## 2013 Midwest Conference Schedule
### September 20th and 21st – The University of Findlay – Findlay, Ohio

**Friday, September 20th, 2013**

<table>
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<th>Time</th>
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| 9:00 am – 12:00 pm | **Pre-Conference Workshop:** INTRODUCTION TO THE PYTHON PROGRAMMING LANGUAGE  
Heda Samimi (Davis 196) |
| 11:00 am – 4:00 pm | **Registration** (Davis Lobby West)                                      |
| 1:00 pm – 1:15 pm  | **Conference Opening** (Old Main - Ritz Auditorium)                     |
| 1:15 pm – 2:00 pm  | **Keynote Address:** HOW SHOULD YOUNG CHILDREN APPROACH PROGRAMMING?  
David Touretzky (Old Main - Ritz Auditorium) |
| 2:15 – 3:45 pm    | **Concurrent Session I**                                                 |
| Paper Session   | Chair - David Largent                                                   |
| Design and Implementation of an International Computer Science Capstone Course | Robert Adams, Carsten Kleiner                                            |
| Experiences Teaching Mixed Mode Systems Administration Courses Using Decentralized Virtual Machines | Michael Ruth                                                             |
| A Single Semester Web Programming Course Model | Robert Dugan                                                          |
| 3:45 – 4:15 pm   | **Break** (Davis Lobby West)                                            |
| 3:45 – 5:45 pm   | **Student Posters** (Davis Lobby West/1st Floor Hallway) Chair – Kent Palmer, David Largent |
| 4:15 – 5:45 pm   | **Concurrent Session II**                                               |
| Paper Session   | (Davis 2225) Chair – John Minor Ross                                    |
| Student Attendance Reporting Prototype Using SQL | Courtney Humphries, Dawn Wilkins                                         |
| Drawing and Understanding Recursive Functions | Gregory Weber                                                            |
| Unified Extensible Firmware Interface (UEFI) and Secure Boot: Promise and Pitfalls | George Bricker                                                        |
| 6:00 pm – 7:00 pm | **Dinner** (Virginia B. Gardner Fine Arts Pavilion – Mazza Museum)      |
| 7:00 pm – 7:45 pm | **Banquet Address:** PUTTING THE SCIENCE IN COMPUTER SCIENCE  
C. Matthew Curtin (Old Main - Ritz Auditorium) |
| 8:00 pm – 8:30 pm | **CCSC Midwest Region Business Meeting** (Old Main - Ritz Auditorium) |
| 8:30 pm – 9:00 pm | **CCSC Midwest Region Steering Committee Meeting** (Old Main Classroom) |
| 8:00 pm – 10:45 pm | **Student Programming Competition Practice Session** (Old Main 215 / Old Main 309) |

**Tutorial** (Davis 1121)  
- Short Modules for Introducing Parallel Concepts  
  David Bunde

**Tutorial** (Davis 1196)  
- Using the New JGRASP Canvas of Dynamic Viewers for Program Understanding and Debugging in Java Courses  
  James Cross

**Tutorial** (Davis 1129)  
- A Hybrid Approach to Applying Mathematical Reasoning in Computer Science Courses  
  Joan Krone, Joe Hollingsworth
### Saturday, September 21st, 2013

**7:30 am – 8:30 am**  
**Continental Breakfast** (Davis Lobby West)

**8:00 am - 12:00 pm**  
**Student Programming Contest** (Old Main 215 / Old Main 309)

**8:30 am – 10:00 am**  
**Concurrent Session III**

| **Paper Session**  
(Davis 2225) | **Panel**  
(Davis 1121) | **Works In Progress**  
(Davis 1129) |
|----------------|---------------|------------------|
| Chair – Jeff Lehman  
**USING AUDIO INTRODUCTIONS TO IMPROVE PROGRAMMING AND ORAL SKILLS IN CS0 STUDENTS**  
Brian Kokensparger, David Brooks  
**AUTOMATED RECOGNITION OF COGNITIVE IMPAIRMENTS**  
Mark Hodges  
**FLIPPING A LARGE CS0 COURSE: AN EXPERIENCE REPORT ABOUT EXPLORING THE USE OF VIDEO, CLICKERS AND ACTIVE LEARNING**  
David Largent | **GOOD DOC, BAD DOC (TEACHING EFFECTIVE DOCUMENTATION IN PROGRAMMING COURSES)**  
Craig Gunnett (moderator)  
Helen Schneider  
Robert Green | **Chair – Scott Anderson  
Use of LiveCode in CS0**  
Kent Palmer |

| 10:00 am - 10:15 am | **Break** (Davis Lobby West)  
10:15 am – 11:45 pm | **Concurrent Session IV** |
|-----------------|-----------------|-------------------|
| **Tutorial**  
(Davis 1121) | **Panel**  
(Davis 2225) | **Nifty Assignments**  
(Davis 1129) |
| **GOING PARALLEL WITH C++11**  
Joe Hummel | **HOW DO WE KNOW OUR STUDENTS HAVE LEARNED THE BS OUTCOMES? -- AN OVERVIEW OF ASSESSMENT, ACCREDITATION, THE MODEL CURRICULA, AND CERTIFICATION -- IN INFORMATION SYSTEMS AND IN COMPUTER SCIENCE**  
Terry Linkletter (moderator)  
John Whitehouse | **Chair – Cyrus Grant  
Bubble Fountain with Wandering Black Hole**  
Andrew Mertz & Nancy Van Cleave  
**Who Needs Clickers?**  
Mark Hall  
**Using Medical Infusion Pumps as a Computer Programming Design Problem**  
George Bricker |

| 12:00 pm – 1:00 pm | **Lunch** (Gardner Fine Arts Pavilion – Mazza Museum)  
1:00 pm – 2:00 pm | **CCSC:MW 2014 Conference Planning** (Virginia B. Gardner Fine Arts Pavilion – Great Hall)  
1:00 pm – 4:00 pm | **Post-Conference Workshop:** **EASY AS PI: AN INEXPENSIVE PLATFORM FOR MACHINE LANGUAGE INSTRUCTION**  
William Hooper (Davis 196)  
**K-12 Session:** **SCRATCH + MICROSOFT XBOX KINECT: A MAGICAL COMBINATION**  
Victor Norman (Old Main 215) |

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The CCSC Midwest Conference Committee would like to thank our National Partners  
(the National Science Foundation, and Turing's Craft)  
for their continued support of our activities and UPE for student prizes

We would like to thank the ACM Special Interest Group in Computer Science Education for providing support for Dr. Touretzky to present our keynote address “How Should Young Children Approach Programming?”  
This talk is based on work originally presented at SIGCSE 2013.