

## ELI Online Fall Focus Session 2012: Emerging Technologies, Innovation, and Academic Transformation

<http://www.educause.edu/eli/events/eli-fall-focus-session>

At-A-Glance Conference Agenda

The Focus Session will take place online at <https://educause.adobeconnect.com/elifocus> (registration and login required). All times are in US Eastern Time: <http://tinyurl.com/timezone>.

| Tuesday, October 2, 2012                                |  |
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| Session Time (ET)                                       | Details and Speaker(s)   |
| <b>Focus Session Welcome</b>                            |  |
| 12:00 p.m. - 12:15 p.m.<br>15m                          | <ul style="list-style-type: none"> <li>Malcolm B. Brown, Director, EDUCAUSE Learning Initiative, EDUCAUSE</li> <li>Veronica Diaz, Associate Director, EDUCAUSE Learning Initiative, EDUCAUSE</li> </ul>  |
| <b>Ideation and Cultivating a Culture of Innovation</b> |  |
| 12:15 p.m. - 1:00 p.m.<br>45m                           | <p><b>Six Essential Attributes To Create A Culture Of Innovation In Organizations</b><br/> <b>Alex Castellarnau</b>, Senior Program Leader, IDEO</p> <p>Session content coming soon.</p> <p><b>Follow-Up Q&amp;A with Speaker (15 minutes)</b></p>   |
| 1:00 p.m. - 1:45 p.m.<br>45m                            | <p><b>Learning Organizations and You</b><br/> <b>David Wedaman</b>, Director of Outreach, Brandeis University<br/> <b>Colleen Wheeler</b>, Assistant Director, Web Strategy Team, Wheaton College</p> <p>The idea of the “learning organization” suggests that redesigning our workplaces to emphasize individual and group learning as the primary goals (as opposed to other priorities like control, production, or efficiency) is the best way to remain relevant in a changing environment. But what would it mean to implement a learning organization model in the average higher education IT or library organization? How would it look or feel different? Don’t we learn now? This presentation will answer these questions, impart a few key learning principles, and share real world examples drawn from the NERCOMP Learning Organization Academy.</p> <p><b>Follow-Up Q&amp;A with Speaker (15 minutes)</b></p> |
| 1:45 p.m. – 2:00 p.m.<br>15m                            | <b>Break</b>   |

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| <p>2:00 p.m. - 2:30 p.m.<br/>30m</p>                                    | <p><b>Creating a Culture of Innovation</b><br/><b>Jennifer Sparrow</b>, Director of Emerging Technologies and New Ventures, Virginia Tech</p> <p>Getting the <i>right</i> people at the <i>right</i> time with the <i>right</i> tools and training is critical to creating a culture of innovation. At the InnovationSpace at Virginia Tech, we've combined a physical space with a customer-serviced, "yes empowered" staff that inspire faculty to explore and implement new technologies to enrich their teaching and learning experiences. There are three key approaches to our culture of innovation: creating a welcoming and safe place for faculty to experiment with new technologies, developing relationships that encourage a two-way exchange of emerging technologies, and rapidly responding to faculty requests for sandboxes. All discussions are framed within good pedagogy and encourage extensive feedback from faculty. This session will highlight how we've moved to a culture of innovation and sustain it with revolving student staff.</p> <p><b>Follow-Up Q&amp;A with Speaker (10 minutes)</b></p> |
| <p>2:30 p.m. – 3:05 p.m.<br/>35m</p>                                    | <p><b>Working with Emerging Technologies and Innovations Activity, Part I</b><br/>More information on this activity coming soon.</p>   |
| <p>3:05 p.m. - 3:20 p.m.<br/>15m</p>                                    | <p><b>Break</b></p>  |
| <p><b>How to Identify the Pilots: Discovery and Experimentation</b></p> |  |
| <p>3:20 p.m. – 3:50 p.m.<br/>30m</p>                                    | <p><b>Hot Teams: Rapid Investigations of Emerging Technologies</b><br/><b>Allan Gyorke</b>, Director, Education Technology Services, The Pennsylvania State University</p> <p>When a new technology emerges, we can only speculate about how it could be applied to teaching and learning. At Penn State, we have created the Hot Team process, which is a systematic exploration of a new technology or pedagogical approach. The goals of the Hot Team process are to get a small group of people up to speed with a new technology quickly and produce a tangible artifact that can help others understand it. We will explain the Hot Team process, give some examples, and discuss how it can be implemented.</p> <p><b>Follow-Up Q&amp;A with Speaker (10 minutes)</b></p>   |
| <p>3:50 p.m. – 4:20 p.m.<br/>30m</p>                                    | <p><b>The Long Tail of Innovation</b><br/><b>James Groom</b>, Instructional Tech Spec, Division of Teaching and Learning Technologies, University of Mary Washington<br/><b>Tim Owens</b>, Instructional Technology Specialist, University of Mary Washington<br/><b>Martha Burtis</b>, Special Projects Coordinator, University of Mary Washington</p>  |

