

Juxtopia Urban Learning Technology (JULT) 2010 Conference, December, 8, 2010  
 Morgan State University | University Student Center | 1700 E. Cold Spring Lane | Baltimore, Maryland | USA

December 8<sup>th</sup> 8:00am-5:00pm


Time	<b>JULT2010 Kick-Off</b> (The Calvin and Tina Tyler Ballroom C)		
8:00	<b>Registration and Breakfast</b>		
8:30-9:00	<b>Welcome</b> <ul style="list-style-type: none"> <li>Introduction: <b>TBD</b>, Manager of Ceremony.</li> <li>Welcome JULT2010 Conference Committee: <b>Dr. Jayfus Doswell</b>, Conference Director.</li> </ul>		
9:00-9:30	 <p><b>Keynote Speaker</b>  <i>"Take Control. Create Your Destiny"</i>  <b>Dr. Patricia Young</b> is an educator, consultant and researcher committed to bringing innovative learning design solutions to business, industry, government and schools. Dr. Young is an Associate Professor in Literacy Education at the University of Maryland Baltimore County.</p>		
	<b>Mobile and the Cloud</b> (RM: 212B)	<b>Video Games and Simulations</b> (RM: 212B)	<b>Workshop</b> (The Calvin and Tina Tyler Ballroom C)
9:40-11:50	<b>Enhancing STEM Learning with Clickers, Tegrity, and Blackboard:</b> <b>Carmelle Rogers, Ph.D., Tatiana, Ph.D., Coppin State University</b>	<b>NASA, Space Operations Learning Center (SOLC) – A Web Site for Kids to Learn about Space Using Video and Challenging Interactive Simulations:</b> <b>Stephanie Crowell, NASA Goddard Space Flight Center</b>	<b>Effective Project Planning for R&amp;D Research</b> <b>Angela Dingle, Ex Nihilo Management, LLC</b>
	<b>Moodle, An Open Source Learning Management System:</b> <b>Andrew Ryan, Ph.D., University of the District of Columbia Center for Academic Technology</b>	<b>Design and Analysis of Electrical Circuits in a Mixed Reality Environment:</b> <b>Sachin Shetty, Ph.D., Tennessee State University Department of Electrical and Computer Engineering</b>	
	<b>Online Tutoring Services:</b> <b>Raynard Bolling, Bolling, Inc.</b>	<b>Using Figure Canons &amp; 3D Modeling to Tech Students to Reason about Mathematical Proportions:</b> <b>Nick Flor, Ph.D., University of New Mexico, Interdisciplinary Film &amp; Digital Media Program</b>	



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	<p><b>Exploring the Use of Hip-Hop and Sports Themes to Aid in College Mathematics for Black Student Athletes:</b> Kinnis Gosha, Juan Gilbert, Ph.D., Clemson University</p>	<p><b>Cultural Based Video Game for Teaching Algebra I:</b> Lynn Patterson, Ph.D., Frederick Douglass High School, Baltimore City Public Schools</p>	
	<p><b>Teaching Effectiveness in Freshman Chemistry:</b> Joseph M. Okoh, Ph.D., Jennifer Hearne, Ph.D., University of Maryland Eastern Shore</p>	<p><b>Improving STEM Learning with the Learning Game Finder:</b> Kathleen Austin, Ph.D., Simulations &amp; Digital Entertainment Program, Yale Gordon College of Liberal Arts</p>	
	<p><b>Higher Education Marketing in the Online Space:</b> Lester Jones, University of Baltimore</p>	<p><b>Cultural Animation with the Alice System and the Cultural Limitations of its Character Library: An Overview of the Jamaican Urban University Experience:</b> Ashley Hamilton-Taylor, Ph.D., University of West Indies, Mona Jamaica</p>	
	<p><b>Innovative Uses of Available Infrastructure to Distribute Urban Learning Technology:</b> Joseph Bowman, Ph.D., Celia Rouse, Center for Urban Youth Technology</p>		
	<p><b>Lowering the Cost of Failure for Remedial Courses:</b> Burck Smith, American Enterprise Institute for Public Policy Research</p>		

