

Academic Computing Advisory Committee

May 22, 2017 – 4pm
College of Engineering Active Learning Classroom
220 McArthur Building
Coral Gables Campus

ACAC members will meet in the College of Engineering's active learning classroom for the May 22nd meeting. The location is Rm 220 McArthur Building. Derin Ural will be present to give a tour of the room, then the Committee will remain in the room for a brief ACAC meeting.

Agenda

1. Minutes from April Meeting (attached)
2. Announcements/Updates
3. Adjourn

Upcoming Agenda Items:

- Streaming for the University (address in fall 2017 tba)
- Taking attendance electronically (ongoing, A. Gyorke, lead)
- Task Force on Online Education, part 2 (guest: Bill Green, fall 2017 tba)
- Eracent annual communication (A. Gyorke, lead)
- Research data curation (guest: Sarah Shreeves, fall 2017 tba)



University of Miami

Academic Computing Advisory Committee Meeting Minutes

College of Engineering – Active Learning Classroom (Room 220)

Monday, May 22, 2017

4:00-5:00 p.m.

Attendees: *Orlando Acevedo, Charles Eckman, Cheryl Gowing, Karen Mathews, Mary McKay, Marilyn Neff, Mitsu Ogihara and Tallys Yunes.*

Ex-officio: *Allan Gyorke*

Guests: *Dacia Simpson, Director, Classroom Management*

Guest Speaker: *Derin Ural, PhD, Visiting Professor, Civil Engineering*

AGENDA

Welcome: *Charles Eckman*

Dean Eckman welcomed the group.

College of Engineering – Active Learning Classroom

Professor Ural welcomed the group and provided a short [bio](#). As Department Chair for Civil Engineering at MEF University in Istanbul, Professor Ural was introduced to the *Flipped Approach to Higher Education* (Active Learning or Flipped Learning classroom). There she witnessed the success of the active learning methodology. As a visiting professor at UM, she stated that the College of Engineering Strategic Plan (CoE) integrated the Active Learning Initiative as one of its components in Redefining Engineering Education, thus, the CoE active learning classroom was created as a pilot. Through Professor Ural's background and experience in the flipped learning approach, she developed the Flipped Learning Workshop to provide the resources and teaching strategies faculty and TAs needed to create a successful active learning environment. She presented via PPT the following overview:

1. Motivation – [Blooms Taxonomy](#) (traditional vs. flipped learning)
2. Active Learning Cycle
 - a. College of Engineering Strategic Plan
 - b. Implementation of Active Learning Initiative
3. Results
 - a. Faculty, TA and Student Survey
 - b. Testimonials

Proven advantages in the active learning approach:

- Improved knowledge retention
- Deeper understanding of the material
- Engagement
- Self-directed learning
- Problem-based and team-based learning
- Student-centered
- Method works for all class sizes

With such positive outcomes, the CoE will increase its active learning classroom from one to three more by the upcoming 2017 fall semester. Professor Ural's presentations are posted on the [Provost website](#). Allan noted that tracking the success of the active learning method will have a positive impact on UM's

Quality Enhancement Plan and can help provide the evidence needed to develop more learning platforms similar to active learning. Discussion ensued.

Approval of Minutes

The minutes from the meeting held on April 24, was approved without modifications.

Announcements and Updates

- A motion passed to invite the new Provost to an ACAC meeting during the fall semester.
- The Data Curation initiative is partnering with ExLibris (an integrated cataloging and discovery system), along with the Office of Research Administration, UMIT and CCS to create a new research services platform.
- Learning Commons phase 1 construction is expected to start soon - contingent upon the budget.
- Allan will meet with Mark Diaz regarding the Educational Innovation budget. The outcome of that meeting will determine if technology in General Purpose classrooms will get updated. If that happens, then all classrooms will get updated. A governing structure will be established to determine what the higher priorities are. As academic representatives from UM's academic units, the ACAC Committee will have an input in the election process as well. He stated that he is newly appointed Assistant Provost for Educational Innovation, reporting to Dr. William Green for the next two years, with the possibility of becoming a permanent position. At which time, Allan will reevaluate his role as Ex-Officio on the ACAC Committee.
- Dacia noted that the OCM's proposal was still under review by the Provost Office. She will continue to keep the Committee posted.

Meeting Adjournment

With no further discussion, the meeting adjourned at 4:52 p.m.

Agenda for 2017-2018:

- Dr. John Bixby - data curation update
- Learning Commons update
- Laptop Lending Program
- Digital Media Lab attend an ACAC meeting
- Online Education Task Force update (part 2)
- Discussion-Based Learning Initiative
- Active Learning
- The Maker Movement
- Installation of 3D Printers
- Tour SONHS Simulation Hospital

Potential 2017-2018 Agenda:

- Laureate Education
- DCIE representation at ACAC meetings
- Updates on new events/conference management software
- Streaming for the University (address in spring 2017 tba)
- Taking attendance electronically (ongoing, A. Gyorke, lead)
- Learning Platform: Microsoft 365 – awareness of features (A. Gyorke, lead)
- Eracent annual communication (A. Gyorke, lead)
- Adobe Creative Cloud licenses for students

Minutes respectfully submitted by Elizabeth del Campo