Important Information for **Community College Educators** about SIGCSE 2015

Kansas City, MO, March 4-7 - sigcse2015.sigcse.org

Stop by the ACM Exhibitors Booth to enter to win a **Kindle Fire** or **Raspberry Pi**. Also come to **lunch** on **March 6 @ noon** to network with members of the ACM CCECC and other community college educators. RSVP ctang@acmccecc.org by **5:00 pm March 5** to reserve your seat at Friday’s lunch.

**Conference Registration Dates** - sigcse2015.sigcse.org/attendees/index.html#registering-for-sigcse-2015

Early registration closes **Sunday, February 1, 2015**

Online registration closes **Sunday, February 22, 2015**

On-site registration rates begin **Monday, February 23, 2015**

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<tr>
<th>Start Your Registration</th>
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<td>ACM/SIGCSE Professional Member: $285.00 [Details]</td>
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<td>Retired SIGCSE Member: $185.00 [Details]</td>
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<td>Non-member joining SIGCSE: (electronic copy of proceedings): $310.00 [Details]</td>
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<td>Non-member joining SIGCSE: (paper copy of proceedings): $330.00 [Details]</td>
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<td>Non-Member: $365.00</td>
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<td>ACM/SIGCSE Student Member: $60.00 [Details]</td>
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<td>Student Non-Member (full-time, bring proof to conference): $70.00 [Details]</td>
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<td>Saturday Only Option, for K-12 Teachers: $190.00</td>
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<td>Fri. &amp; Sat. Only Option, for K-12 Teachers: $150.00</td>
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<td>Exhibits Only: $75.00</td>
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**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.

** indicates CCECC highly recommends.

**Wednesday, March 4, 2015**

- Pre-Symposium event: [Git and GitHub: Foundations for Educators](#)
- Pre-Symposium event: [ACM SIGCAS Symposium on Computing for the Social Good: Educational Practices](#)
- Pre-Symposium event: [CSTeachingTips.org: Tip-A-Thon](#)
- Pre-Symposium event: [Teaching to Diversity in Computer Science](#)
- **Pre-Symposium event:** [Creating Cyber Science Learning Outcomes **](#)
- Workshop #1: [Teaching Computing Foundations To Non-majors](#)
- Workshop #3: [Teaching Computer Science Soft Skills](#)
- **Workshop #4:** [Seed Labs: Using Hands-on Lab Exercises For Computer Security Education **](#)
- Workshop #5: [Teaching Introductory Computer Science For A Diverse Student Body: Girls Who Code Style](#)
- Workshop #6: [Making Music With Computers: Creative Programming In Python](#)
- Workshop #7: [Intellectual Property Law Basics For Computer Science Instructors](#)

**SIGCSE 2015 Technical Symposium**
ACM CCECC Recommendations for Community College Educators

** indicates CCECC highly recommends; yellow highlight indicates CCECC presentation.

Thursday, March 5, 2015

- Plenary Session by Jessica Hodgins, VP, Disney Research and Professor, Carnegie Mellon University: [Educating for Both Art and Technology](#)
- Demo: [Blockly Language Creation and Applications: Visual Programming for Media Computation and Bluetooth Robotics Control](#)
- Paper on CS1: [Supporting Creativity and User Interaction in CS1 Homework Assignments](#)
- **Special Session:** [Tutorial: Concurrency with Alice 3 and Java](#)
- Lunch: [First Timer's Lunch](#)
- Paper on Block Languages: [DBsnap: Learning Database Queries by Snapping Blocks](#)
- Paper on Block Languages: [Scratch: A Way to Logo and Python](#)
- Paper on Student Engagement - Flipped Classroom: [Beyond the Flipped Classroom: Learning by Doing through Challenges and Hack-a-thons](#)
- **Papers on Gender & Diversity:** [An Effective Alternative to the Grace Hopper Celebration](#)
- **Special Session:** [Curricular Assessment: Tips and Techniques](#)
- **Birds-of-a-Feather:** [Updating the ACM/IEEE 2008 Curriculum in Information Technology](#)
- **Birds-of-a-Feather:** [Process Oriented Guided Inquiry Learning (POGIL) in Computer Science](#)
- **Birds-of-a-Feather:** [A Town Meeting: SIGCSE Committee on Expanding the Women-in-Computing Community](#)
- **Birds-of-a-Feather:** [Teaching Security Using Hands-on Exercises in 2015](#)
- **Birds-of-a-Feather:** [Creating Learning Assessment Tools for Cybersecurity Education](#)
- **Birds-of-a-Feather:** [Automatically Generated Feedback for CS Student Work: Best Practices](#)
- **Birds-of-a-Feather:** [Mapping Alice Curriculum to Standards](#)
- **Birds-of-a-Feather:** [Resources And Strategies for Flipped Classrooms](#)
- **Birds-of-a-Feather:** [Student Contributions to Humanitarian Free and Open Source Software (HFOSS)](#)
- **Birds-of-a-Feather:** [Perspectives on How Computer Science Curricula 2013 Influences Two-year College Programs]**
ACM CCECC Recommendations for Community College Educators

