



5TH ANNUAL ACADEMIC SUMMIT

Co-Sponsored by the Joint Committee on Academic Planning
and the Office of the Provost

What will learning look like in
the future?



Friday, January 18, 2013

Memorial Union Ballroom, URI

Program Schedule

8:30am	Check In & Continental Breakfast	11:50am	Lunch
9:00am	Welcome David Byrd, Vice Chairperson, Faculty Senate and JCAP	12:30pm	Presidential Remarks: URI's Future President David M. Dooley
	Opening Remarks: Academic Vision and the Changing Learning Environment at URI Donald DeHayes, Provost and Vice President, Academic Affairs	1:00pm	The Faculty Role in the Learning Environment of the Future Dr. Bryan Alexander, Guest Presenter (See bio next page) This presentation will include a series of major trends shaping higher education involving technology, mobile devices, ebooks, 3-D printing, augmented reality, the Internet of things, among others and will include specific practices enabled by technology such as: MOOCs, digital storytelling, open access publishing. The presentation will focus on a survey of current efforts to understand the future of education with a focus on teaching and learning. An opportunity for follow-up discussion and reflection in an afternoon roundtable will be guided by two questions: (1). Which trends are most likely to strongly influence your work over the next two years? (2). What will your average student look like in the Fall of 2018?
9:30am	Engaging Tomorrow's Learners Today- Dr. Julie Coiro, URI Faculty Keynote - (See bio next page) Major forces of change are challenging us to consider new ways of approaching learning so that students can think critically, work collaboratively, and communicate effectively. The audience will be engaged in an interactive conversation about the qualities and needs of tomorrow's learners, trends in evolving digital technologies, and the role that higher education might play in shaping teaching and learning in the knowledge revolution. Emerging digital practices likely to have an impact in higher education and K-12 settings will be explored with a focus on the unique characteristics of today's students, their needs, preferences, and the challenges associated with meeting expectations for college and career readiness and lifelong learning. Frameworks will be offered to help you gauge your own progress in engaging tomorrow's learners while setting realistic goals. An opportunity for follow-up discussion and reflection in an afternoon roundtable will be guided by two questions: (1). What are you currently doing that you believe meets the needs of tomorrow's learners and why do you think this is working? (2). How do you see your own practices in teaching and learning changing to more productively engage tomorrow's learners?	2:00pm	Roundtable Facilitated Dialogues: An opportunity for talk, questions, sharing ideas. Choose <u>one</u>. (See following pages for description). 1. Keynote follow-up discussion: Engaging the changing student 2. Keynote follow-up discussion: The faculty role in the future 3. What is the longer term future for higher education? 4. The future of distance and online education at URI 5. The future of IT and the implications for URI 6. Faculty preparations and considerations about learning
		3:00pm	Dessert Reception, Dialogue Report-Outs, & Closing
10:30am	Break		
10:45am & 11:15am	Engaged Learning: URI Faculty Share their Expertise Choose to attend TWO sessions from the center insert page. If full, please attend an alternate choice. Each session is 30 minutes.		

Keynote Speakers

Julie Coiro - is an Assistant Professor in the School of Education at the University of Rhode Island. Previous to that, she worked as Co-Director of The New Literacies Research Lab at the University of Connecticut. Dr. Coiro has degrees in Special Education, Curriculum and Instruction, and Educational Psychology and currently teaches undergraduate and graduate level courses in literacy. She conducts research and speaks nationally about new ways of learning with the Internet, online reading comprehension strategy instruction, and effective practices for technology integration and professional development.



In 2012, Dr. Coiro received the Early Career Research Award from the Literacy Research Association and the Early Career Faculty Research Excellence Award from the University of Rhode Island. She has published more than 35 articles and book chapters in venues such as Reading Research Quarterly and Educational Leadership, she is co-editor of The Handbook of Research in New Literacies, and she is Co-PI on a five-year federally-funded project to develop valid and reliable assessments of online research and reading comprehension to inform classroom instruction. Julie Coiro can be reached at: jcoiro@mail.uri.edu

<http://www.uri.edu/hss/education/faculty/coiro.html>

Bryan Alexander is a senior fellow at the National Institute for Technology in Liberal Education (NITLE). He researches, writes, and speaks about emerging trends in the integration of inquiry, pedagogy, and technology and their potential application to liberal arts contexts. Dr. Alexander is author of *The New Digital Storytelling: Creating Narratives with New Media*. He earned his Ph.D. in English from the University of Michigan in 1997. His current research interests include emerging pedagogical forms enabled by mobile technologies, learning processes and outcomes associated with immersive environments (as in gaming and augmented reality), the rise of digital humanities, the transformation of scholarly communication, digital storytelling, and futurist methodologies.



