS Educators Teaching Cyber in 2017
- **SIGCSE Evening Reception**

Friday, March 4, 2016

- Poster: Broadening Participation Research Project: Exploring Computing Careers through a Virtual Career Exploration Fair Using Embodied Conversational Agents
- Poster: What Should Cybersecurity Students Learn in School? Results from Interviews with Cyber Professionals
- Poster: Should your college computer science program partner with a coding boot camp?
- Poster: Enhancing Cybersecurity Education Using POGIL
- Paper: Just the Numbers: An Investigation of Contextualization of Problems for Novice Programmers
- Paper: A Study of the Use of a Reflective Activity in Learning Software Design
- Panel: Computer Science Topics in First- and Second- Year Seminar Courses
- Paper: Using Undergraduate Teaching Assistants in Small Classes
- Paper: The Code Mangler: Evaluating Coding Ability Without Writing any Code
- Paper: Assessment of Introducing Algorithms with Video Lectures and Pseudocode Rhymed to a Melody
- Special Session: The Code of Ethics Quiz Show
- Poster: On the Integration of Big Data and Cloud Computing Topics
- Poster: Broadening Secure Mobile Software Development (SMSD) Through Curriculum
- Poster: Curricular Guidance for Associate-Degree Transfer Programs in Computer Science with Contemporary Cybersecurity Concepts
- Paper: Examining the Relationship Between Introductory Computing Course Experiences, Self-Efficacy, and Belonging Among First-Generation College Women
- Paper: A Pedagogical Analysis of Online Coding Tutorials
- Paper: Employing Retention of Flow to Improve Online Tutorials
- Special Session: The Passion, Beauty, and Joy of Teaching and Learning Cybersecurity
- **Community College Reception sponsored by Intel, 7pm-8pm, Diamond Room @ Sheraton**
- Workshop #306: Hands-On Cybersecurity Exercises That Are Easy to Access and Assess
- Workshop #307: Guiding Students to Discover CS Concepts and Develop Process Skills Using POGIL

Saturday, March 5, 2016

- Special Session: Nifty Assignments
- Paper: Successful First Year Experience for At-Risk Students
- Paper: Pencil Puzzles for Introductory Computer Science: an Experience- and Gender-Neutral Context
- Panel: CC2020: A Vision on Computing Curricula
- Panel: Technology We Can't Live Without!, revisited
- Special Session: ACM Joint Task Force on Cybersecurity Education
- **SIGCSE Luncheon**
- Workshop 401: Evidence Based Teaching Practices in CS
- Workshop 405: Creating Peer Grading Videos