This session will focus on the last, teaching phase of the program. Using active learning methods, the group will brainstorm strategies to guide students in teaching, and thereby integrating what they have learned.

**[TABLE 8]** June Carrington, El Centro, School of Nursing and Public Health Studies

The Value of Learning in Health Policy Education

During the session participants will explore existing opportunities that link the research and teaching components of faculty performance. The session leader will use the course design of a Hybrid Introduction to Public Health Policy course to demonstrate how various technological learning platforms (i.e., discussion boards, wiki, Poll Everywhere, and Kahoot!) can be combined to enhance the teaching and learning experience. The discussion will also highlight the inclass research opportunities that this model provides.

**Learning Platforms**

The Learning Platforms team manages and supports a variety of online technologies that faculty use to teach their courses. The primary tool is Blackboard Learn, which is utilized by 62% of all courses at UM. They also support the use of Blackboard Collaborate, a videoconferencing tool and a variety of tools that support student feedback, instructional design, and communication uses of social media, and plagiarism detection.

**Medical Campus Resources**

At the medical campus, the educational technologies team is happy to assist you. We can assist you with curriculum development, course redesigns, teaching strategies and tools, formative and summative assessment, mentoring and faculty development, blended learning and ‘Cane Academy, Panopto lecture-capture with Blackboard integration.

**[LIBRARY RESOURCES]**

**Digital Media Lab**

The Digital Media Lab provides expert support and consultation in the use of digital audio, video, and graphic design technology, as well as web development and image creation techniques. With a wide variety of creative software, our large and small format printing services, and the available equipment loan program, they have everything you need to create new and original digital content.

**Digital Humanities**

Digital humanities is an emerging field that focuses on using technology to ask new questions of literature and present scholarship in new ways and to explore new opportunities for both research and pedagogy – and many user-friendly tools that researchers can use. The Digital Humanities Librarian is happy to help you develop research or pedagogical projects, from start to finish.

**Geographic Information Systems Labs**

The University of Miami’s Geographic Information Systems (GIS) lab works with students, staff, and faculty to help develop and implement GIS-based projects. Additionally, the lab can help with spatial data management, troubleshooting technical problems, and create cartographic figures for publications.

**Library Resources**

The University of Miami Libraries are central to the University’s mission to educate and nurture students, to create knowledge, and to provide service to our community and beyond. They provide high quality information services, instruction, and resources to students, faculty, researchers, and staff of the University of Miami.

**Learning Commons**

The Learning Commons supports learning at the University of Miami through the co-location, coordination, and enrichment of existing academic services to help students become effective and independent learners with the ability to identify, critically analyze, and apply relevant information and technologies as well as the skills necessary to communicate across disciplines and cultures. Partners include the Center Academic Resource Center, Academic Technologies, the Writing Center and the Math Lab, among many others.
In this VR endless swimmer, players transform into a baby beluga whale immersed in the deep blue Arctic learning to search for food. Make sounds to use your melon for echolocation and navigate the dangers of your food source. Time your feeding intervals well or game over! Once you master finding food, advance to the greater unknown without avoiding threats. This is a whimsical, experimental, simulation-based game where players step into the “flippers” of a beluga whale and learn how beluga whales must use their melons to locate food (and find breathing holes in the Arctic ice sheet).

Barbara Barrett, Intensive English Program, Department of Continuing and International Education

Storytelling Culture Shock Among UM International Students

Last fall, my colleague Matt Keiser and I had the privilege of representing the Division of Continuing and International Education in the 2nd cohort of a “Narrative Techniques” grant that Academic Technologies received from the Knight Foundation, the purpose of which has been to explore and evaluate the effectiveness of narrative techniques as a core element in online courses and to “humanize” digital learning. During the workshop, we learned about different ways to implement narrative techniques in the classroom. With my population, I decided to design and implement a student-generated media project into a course I teach: level 4 Oral Communication: High-Intermediate level speaking, listening, and note-taking. One of the requirements is to do a 5-7 minute speech on a course topic and effects around the middle of the course. I have found in the past that students have struggled with the vocabulary and grammatical structures associated with discussing cause and effect in English. Therefore, I thought this would be a great area to explore these narrative techniques.

Mitsu Ogihara, Computer Science, College of Arts and Sciences

Digitalization of Lectures, Demos, and Class Interactions with Digital Tools

I would like to demonstrate how to use digital tools (Doceri, Camtasia, the Say What! Command, and PollEv) to make my presentations consistent, reliable, and fun and to make me mobile in the classroom.

Scotney Evans, Educational and Psychological Studies, School of Education and Human Development

Developing Students’ Emerging “Story of Self” as Citizens

Learning how to tell a story, the craft of what is called public narrative, is an important leadership and civic practice. Stories tell us who we are and how to act — they inspire us to act. This session explores a specific approach to helping students craft a “story of self” that expresses the values or experiences that form their civic identity and that call them to take on leadership for social change.

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Perl for Biologists: An Online Tutorial

I have recently completed preparing material for my online course on the subject of Los Angeles Film Noir (English 395). People can stop and click around one or several of my " Modules." The web designers (Department of Continuing and International Education) who paired my words with links and graphics really did a fantastic job and I think my course demonstrates how dynamic and visually interesting online courses can be. The website design, simple yet elegant, is platform-independent and works well on mobile devices. The creation of the website is a purely educational undertaking and is devoid of any commercial material; free access is granted, not just to our students.

Huseyn Kocak & Basar Koc, Computer Science, College of Arts and Sciences

Perl for Biologists: An Online Tutorial

Our website www.perfobiologists.org consists of a series of episodes featuring examples from genomics to help biologist learn the basics of the Perl programming language. No prior programming experience or knowledge of genetics is required. Each episode includes a video and a working code highlighting a particular aspect of Perl in the context of a specific research problem. The progression from episode to episode is nearly linear. After completing the final episode, the student will be able to download a genome file from NCBI, and search and tally intricate motifs. To assess the progress of the student towards becoming an independent computational scientist, exercises and a Perl tripos are provided. The website design, simple yet elegant, is platform-independent and works well on mobile devices. The creation of the website is a purely educational undertaking and is devoid of any commercial material; free access is granted, not just to our students.