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Friday, March 6, 2015

- **Lunch On Your Own:** Network with the ACM CCECC and other community college educators over lunch at a local venue. RSVP to Cara - ctang@acmccecc.org - by 5:00 pm Thurs., March 5.
- Demo: **EngageCsedu: CS1 and CS2 Materials for Engaging and Retaining Undergraduate CS Students**
- Demo: **Exploring Computer Science Topics with Programmable Smartwatches**
- **Poster:** Correlating ACM Core IT Learning Outcomes with Associate Degree and Certificate Programs
- **Poster:** Security Injections 2.0: Using Segmentation, Instant-feedback, and Auto-grading to Enhance Secure Coding Modules for Lower-level Programming Courses
- **Poster:** Using POGIL Activities to Teach CS Principles to Diverse Students
- **Poster:** Student Discovery of Network Security Ethics
- Poster: Creating New Languages in Blockly: Two Case Studies in Media Computation and Robotics
- Poster: Summer Programming Boot Camp: A Strategy for Retaining Women in IT
- Poster: Integrating Cutting Edge Devices to Increase Student Retention in Programming
- Poster: E-Assess: A Web-based Tool for Coordinating and Managing Program Assessment
- Poster: CS2013 Assessment Exam
- Poster: Culturally Responsive Computing: An In-depth Examination of Practices and Outcomes in CompuGirls
- Poster: "Maker Innovators": A Workshop for Youth Creating Responsive and Wearable Game Interfaces with Tangible and Digital Construction Toolkits
- Poster: Integrating Mobile Computing and Security into a Computer Science Curriculum
- **Panel:** Using App Inventor in Introductory CS Courses
- **Paper on Soft Skills:** Using a Message Board as a Teaching Tool in an Introductory Cybersecurity Course
- Paper on Student Engagement/Active Learning: Generating Practice Questions as a Preparation Strategy for Introductory Programming Exams
- Paper on Cloud Computing: Teaching Cybersecurity Analysis Skills in the Cloud
- Paper on Virtualization: MC-Live: A Portable Computing Environment for Computer Science Students
- Paper on Virtualization: Teaching Virtualization by Building a Hypervisor
- **Paper on Testing:** Can the Security Mindset Make Students Better Testers?
- **Special Session:** Perspectives On Adopting and Facilitating Guided Inquiry Learning
- Workshop #8: A Swift Introduction to Swift App Development
- Workshop #10: Using Pencil Code to Bridge The Gap Between Visual and Text-based Coding
- Workshop #16: Steal This Courseware
- Workshop #18: Augmenting Introductory Computer Science Classes With Gamemaker and Mobile Apps
- Workshop #19: Infusing Cooperative Learning Into Early Computer Science Courses To Support Improved Engagement

**SICGSE 2015 Technical Symposium**
ACM CCECC Recommendations for Community College Educators

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Saturday, March 7, 2015

- Affiliated Event: App Inventor Breakfast
- Luncheon: Keith Hampton, Rutgers University
- Demo: JavaTutor: An Intelligent Tutoring System that Adapts to Cognitive and Affective States During Computer Programming
- Demo: Mist - The Mathematical Image Synthesis Toolkit
- Special Session: The CS Concept Inventory Quiz Show
- Special Session: Nifty Assignments
- Workshop #21: Teaching Computing With Processing, The Bridge Between High School and College
- Workshop #25: Building Code Magnet Labs for Tablets and Other Devices
- ** Workshop #26: Introducing Secure Coding in CS0, CS1, and CS2 **