

Teaching with Technology Showcase

Sponsored by Florida Atlantic University's
Center for Teaching and Learning
and
Information Resource Management

Saturday, October 24, 2009
Marleen & Harold Forkas Alumni Center

- 9:00 a.m. Check-in and Continental Breakfast
Vendor Tables
- 9:15 a.m. Welcoming Remarks
Jason Ball – Associate Provost and CIO, IRM
Edward Pratt – Dean, Undergraduate Studies
- 9:30 a.m. Keynote Address: *Are You Smart Enough for a “Smart” Classroom?*
Mary Lasica, Education Advocate – AT&T

Concurrent Sessions

Portraits of Practice: FAU’s Faculty Learning Communities

- 10:35 a.m. Getting Caught in the Net: Our Journey to Online Teaching
Susan Brown Terry Eggenberger
Tobin Hindle Peter Ricci
Mara Schiff
- 11:25 a.m. I Want To Teach Online: What Do I Do Now?
Vicki Brown Dave Kalinich
Richard Mangan
- 12:15pm Technology Enhanced Learning in the Classroom
Ravi Behara Derrick Huang
Mary Davis Evelyn Frazier
Chaouki Ghenai James Hartmann
Alka Sapat Ramesh Teegavarapu

Success Stories: Faculty Teaching with Technology

- 10:35 a.m. Are You There? Engaging or Disengaging Students
 Maria Vasquez
- 11:25 a.m. Podcasts: A New Way of Delivering Learning and Information
 Hanadi Saleh
- 12:15 p.m. Jump In... the Water's Fine! Hybridizing and Energizing Your (Very) Large
 Enrollment Lecture Course
 Jennifer Peluso

Nuts and Bolts of Technology and Teaching

- 10:35 a.m. Technology Enhanced Learning for Delivering Mechanical Engineering Courses
 Chaouki Ghenai
- 11:25 a.m. Building Community and Student Involvement
 Fred Fejes, Leonardo Martinez and Deborah Raines
- 12:15 p.m. IRM Listening Session
 Jason Ball, Molly Munro and Alison Marcoff
- 1:00 p.m. **Lunch** (Must RSVP to reserve a seat) and Round Table Discussions
 Drawing for Door Prizes (you must be present to claim your prize)

Concurrent Session Descriptions

Portraits of Practice: FAU's Faculty Learning Communities

◆ **Getting Caught in the Net: Our Journey to Online Teaching**

The Challenges and Opportunities to Online Teaching Faculty Learning Community panel will discuss the members' journey to online teaching. Individuals will share their successes and challenges, fears and triumphs. Specific topics to be discussed are: building community, on-line testing and learning assessment, ethical behavior and if I can do it...so can you.

◆ **I Want To Teach Online: What Do I Do Now?**

Have you wondered, what would it take to begin teaching classes online? This panel of speakers will share their experiences as they explored and began to implement the technology for high quality instruction online. The process for creating online courses includes knowing what types of technology are available for teaching online and selecting the pedagogical approaches that will create effective instruction in an online environment.

◆ **Technology and Enhanced Learning in the Classroom**

The Technology-Enhanced Learning Faculty Learning Community Panel will discuss the members' experience in using various technologies in the class room. These include: • Web 2.0 technologies: Generally regarded as "participating web," offers sharing and collaboration tools such as blogs, wikis, and Twitter, that can enhance learning. • Interactive technologies - such as clickers and collaboration software can increase students' interest and participation via "instant gratification." • Simulation, as a learning tool has been well developed in various disciplines. • Streaming Video, in the "YouTube-age" is quickly becoming a valuable mechanism for in-class learning.

Success Stories: Faculty Teaching with Technology

◆ **Are You There? Engaging or Disengaging Students**

How do we know our students are listening or participating in class? How do we know they are engaged? A major challenge in online classes is not only how to facilitate learning but to help the student become independent, self-directed and collaborative. By using online learning communities, students can build academic interactions, class building rapport and present so they can become self-directed and promoters of their own learning. An example of an adapted model of a learning community will be shared. The topic of formative assessment and how it can be provided will be discussed. For instance, how often should we provide feedback and what do students expect? Finally, the presenter will share activities used in her class. These activities may include individual and group participation together with class interactions.

◆ **Podcasts: A New Way of Delivering Learning and Information**

An important approach to enhance student learning and success and ensure that students can reach their educational goals is to provide a variety of methods for accessing information. We all know that the instructor is no longer the only source for learning. Students have a plethora of ways to access information and to construct their own learning. Podcasting is an effective method to deliver material and content to students. Instructors can publish a course syllabus, content materials, tutorials, etc. as Podcasts so students can download the files to their computers. Beyond this, they can also subscribe

to that Podcast and each time their instructors upload new materials, they will be automatically downloaded. Thus, the learning process becomes portable. Students can download the materials to an iPod or MP3 player so they can have access to the materials anywhere and everywhere. In this session, you will see examples of Podcasts created for classroom use and get introduced to the benefits of creating Podcasts as a “new way” to deliver learning.