<http://www.nitle.org/about/bios/alexander.php>

Dr. Alexander is author of [The New Digital Storytelling: Creating Narratives with New Media](#), published in April 2011 by Praeger. He is active online, combining research with communication across multiple venues. He runs [the NITLE futures market](#), a crowd-sourced prediction game. He contributes to [Techne](#), NITLE's blog, and was lead author for eight years on its predecessor, Liberal Education Today ([archive](#)). He also tweets steadily at [@BryanAlexander](#).

Engaged Learning: Faculty Presentations

-30 minutes each. **Select 2 to attend.**

1st session: 10:45 am; 2nd session: 11:15 am



Session 1 - How to Create a Flipped Classroom, Memorial Union Lounge

Victor Fay-Wolfe, Professor, Computer Science & Statistics, Arts & Sciences

The concept of moving lecture to online and the corresponding use of classroom time for interactive help and work on assignments will be explored. Topics include how to create Internet video lectures, and how to use Sakai and other tools to support interactive classroom time. The session will be illustrated with experiences from the URI General Education Computer Concepts course, which has been taught in a flipped classroom, and from the URI Digital Forensics Graduate Certificate, which is delivered completely online.

Session 2 - The Lecture is Dead. PowerPoint is for Zombies. Why Come to Class?

Atrium 1

Jeffrey Bratberg, Clinical Associate Professor, Pharmacy

A broad overview of Dr. Bratberg's experiences integrating team-based learning, group discussions, audience response systems, video, social media, "real-life" semester-long team projects and exercises into large and small-group classes, while slaying Powerpoint fatigue and the Sage on the Stage.

Session 3 - Using Evernote to Enhance Learning - Building a Personal Knowledge Base, Atrium 2

Jay Fogleman, Assistant Professor, Education, HSS

While some effort has been devoted to how online tools might change teaching, little attention has been paid to how students might use their computers and smartphone to become more effective learners. This session describes how the cloud-based service Evernote can be customized to address students' learning needs by applying principles of personal knowledge management. Tutorials developed for a URI 101 pilot study will be shared, and attendees who bring their laptops can explore Evernote and these resources for themselves.

Session 4 - Breaking Down Disciplinary Silos through Active Learning Pedagogy, Room 360

Anthony Wheeler, Spachman Professor of Human Resource Management, Business

Discussion about how the College of Business developed an integrative, cross-disciplined MBA curriculum and the early evidence of student learning in this program. Impediments to delivering integrative programs and lessons learned will be discussed.

Session 5 - The Inner Space Center Classroom: Engaging Students in Deep Sea Exploration in Real Time, Room 308

Dwight Coleman, Director Inner Space Center, GSO

Two scenarios involving teams of undergraduate and graduate students will be discussed. The first will demonstrate how the facility was used during an oceanographic research expedition in which a team of scientists and students from other institutions took part in the research, direction of science operations, and analysis of data collected during the expedition in near real-time. Students gained the experience that they would have had they actually been at sea. The second presentation will demonstrate how students can obtain much the same experience via a virtual oceanographic expedition created by replaying recordings of remotely operated vehicle dives from previous expeditions. The students are required to follow the same steps they would have had the expedition been undertaken in real-time.

Session 6 - The Beauty Salon: A Form of Participatory Learning, 193 Degrees Coffeehouse Room, main (2nd) Floor

Karen DeBruin, Cheryl Foster, Dawn Cardace, David T. Howard, Kendall Moore, Cate Morrison, Ian Reyes, Arts and Sciences

The Beauty Salon believes that learning should not be confined to the university classroom and thus our radio show is a student-faculty collaboration that brings aesthetic education to life for the general Rhode Island public. Through our DeCoding Rhode Island interviews with people from all walks of Rhode Island life - people we call "aesthetic practitioners" - we seek to highlight the fact that aesthetics is not an esoteric concept but a timeless human endeavor being practiced right here in our small state.

Session 7 - 360 degrees of Learning, Room 318

Laura Meyerson, Associate Professor, Natural Resource Science, CELS

In this session we will discuss how approaching a subject from multiple perspectives contributes to learning and enhances skills. Dr. Meyerson teaches applied field science courses but also engages students in social, communication and policy projects so that students gain experience in a real world context and gain skills to lead their own projects.

Session 8 - Does Powerpoint have a Future? Room 314

Robert Van Horn, Assistant Professor, Economics, Arts and Sciences

This presentation will be a teaching demonstration to show some ways power point can be used to enhance learning in a lecture-based class. Specifically, it will demonstrate ways that a lecturer can use Powerpoint to facilitate active learning in the classroom, incorporate videos and pictures to help students, and challenge students to apply what they learn.

