

The Massachusetts College of Liberal Arts Annual Educational Technology Learning Institute: *TechPraxis2009* March 19 & 20

Goal: Engage K-12 school administrators, staff, and teachers in new knowledge, hands-on experiences, and discussions about developing, implementing, and supporting technology integration and use in curriculum, assessment, and leadership within schools.

Audience: Teachers, specialists, curriculum coordinators, support staff, principals, and superintendents

Professional Development Points (PDP): For each day attended, participants will receive 7.5 PDPs, 15 total for two days attendance. A certificate will be issued.

Website: http://www.mcla.edu/About_MCLA/Community/bwli/

Registration: \$25, waived for BWLI schools; onsite available and online registration is at <http://techpraxis2009.eventbrite.com/>

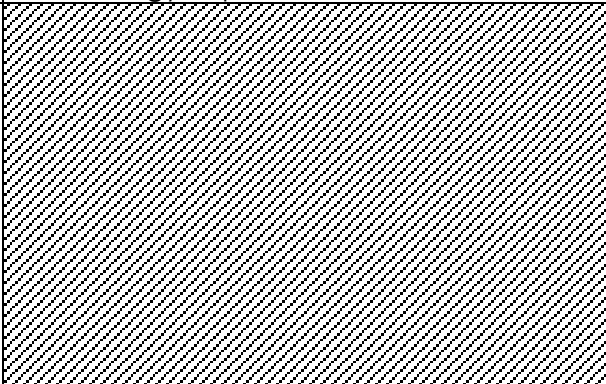
Transportation: A shuttle van will run participants between Pittsfield and MCLA. Onsite parking available at no charge.

Keynote Speaker Biographies: Cliff Konold, Ph.D., is Director of the Scientific Reasoning Research Institute at the University of Massachusetts Amherst. A psychologist by training, he studies how people reason and learn about chance and data, and applies this research to the design of educational materials and software. He led the team that created the educational data-analysis tool TinkerPlots, which he continues to develop with grants from the National Science Foundation. For the past three years, he has been working in a public school in Holyoke, MA, with students aged 12 to 14 trying to teach them something and then figuring out what they really learned.

Linda Mabry, Ph.D., is Professor of Educational Psychology in the Department of Teaching and Learning at Washington State University Vancouver. Dr. Mabry began her career as a public elementary school teacher in a high-poverty, racially mixed elementary school in the Houston metropolitan area. Wanting to provide more differentiated instruction, she began to study the use of technology in the classroom and earned a master's degree in computer-assisted instruction at the University of Illinois. She stayed on for a doctoral degree, specializing in research methodology, the evaluation of educational and social programs, and the assessment of student achievement.

Her research has focused on teacher-developed and state-mandated systems for assessing student achievement, state and national educational accountability systems and their impact on teaching and learning, the administration of state performance assessments, the scoring of state performance assessments, the educational benefits of using lap-top computers at the elementary school level, high school literacy initiatives, reading tutoring, students at risk of academic failure, the preparation of teachers for bilingual classrooms, and the contribution of children's museums to public education. She has served in the following positions:

- National Center for the Improvement of Educational Assessments, Board of Trustees
- American Evaluation Association, Board of Directors and Ethics Committee, Public Affairs Committee, Educational Accountability Task Force (chair), High-Stakes Testing Task Force
- New York Performance Standards Consortium, Performance Assessment Review Board
- Indiana University, professor of educational psychology

Strand/ Time	Technology in Education Leadership	Technology in Student Assessment	Technology in Science & Math (STEM) Education
<p>12:30- 2:00</p> <p>Con- current Sessions II</p>	<p><i>A View of a K-5 Integrated Technology Program</i> Mary Ann DeMarco, North Adams Public School District Room 213</p> <p>This session presents the various aspects of the K-5 Integrated Technology Program and is geared toward the interests of technology coordinators, specialists, curriculum coordinators, principals, and superintendents when conceptualizing technology program development or expansion. The program structure beginning with its initial development, involvement of faculty and staff, scheduling, skills and accomplishments will be highlighted.</p> <p>This presentation will be to showcase a technology partnership between technology and the current curriculum to provide students and educators with a positive and productive integrated technology experience.</p>	<p><i>Adding Technology to the Assessment Toolbox</i> Amy Consolati, Lee Public School District Room 203</p> <p>This session explores a variety of technologies that can be utilized as assessment tools embedded within teaching and learning activities.</p> <p>Demonstrations of Google products, MovieMaker, Destiny Quest, and other technologies will be followed by an interactive group discussion regarding the establishment of embedded assessment tools in the classroom.</p>	<p><i>Integrating Technology into the Math Curriculum</i> Jesse Holmes, Conte Middle School & Emily DeMoor, MCLA Room 216</p> <p>Using iMovie, PowerPoint, GarageBand and Timeliner software applications, presenters share their best practices of integrating technology, math, science, and music in elementary and middle school classrooms. Explore "A Timeline of the Berkshires" podcast and "A Walk Through Time" website as rich curricular resources for creating math word problems and more.</p>
<p>2:05- 3:35</p> <p>Con- current Sessions III</p>		<p><i>StoneSoup Digital Portfolio System</i> Juna Snow, MCLA Room 213</p> <p>This session demonstrates the digital student portfolio system, StoneSoup, as an educational technology that connects pedagogy, learning, and assessment through a form-based, web-accessible platform.</p>	<p><i>Using GarageBand and Sony Acid to teach Music & Language Arts</i> Michael Dilthey, MCLA & Butch DeGiorgis, Conte Middle School Room 216</p> <p>This session discusses teaching GarageBand and Sony Acid in the classroom as well as musical and literary multimedia works and the processes used to create them.</p>
<p>3:40- 4:00</p>	<p>Closing Plenary Room 218</p>		