◆ **Jump In... the Water's Fine! Hybridizing and Energizing Your (Very) Large Enrollment Lecture Course**

Very large enrollment courses (200+ students) are a challenge for both students and instructors. How do you achieve learning without boring everyone to tears? It is possible, believe it or not! In this presentation, I will trace the changes I've made in my large General Psychology course over the last 18 semesters. I've not changed what I teach, but how I teach and what I use to teach. Changes were made one step at a time and based on principles from literatures in problem-based learning, the scholarship of teaching, and, of course, changes in technology. These principles will be described.

Nuts and Bolts of Technology and Teaching

◆ **Technology Enhanced Learning for Delivering Mechanical Engineering Courses**

Technology Enhanced Learning (TEL) is used to optimize and enhance students learning in all aspects of education. It allows for interactive environment that maximize learning by challenging the students to be creative. TEL helps faculty, students, and staff to explore and implement technologies for enhancing courses on campus and distance learning. Streaming video, web-based simulation and visualization are used to enhance student learning and to complement learning achieved in physical laboratories and conventional classroom settings. This presentation will show the benefits of using new learning technology tools such as video-streaming, Web-based simulation and visualization, Citrix system and blackboard to enhance teaching and student learning. The presentation will also include a demonstration of software use from Citrix system and web-based simulations and Visualizations.

◆ **Building Community and Student Involvement**

Building community and involving students in the learning process involves creativity, initiative and accountability. This session will discuss strategies to create a welcoming environment in your online classroom. Online learning is often thought of as a group of invisible strangers. Integration of a personal web-page into teaching activities allows students and instructors to present themselves as individuals with rich lives and experiences. In addition giving your course a customized look and feel gives it a sense of identity. Finally the transition to online activities such as testing and accessing course materials, including video on demand will be explored.

◆ **IRM Listening Session**

An opportunity to dialogue with the leadership of IRM at Florida Atlantic University. Meet Jason Ball the new Associate Provost and CIO and hear his vision for the future. Bring your questions, suggestions, and ideas.

Florida Atlantic University Showcase Presenters

Jason Ball, Associate Provost and CIO, Information Resource Management
Ravi Behara, Associate Professor (IT & Operations Management), College of Business
Susan Brown, Professor (Anthropology), Dorothy F. Schmidt College of Arts and Letters
Mary Davis, Instructor (IT & Operations Management), College of Business
Victoria Brown, Assistant Professor (Educational Technology), College of Education
Terry Eggenberger, Instructor, Christine E. Lynn College of Nursing
Fred Fejes, Professor (Communications), Dorothy F. Schmidt College of Arts and Letters
Evelyn Frazier, Instructor (Biology), Charles E. Schmidt College of Science
Chaouki Ghenai, Assistant Professor, (Mechanical and Ocean Engineering), College of Engineering and Computer Science
James Hartmann, Professor (Biological Sciences), Charles E. Schmidt College of Science
Tobin Hindle, Assistant Scientist ([Geosciences](#)), Charles E. Schmidt College of Science
Derrick Huang, Associate Professor (IT & Operations Management), College of Business
David Kalinich, Professor (Criminology and Criminal Justice), College of Architecture, Urban & Public Affairs
Richard Mangano, Instructor (Criminology and Criminal Justice), College of Architecture, Urban & Public Affairs
Alison Marcoff, Assistant Director, Instructional Technology, Information Resource Management
Leonardo Martinez, Instructor (Physics), Charles E. Schmidt College of Science
Molly Munro, Director, Instructional Technology, Information Resource Management
Jennifer Peluso, Instructor (Psychology), Charles E. Schmidt College of Science
Deborah Raines, Director of the Scholarship and Teaching and Professor, Undergraduate Studies and Christine E. Lynn College of Nursing
Peter Ricci, Visiting Associate Professor & Director (Management Programs), College of Business
Hanadi Saleh, Instructor (Teaching and Learning), College of Education
Alka Sapat, Associate Professor (Public Administration), College of Architecture, Urban and Public Affairs
Mara Schiff, Associate Professor (Criminology and Criminal Justice), College of Architecture, Urban and Public Affairs
Ramesh Teegavarapu, Assistant Professor (Civil Engineering), College of Engineering and Computer Science
Maria Vasquez, Visiting Assistant Professor (Educational Leadership). College of Education