Session 9 - Competency Based Learning Strategies, Room 301

Mark Higgins, Dean, Business

Discussion about how the College of Business is using assessment as part of competency-based learning. It will also include how competency-based learning is becoming the foundation for online classes in the College of Business.

Session 10 - Active Learners: How 3D animations, Show & Tell, and other Interactive Learning Tools Engage Students in the Learning Process, Room 354

Bongsup Cho, Professor, Pharmacy

This session will touch on how the use of 3D animation and 3D printing enables students to view and critically analyze drug action, complex molecular models and phenomena. We'll showcase how such interactive learning tools stimulate students' imaginations and allows them to focus on features essential for gaining a true understanding of the biomedical processes being depicted, which they can carry to the next course or level.

Roundtable Facilitated Dialogues: Roundtable Topics

2pm - Choose one

Roundtable 1: Engaging the Changing Student

ROOM: Atrium 1

Facilitator: Julie Coiro, Assistant Professor, Education

- (1). What are you currently doing that you believe meets the needs of tomorrow's learners and why do you think this is working?
- (2). How do you see your own practices in teaching and learning changing to more productively engage tomorrow's learners?

Roundtable 2: The Changing Faculty Role

ROOM: Atrium 2

Facilitator: Bryan Alexander, Guest Presenter

- (1). Which trends are most likely to strongly influence your work over the next two years?
- (2). What will your average student look like in the Fall of 2018?

Roundtable 3: What is the Longer Term Future for Higher Education?

ROOM: 354

Facilitator: Peter Cornillon, Professor, GSO

- (1). How might the student population change over the next 10 to 15 years as a result of technological advances - both the mix of students and how students of the future approach problems?
- (2). How might the role of the faculty change in the 10 to 15 year time frame as a result of the dramatic changes anticipated in technology and learning?
- (3). How might we, as faculty, and the University prepare for likely changes in the student population and in teaching/learning?

Roundtable 4: The Future of Distance and Online Education at URI

ROOM: 360

Facilitator: Diane Goldsmith, Director, Learning Assessment & Online Ed.

In fall 2012, over 6 million students enrolled in at least one online course. Over 80% of those live in close proximity to the institution in which they are enrolled online. While the majority are over thirty years of age, 40% are under 30. And 44% of all online students are enrolled in public institutions.

- (1). What is the future of online education for public universities like URI?
- (2). What is the role of faculty/educators in the new online environment?
- (3). How might MOOCs [Massive Open Online Courses] be of value to the University – (by expanding access to excellent materials/good instruction/adaptive technologies)?

Roundtable 5: The Future of IT and the Implications for URI

ROOM: 314

Facilitator: Garry Bozylinsky, Chief Information Officer

- (1). What is the future of IT?
- (2). What are the implications of that future for URI?

Roundtable 6: Faculty Preparation and Considerations about Learning

ROOM: 318

Facilitator: Bette Erickson, Director Instructional Development Program

- (1). What have we learned today about today's and tomorrow's students and about new instructional contexts and possibilities?
- (2). What might we do to prepare ourselves for working with an increasingly diverse student population and for making the most of new instructional possibilities?



Summit Related Reference Resources

Summit website: http://www.uri.edu/provost/academic_summit.html

The NMC Horizon Report > 2012 Higher Education Edition is a collaborative effort between the NMC and the Educause Learning Initiative. The report is found at: <http://www.nmc.org/publications/horizon-report-2012-higher-ed-edition>. This ninth edition describes annual findings from the NMC Horizon Project, a decade-long research project designed to identify and describe emerging technologies likely to have an impact on learning, teaching, and creative inquiry in higher education. Six emerging technologies are identified across three adoption horizons over the next one to five years, as well as key trends and challenges expected to continue over the same period, giving campus leaders and practitioners a valuable guide for strategic technology planning.

Rethinking Education in the Age of Technology

<http://www.amazon.com/Rethinking-Education-Technology-Education-Connections-Education-Connections/dp/0807750026>

A Potential Academic Future

<http://www.insidehighered.com/views/2012/02/09/essay-imagines-future-academe#.UMjpmURg7oo.email>

Summit supporting documents

- [The Future of Information Technology](#)

2013 Summit Planning Committee

Ann Morrissey, Chair, Summit Planning Committee, JCAP, and
Provost Office

Marilyn Barbour, Pharmacy, Faculty Senate Executive Committee,
JCAP

Laura Beauvais, JCAP, Provost Office

David Byrd, Faculty Senate Vice Chair, JCAP, Education

Garry Bozylinsky, ITS

Peter Cornillion, GSO

Rachel DiCioccio, Communication Studies

Bette Erickson, Instructional Development Program

Diane Goldsmith, Online Learning

Ric McIntyre, Economics, Honors Program

Laura Meyerson, Natural Resource Sciences

Kathryn Quina, JCAP, FCCE