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|                              | <p><b>Andrew Rush</b>, New Media Specialist, University of Mary Washington</p> <p>University of Mary Washington's Division of Teaching and Learning Technologies (DTLT) will demonstrate how the crux of its exploratory approaches to ed tech over the last seven years has been driven by a community undergirded by a common vision and shared values. The innovative work happening at Mary Washington, from UMW Blogs to ds106 to A Domain of One's Own, has been born out of the idea that students and faculty must be empowered to own and maintain their work on the web. This presentation will trace the long tail of this approach and articulate how innovation at UMW has been about regularly returning to and building upon a shared values of designing an open, distributed networks for learning on campus</p> <p><b>Follow-Up Q&amp;A with Speaker (10 minutes)</b></p>   |
| 4:20 p.m. – 4:50 p.m.<br>30m | <p><b>Edupreneurship: Engaging Students in Mobile Learning</b></p> <p><b>Perry Samson</b>, Professor, Dept. Atmospheric, Oceanic &amp; Space Sciences, University of Michigan</p> <p>The effectiveness of a mobile learning initiative is bound to improve when those who will use it have a direct influence on its design. This presentation will discuss how LectureTools (<a href="http://www.lecturetools.com">http://www.lecturetools.com</a>) arose from a mutual student and instructor need for tools that facilitated more opportunities for interaction in large lecture halls. Whereas the initial goal was to replace clickers with web-based tools, the suite of tools that resulted (integrated note-taking, draw-on slides, bookmarking, student questioning, instructor feedback) evolved organically from student and instructor users of the system. This talk will outline lessons learned about using web-based tools in large classes to improve student engagement and encourage others to promote "edupreneurship" on campus as a way to involve both students and instructors in creating effective learning environments.</p> <p><b>Follow-Up Q&amp;A with Speaker (10 minutes)</b></p> |
| <b>Focus Session Closing</b> |   |
| 4:50 p.m. - 5:00 p.m.<br>10m | <ul style="list-style-type: none"> <li>• Malcolm B. Brown, Director, EDUCAUSE Learning Initiative, EDUCAUSE</li> <li>• Veronica Diaz, Associate Director, EDUCAUSE Learning Initiative, EDUCAUSE</li> </ul>   |

| <b>Wednesday, October 3, 2012</b>           |  |
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| <b>Session Time (ET)</b>                    | <b>Details and Speaker(s)</b>  |
| <b>Focus Session Welcome</b>                |  |
| 12:00 p.m. - 12:10 p.m.<br>10m              | <ul style="list-style-type: none"> <li>• Malcolm B. Brown, Director, EDUCAUSE Learning Initiative, EDUCAUSE</li> <li>• Veronica Diaz, Associate Director, EDUCAUSE Learning Initiative, EDUCAUSE</li> </ul>  |
| <b>How to Effectively Pilot Innovations</b> |  |
| 12:10 p.m. – 12:40 p.m.<br>30m              | <p><b>Piloting Innovation Via Faculty Development Programs</b><br/> <b>Brad Cohen</b>, Associate CIO for Academic Technology, University of Minnesota<br/> <b>Lauren Marsh</b>, Service Owner, Educational Technology Services, University of Minnesota</p> <p>The University of Minnesota’s Faculty Fellowship Program is an 18-month faculty development program designed to support transformational uses of technology to enhance learning while at the same time building capacity within our institution for faculty leadership of academic technology. In this session we will share some history of this long-standing program, identify key programmatic elements that support innovation and leadership, and share some exemplary projects our fellows have completed within the program. Information about the program can be found at <a href="http://www.oit.umn.edu/faculty-programs/faculty-fellowship/">http://www.oit.umn.edu/faculty-programs/faculty-fellowship/</a>.</p> <p><b>Follow-Up Q&amp;A with Speaker (10 minutes)</b></p> |
| 12:40 p.m. – 1:25 p.m.<br>45m               | <p><b>Developing and Testing a Framework for Analyzing Innovation</b><br/> <b>D. Christopher Brooks</b>, Research Fellow, University of Minnesota<br/> <b>Josh Morrill</b>, Owner, Primary Researcher and Evaluator, Morrill Solutions<br/> <b>Allan Gyorke</b>, Director, Education Technology Services, The Pennsylvania State University</p> <p>Representatives of academic technology groups from the Big Ten universities have been developing a framework for analyzing innovation. This flexible framework was designed to be used for a variety of purposes such as evaluating new project ideas or analyzing an institution’s innovation profile. The presenters will describe the framework and provide examples of how it's being used at their institutions. The session will end with a discussion of how it can be used and adapted at other institutions.</p> <p><b>Follow-Up Q&amp;A with Speakers (15 minutes)</b></p>  |
| 1:25 p.m. – 1:55 p.m.<br>30m                | <p><b>Engaging Stakeholders in Pilot Evaluations</b><br/> <b>Yvonne Belanger</b>, Head, Assessment &amp; Planning, Center for Instructional Technology, Duke University</p> <p>What happened? Was the pilot a success? What should the next steps be? Understanding what matters to key</p>  |