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<b>Lunch and Networking</b> (The Calvin and Tina Tyler Ballroom C)			
<b>12:00-1:00</b>	Lunch will be served in the MSU Student Center Ballroom. The Honorable Congressman Cummings will introduce the JULT Luncheon Speaker.		
		<b>JULT Distinguished Luncheon Speaker, Nona Minnifield Cheeks</b> leads the Innovative Partnerships Program Office (IPPO) at NASA's Goddard Space Flight Center. The primary goal of the IPPO is to identify technology opportunities that support NASA' missions and to find broader applications of Goddard sponsored technology developments beyond NASA use. Under Nona's direction, the IPPO works with individuals at NASA, industry, academia, and other government agencies regarding new technology applications and partnerships. Her staff is responsible for planning activities that emphasize technology transfer opportunities and successes.	
	<b>Problem Based Learning with Engineering and Technology</b> (RM: 212A)	<b>Product Based Learning and Entrepreneurship</b> (RM: 212B)	<b>Workshop</b> (The Calvin and Tina Tyler Ballroom C)
1:15-2:35	<b>Design by Simulation of a High-Efficiency Multi-Junction Solar Cell:</b> Jamal Uddin, Ph.D., Department of Chemistry, Coppin State University	<b>Voyage of Exploration:</b> Sandra Parker, The Living Classrooms Foundation	<b>Product Based Funding for Innovative Technology:</b> Jayfus T. Doswell, The Juxtopia Group, Inc
	<b>Institute Nanoscale Technology and Youth: Student STEM Empowerment through Nanoscale Sciences:</b> Joseph Bowman, Ph.D., Celia Rouse, Center for Urban Youth Technology	<b>Voice Field Medical Card for a Battlefield Environment:</b> Jihad Ashkar, Department of Computer Science, Bowie State University	
	<b>Minority Undergraduate Student Training and Mentoring in Biomedical Sciences:</b> Jennifer L. Hearne, Ph.D., Joseph M. Okoh, Ph.D., University of Maryland Eastern Shore	<b>Developing a Wearable Operating System</b> Olufemi Ologhobo, Department of Electrical Engineering at Morgan State University	
	<b>Investigating the Digital Divide in Two Baltimore City Schools to Enhance Community Involvement:</b> Stephanie A. Flores-Koulish, Ph.D., Heather Dark, Loyola University School of Education	<b>Creating Collaborative Environments for Workforce Entrepreneurship Skills Development:</b> Joseph Bowman, Ph.D., Celia Rouse, Center for Urban Youth Technology	



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	<b>JULT Theater</b> (The Calvin and Tina Tyler Ballroom C)	<b>Panel</b> (RM: 212B)	<b>Workshop</b> (RM: 212A)
2:35-4:50	<b>Wearable Augmented Reality for Learning and Assistance</b>  Jayfus T. Doswell, Ph.D., <i>A Product Based Augmented Reality Platform for On-Demand Assistance and Learning</i> , Juxtopia, LLC	<b>Urban Space Entrepreneurship: Allen Herbert, Ken Harvey, Jayfus Doswell, Alex Askew, JAKA Consulting, Juxtopia, LLC, Askew Energy</b>	<b>Visual Computer Programming with ALICE &amp; Scratch</b> <b>Leshell Hatley, Uplift, Inc. - Center for Learning and Educational Media</b> with Dr. Ashley Hamilton-Taylor and Robert Holder, III
	Kenneth Wilson, M.D., Wayne Debeatham, M.D., Omar Danner, M.D., Leslie R. Matthews, M.D, <i>A Human Cadaver Model and Augmented Reality Combined Can Educate Novices in the Performance of Medical Tasks with Minimal Psychomotor Familiarization</i> , Morehouse School of Medicine	<b>Tech Transfer at HBCU and Minority Serving Institution Entrepreneurship: Omar Muhammad, et. al. Entrepreneurship Development and Assistance Center (EDAC)</b>	
	Adeboye Sofolahan, Femi Ologhobo, Rafiq Flucas, Benjamin Hall, Harvel Smith, Ojai Mallory , Charles Griffin, Johnita Beasley, Corey Dickens, Ph.D., <i>A Wearable Augmented Reality Product for improving Emergency Medical First Response and Training</i> , Morgan State University		
	Jihad Ashkar, <i>Developing a Voice Field Medical Card for a Battlefield Environment for Augmented Reality Headsets</i> , Bowie State University Department of Computer Science, DSbyte		
	Kamini Balaji, Peter Kazanzides, Ph.D. , Jayfus Doswell, Ph.D., <i>Wearable Intelligent Navigation System for Surgery (WINSS): For Brain Tumor</i>		



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	<b>Removal</b> , Juxtopia, LLC, Johns Hopkins University Center for Computer-Integrated Surgical Systems and Technology		
	Maia Anderson, Ph.D, <b>Wearable Augmented-Reality Nursing Trainer</b> , Sojourner Douglass College, School of Nursing.		
	Keith Hargrove, Ph.D., Chantel Jones, John Drew, <b>A Survey of Augmented Reality Applications in Building Assessment, Construction, Inspection, and Renovation: An Opportunity for Building Efficiency</b> , Tennessee State University		
	Adeboye Sofolahan, Cynthia Warrick, Andre McKinney, <b>A Wearable Augmented Reality Product for Aircraft Maintenance Assistance and Training</b> , Morgan State University Department of Electrical Engineering, Morgan State University Department of Industrial Engineering, Stronghold Security		
	Yun Liu, Ph.D., <b>A Wearable Augmented Reality Product for improving Robotic and Algebra Understanding</b> , Baltimore City Community College		
<b>JULT-2010 Ends</b>			

*\*Schedule subject to change due speaker changes until day of Conference.*