Friday, March 20

Strand/ Time	Technology in Student Assessment	Technology in Science & Math (STEM) Education
8:00- 8:30	<p style="text-align: center;">Registration Continental Breakfast Murdock Hall, Second floor</p>	
8:30- 10:00	<p style="text-align: center;">Opening Plenary Welcome Address, Institute Organizer, Dr. Juna Snow, & MCLA Administration Keynote Address by Dr. Linda Mabry, Professor of Teaching and Learning, Washington State University <i>Educational Assessment and Accountability in the Information Age</i> Room 218</p>	
<p>10:00 – 11:30</p> <p>Con- current Sessions I</p>	<p style="text-align: center;"><i>Measurement Technology</i> Linda Mabry, Washington State University Room 218</p> <p>Within the accountability era, classroom teachers and school administrators balance and work to align student achievement in the classroom with state test results. This discussion-based session will discuss the fundamentals of achievement measurement and assessment practice, e.g., methods and strategies, and compare standardized tests and teacher-developed assessments that inform instruction and provide evidence-based decision making within schools.</p>	<p style="text-align: center;"><i>What's it all about Alpha? The Literature and Science Connection</i> Linda Neville, Conte Middle School & Lori Austin, Abbott Memorial School Room 216</p> <p>Using Garage Band, PowerPoint and selected websites and podcasts, we will demonstrate useful songs and myths that can be used to further student knowledge in the fields of English Language Arts and Astronomy. Twinkle, Twinkle Little Star and Lucy in the Sky with Diamonds become "Do you know the Constellations?" We will look at "Science Verse" by Jon Scieszka/ Lane Smith and "Icarus at the Edge of Time" by Brian Greene for inspiration.</p>
11:30- 12:30	<p style="text-align: center;"><i>Lunch & Laptop Exhibit</i>, featuring innovative practices and tools from regional teachers and organizations: MCLA EdCommunity, MCLA STEM Pipeline Project, TinkerPlots, A+nyWhere Learning System® (A+LST™), StoneSoup, Solar Oven Project, Stellarium Room 218</p>	

Strand/ Time	Technology in Education Leadership	Technology in Student Assessment	Technology in Science & Math (STEM) Education
<p>12:30-1:45</p> <p>Con-current Sessions II</p>	<p><i>Policy, Schmolicy: Technology Doesn't Like Rules!</i></p> <p>Rob Reilly, Lanesborough Elementary School Room 213</p> <p>This session provides an overview of the varied roles of technology specialists and prepares teachers and administrators to become leaders in the integration of technology across the curriculum. Topics include technology planning, classroom observation, leadership team development, and how technology integration allows all content areas to be taught as model based knowledge domains, which is far less possible in the non-technological classroom.</p> <p>We will examine technology related issues that confront school administrators, technology coordinators, and other faculty members. We will explore such issues as: using technology to meet curriculum standards, integrating technology into long and short-range planning and budgeting, using technology to network and share information with colleagues and students.</p> <p>Dr. Rob Reilly, Lanesboro Elementary School</p>	<p><i>A+nyWhere Learning System</i></p> <p>Paul Duquette, MCLA Rick Malden, ALS Room 118</p> <p>The A+nyWhere Learning System® (A+LS™), software program is an e-learning solution ideal for schools searching for more efficient ways to improve their instructional processes. The A+LS program consists of an instructional management system supported by significant core curriculum content for grades 1-12 delivered through a local area network or the Internet. The research-based curriculum content is in the subject areas of Reading, Mathematics, Language Arts, Science, Writing, and Social Sciences. With extensive management and reporting tools, educators and administrators control the learning process. Student assessment tools are integral to the management system and educators can test students on national, state, or local learning objectives.</p>	<p><i>Exploring the Sky with the Subaru: An Introduction to Starlab</i></p> <p>Linda Wagner Church Street Center Lounge</p> <p>Join us for an overview of the Berkshire STEM Pipeline fund. Learn about upcoming teacher opportunities the Pipeline has to offer while sitting in the Starlab inflatable planetarium. This presentation features the use of Starlab as an educational tool. Pre- and post-Starlab activities will be demonstrated. Links to math and computer technology will be discussed. A PowerPoint Presentation on an eclipse in Russia will also be featured.</p>
<p>1:50-2:30</p>	<p style="text-align: center;">Closing Plenary</p> <p style="text-align: center;">Keynote Address: Paul Facteau, Apple Computer</p> <p style="text-align: center;"><i>Disruptive Innovations & Sustainability in the 21st Century Learning Environment</i></p> <p style="text-align: center;">Room 218</p>		