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|   | <p>stakeholders is essential to establishing the focus and direction of the evaluation. Their concerns and priorities should shape all aspects of your evaluation process. We'll discuss identifying and prioritizing stakeholders and strategies for maximizing the impact of your pilot through stakeholder engagement. Stakeholder participation can ensure that your pilot results in useful, credible, and relevant findings and recommendations.</p> <p><b>Follow-Up Q&amp;A with Speaker (10 minutes)</b></p>   |
| 1:55 p.m. – 2:10 p.m.<br>15m                | <b>Break</b>   |
| 2:10 p.m. – 2:45 p.m.<br>35m                | <p><b>What's Next for Emerging Technologies That Support Teaching and Learning?</b><br/> <b>Stacy Morrone</b>, Dean, Information Technology; Associate Vice President, Learning Technologies, Indiana University-Purdue University Indianapolis</p> <p>Over the last 20 years, faculty and students have found innovative and effective ways to use the Internet for teaching and learning. Learning management systems have evolved to include cloud and social networking, and learning technologies continue to rapidly evolve. What's next for emerging technologies that support teaching and learning? Indiana University recently launched a two-year pilot program to assess multiple learning technologies to strengthen our understanding of how these systems and tools support teaching and learning (<a href="http://next.iu.edu">next.iu.edu</a>). In this session, we will describe our process for conducting and evaluating the pilots over the next two years.</p> <p><b>Follow-Up Q&amp;A with Speaker (10 minutes)</b></p> |
| 2:45 p.m. - 3:20 p.m.<br>35m                | <p><b>Working with Emerging Technologies and Innovations Activity, Part I</b><br/> More information on this activity coming soon.</p>  |
| 3:20 p.m. – 3:35 p.m.<br>15m                | <b>Break</b>   |
| <b>Scaling from the Pilot to Production</b> |  |
| 3:35 p.m. – 4:05 p.m.<br>30m                | <p><b>Simple Works: Why Technology Innovation Means More of Less</b><br/> <b>Kyle Bowen</b>, Director of Informatics, Purdue University</p> <p>Moving from pilot to production means scaling quickly. A successful technology pilot translates to a user base that's ready for more. The faster you can fulfill user needs, the more momentum you will have with the production service. Focusing on a series of simple technologies makes it possible to capitalize on the latest trends and deliver new ideas to a wide range of students and faculty. This session will explore how to communicate new ideas, find the best faculty partners, and develop new technology that scales to meet a spectrum of needs while providing an underlying platform for research and assessment.</p>  |

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|                                     | <b><i>Follow-Up Q&amp;A with Speaker (10 minutes)</i></b>  |
| 4:05 p.m. - 4:50 p.m.<br>45m        | <p><b><i>The Five Dimensions of Attaining Scale: Implications for Innovation in Higher Education</i></b><br/> <b>Chris Dede</b>, Timothy E. Wirth Professor in Learning Technologies, Harvard University</p> <p>In education, unlike other sectors of society, the scaling up of successful innovations from a few initial settings to widespread use across a range of contexts is very difficult. Contextual factors in each local situation, such as instructional goals, student characteristics, and institutional resources, shape the desirability, practicality, and effectiveness of educational innovations. Achieving scale in higher education requires implementation designs that can flexibly adapt to effective use in a wide variety of contexts across a spectrum of learners and teachers. This session will describe a framework for evolving innovations to ensure effective adaptation.</p> <p><b><i>Follow-Up Q&amp;A with Speaker (15 minutes)</i></b></p> |
| <b><i>Focus Session Closing</i></b> |  |
| 4:50 p.m. - 5:00 p.m.<br>10m        | <ul style="list-style-type: none"> <li>• Malcolm B. Brown, Director, EDUCAUSE Learning Initiative, EDUCAUSE</li> <li>• Veronica Diaz, Associate Director, EDUCAUSE Learning Initiative, EDUCAUSE</li> </ul>  |

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