

**Consortium for Computing
Sciences in
Colleges**

Central Plains Conference

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In conjunction with



sigcse



Dr. Tim DeClue, Chair
Department of Computer Information Science
Southwest Baptist University
1600

**15th
Consortium for
Computing
Sciences in
Colleges**

Central Plains Conference

**2009
Program
April 3 & 4**

Bolivar, Missouri

FRIDAY

9:00-12:00
Pre-Conference Workshop
Computer Science Unplugged
Thomas Cortina, Carnegie-Melon University

1:00-2:00
Keynote Address
The Software Lifecycle at Intel
Jeff Jackson
Intel Corporation

TRACK ONE TRACK TWO TRACK THREE

2:10-3:10

<p>A Student-Designed Language as a Multicourse Project: Enabling Students to Construct Connections <i>Scott Sigman & Carol Browning, Drury University</i></p>	<p>Nifty Assignments: A Low-Cost Multiprocessor for Student Experimentation <i>Chuck Pheatt, Emporia State University</i></p>	<p>Vender Presentation</p>
<p>A Theory of Attrition in Computer Science Education Which Explores the Effect of Learning Theory, Gender and Context <i>Tim DeClue, Southwest Baptist University</i></p>	<p>A Javascript Bouncing Ball Animation <i>Jamil Saquer, Missouri State University</i></p>	

3:15-3:45
Break-Networking-Vendors

3:50-4:50

<p>Discovering More Properties of the Fibonacci Sequence <i>John Trono, Saint Michael's College</i></p>	<p>Workshop: Use Bootable Linux CD to Teach Parallel and Computing Concepts <i>Baochuan Lu, Southwest Baptist University</i></p>	<p>Vender Presentation</p>
<p>Using Recursion to Solve the Pill Problem <i>Keith Brandt & Kaleb Waite, Rockhurst University</i></p>		

3:15-3:45
Break-Networking-Vendors

5:15-6:15

<p>Using Visualization to Teach Security <i>Wayne Brown & Dino Schweitzer, United States Air Force Academy</i></p>	<p>Workshop: Assessing Students' Values for Science & Math Education: What's Valuable About Computer Science? <i>Scott Sigman, Don Deeds & Bruce Callen, Drury University</i></p>	<p>Vender Presentation</p>
<p>Operating Systems On a Stick <i>Eric Shade, Missouri State University</i></p>		

6:30-8:30
BANQUET
Speaker: Larry Dablemont, Naturalist & Author

SATURDAY

8:00-8:30
CONTINENTAL BREAKFAST

8:30-9:30

<p>Computer Programming in Middle School <i>Scott Bell, Phil Heeler & Linda Heeler, Northwest Missouri State University</i></p>	<p>Workshop: What's This XNA Thing I Keep Hearing About? <i>Ernest Ferguson, Northwest Missouri State University</i></p>	<p>Student Web Site Contest</p>
<p>Introduction to Computing: A Fresh Breadth of Disciplines <i>Kian L. Pokorny, McKendree University</i></p>		

9:35-9:55
Break-Networking-Vendors

10:00-11:00

<p>Size Matters: Lessons From a Broken Binary Search <i>Eric Shade, Missouri State University</i></p>	<p>Workshop: A Comparison of Three Educational Robots <i>Tim DeClue, Southwest Baptist University</i> <i>Phil Heeler, Northwest Missouri State University</i> <i>Scott Sigman, Drury University</i></p>	<p>Student Web Site Contest</p>
<p>Integrating Antipatterns Into the Computer Science Curriculum <i>Chuck Pheatt, Emporia State University & Jason Rogers, Motorola Incorporated</i></p>		

11:00-11:40
Break-Networking-Poster Sessions

11:45-12:45

<p>Information Technology Approach in Computer Science to Accommodate Workforce Needs <i>Bijan Mashaw, California State University, East Bay</i></p>	<p>Panel: K-12 Computer Science Certification</p>	<p>Student Web Site Contest</p>
<p>Multidisciplinary Informatics: A Primer for Graduate Level Course Development <i>John Buerck, Patricia Bagsby, Lee McDurmont & Jody Smith, Saint Louis University</i></p>		

1:00-1:50
Luncheon & Business Meeting

2:00-6:00
Student Programming Contest