

## 27<sup>th</sup> Annual CCSC Rocky Mountain Conference Program



Friday October 12, 2018

<p><b>1:00 - 2:00</b></p>	<p><b>Introductions and Keynote Address</b> <span style="float: right;"><b>Room: Cramer 203</b></span>  Welcome: Site Chair- Dr. Jun Zheng, Associate Professor, Computer Science and Engineering  Keynote: Dr. Rita Kuo: Games for Educational Purpose - MEGA World and Trading Card Game.</p>	
<p><b>2:00 - 2:15</b></p>	<p>Break</p>	
<p><b>2:15 - 3:15</b></p>	<p><b>Room: MSEC 101</b></p> <p><b>McDonald</b>, Comparing Python and WordPress Assignments on a Raspberry Pi</p> <p><b>Bell, Rogers, Linville, &amp; Cline</b>, Building a K-12 Community of Practice</p>	<p><b>Room: MSEC 105</b></p> <p><b>Fischer &amp; Sudarshan</b>, Introduction to Jetstream - Tutorial</p>
<p><b>2:15 - 3:15</b></p>	<p><b>Room: MSEC 103</b></p> <p><b>Lotfy &amp; Pyatt</b>, A Two-Course Web Application Development Sequence Covering the LAMP and MEAN Stacks</p> <p><b>Lotfy &amp; Pyatt</b>, Introducing the MEAN Stack: A Web Application Development Second Course</p>	
<p><b>3:15 - 3:30</b></p>	<p>Break</p>	
<p><b>3:30 - 4:30</b></p>	<p><b>Room: MSEC 101</b></p> <p><b>Urman &amp; Blumenthal</b>, An Undergraduate Ethics Course for Promoting Common Good Computing: A Progress Report</p> <p><b>Assiter</b>, Experiences Teaching a Social and Ethical Aspects of Computer Science Course to Students with Learning Differences (Ld, Adhd, Asd)</p>	<p><b>Room: MSEC 105</b></p> <p><b>Bartholomew</b>, Digital Marketing Teaching Strategies with Google Analytics and Related Tools - Tutorial</p>

**3:30 - 4:30**

<p><b>Room: MSEC 103</b></p> <p><b>Church, Shank, Lee, Compton, &amp; Conklin, Peay</b>Notes: A Generic Web-based Patient Clinical Notes Sharing System for Health Care Professionals</p> <p><b>Pinto, Wei, &amp; Alkada</b>, Health Care AI: Predicting Breast Cancer with Machine Learning</p>	
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**4:45 – 5:30**

Rocky Mountain Region Business Meeting (All are Welcome to Attend) – <b>MSEC 101</b>
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**6:00 – 8:30**

Dinner and Networking— <b>Bodega Restaurant (Across the street from Econo Lodge Hotel)</b>
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**Saturday October 13, 2018**

<p><b>9:00 - 10:15</b></p>	<p><b>Room: MSEC 101</b></p> <p><b>Lindoo</b>, Back to the Basics. In an Effort to Improve Student Retention in Intro to Programming Classes</p> <p><b>Trono</b>, CS1 Programming Assignments that Can Help to Increase Awareness of Cybersecurity Issues</p> <p><b>Sanati-Mehrizi, Parkinson, &amp; Minaie</b>, Integration of Data Mining Course in Computer Science Curriculum</p>	<p><b>Room: MSEC 103</b></p> <p><b>Lotfy &amp; Pyatt</b>, The MEAN Stack Web Application Development Platform - Tutorial</p>
<p><b>10:15 - 10:30</b></p>	<p>Break</p>	
<p><b>10:30 - 11:45</b></p>	<p><b>Room: MSEC 101</b></p> <p><b>Teresco</b>, Graph Traversals and Spanning Trees Using METAL Highway Data and Visualizations</p> <p><b>Anthony &amp; Cantu Jr.</b>, Modernizing the Mythical Man-Month</p> <p><b>Alhazmi &amp; Semwal</b>, Linear Time Exact Euclidean Distance Transform in 3D Slicer</p>	<p><b>Room: MSEC 103</b></p> <p><b>Eickholt, Seeling, Gandy, Cole, &amp; Johnson</b>, Confronting Barriers to Active Learning in Computer Science through Technology, Community and Culture - Tutorial</p>
<p><b>10:30 - 11:45</b></p>	<p><b>Room: MSEC 105</b></p> <p><b>Chun</b>, Cloud computing and Running your code on Google Cloud - Workshop</p>	
<p><b>Noon</b></p>	<p><b>Room: MSEC 101</b></p> <p>Lunch and Travel home or have fun in New Mexico —Box Lunches</p>	

**Registration Room Friday, Oct 12 – Room: Cramer 203, Saturday, Oct 13- Room MSEC 101**