

**Annual Report**  
**July 1<sup>st</sup>, 2012 - June 30<sup>th</sup>, 2013**  
**Educational Technologies at Missouri (ET@MO)**

<http://etatmo.missouri.edu>

Dr. Danna Vessell

Director

*ET@MO advances the meaningful use of educational technologies in teaching and learning at Mizzou through various programs, consultations and activities.*

ET@MO staff:

- 1) Engage in relevant strategic conversations, decisions, and initiatives to support optimal teaching and learning at MU
- 2) Facilitate the use of existing resources and infrastructure for quality, consistency, and efficiency in teaching and learning, as well as advocate for new resources and infrastructure as needed
- 3) Research, design, and implement relevant new educational technologies across the University in support of teaching and learning

<b>ET@MO Services - At a Glance</b>		
	2012 (% of total)	2013 (% of total)
<i>Total MU Courses supported on Blackboard</i>	5,705 (71% of all courses)	6,462 (70% of all courses)
<i>Unique Student IDs</i>	30,867 (91% of students)	33,570 (97% of students)
<i>Student Enrollments (student enrollment in each of their course sites)</i>	260,457	260,828
<i>Course Views</i>	75,824,065	114,031,711
<i>Students using Blackboard Mobile Learn</i>	8,346	11,207
<i>Teaching with Technology Awards</i>	2	5
<i>Course Reviews using Quality Matters</i>	58	12
<i>Celebration of Teaching attendees</i>	743 (180 from outside Mizzou)	438

<i>Mid-semester course surveys -- MOCAT</i>	<i>510</i>	<i>518</i>
<i>Sakai</i>		
<i>Courses using</i>	<i>96</i>	<i>101</i>
<i>e-Portfolio student sites</i>	<i>2,601</i>	<i>3,615</i>
<i>Tegrity</i>		
<i>Courses</i>	<i>715</i>	<i>874</i>
<i>Hours viewed</i>	<i>164,244</i>	<i>182,566</i>
<i>Blackboard Collaborate</i>		
<i>Virtual Classrooms (may be more than one per Blackboard course site)</i>	<i>3,815</i>	<i>5,174</i>
<i>Active Students</i>	<i>9,984</i>	<i>22,178</i>
<i>Kaltura videos (Spring 2013 only)</i>		<i>969</i>

### **Program Highlights**

ET@MO is a vital part of teaching and learning at the University of Missouri, both on campus and at a distance. Ensuring that educational technology is used to advance student learning requires that faculty members have access to professionals with both instructional design and educational technology expertise.

Since August 2012, we have merged nine full time instructional designers and developers from Mizzou Online into our staff so that all MU faculty members now have a one stop shop for instructional design and teaching support, regardless of the modality of the course that they are working on. This team, which is under the direction of our new instructional design manager Marc Lundstrom, is responsible for assisting instructors with course design and development for self-paced, face to face, hybrid, and fully online courses.

In addition, this has required some departmental restructuring as we expanded ET@MO from twenty-five full time people to thirty-four. Dr. David Reid has accepted the role of associate director, and expanded that role in the department to include the coordination of the Academic Technology Network (which will include not only Academic Technology Liaisons (ATL's), but others on campus who are interested in educational technologies), as well as facilitating intradepartmental collaboration and development and handling administrative responsibilities in the Director's absence. He graduated from the Administrative Leadership Development Program (ALDP) this year. Tanys Nelson is now the manager of both the Learning Technologies Team and the Mizzou Educational Technology Assistance (student) teams, which allows both teams to provide seamless assistance to faculty members. She graduated from the Chancellor's Emerging Leadership program this year.

In addition to the core team of educational technology and instructional design support, the Mizzou e-mentors and the ATL's continue to provide additional assistance for instructors. The e-mentors are faculty members who are recognized for their excellence in teaching with technology. The ATL's, who are instructional designers located in their local departments, expanded their support this year by furthering conversations about e-learning, participating in course redesign and the Mizzou quality course reviews, as well as providing multiple new opportunities for faculty to learn best practices with technology.

### **Strategic Conversations**

The staff members at ET@MO were able to assist with the communication and coordination of teaching with technology topics on multiple strategic levels, such as participating in:

- Technology Evaluation subcommittee
- MU Information Technology committee
- Learning Spaces committee
- Leading the SP2013 student e-book pilot
- Convening a campus wide e-book advisory committee
- E-learning library advisory board

### **Teaching Support**

We also planned and executed the Celebration of Teaching, which had fewer attendees than last year, but was well rated by participants. ET@MO staff presented at many campus workshops such as the Faculty Writing Intensive Workshop, New Faculty Orientation, and Graduate Teaching Orientation in support of good teaching with technology. We also offered six brown bags throughout the year and worked with five faculty members during Teachnology, an intensive one week project based experience.

Outside of the university, ET@MO staff presented at national conferences such as Educause, ESRI, Sloan-C, etc. We constantly strive to make sure we are current in the knowledge of our quickly changing field via attending conferences, reading blogs and webpages as well as participating with the larger community.

ET@MO continues to broaden its methods of disseminating information to instructors by utilizing YouTube, Facebook, Twitter and blogs, and further developing an e-learning resources web site – <http://etopics.missouri.edu>. <http://elearning.missouri.edu> is a multidisciplinary blog including posts from ET@MO staff, e-mentors, and other people from across campus engaged in teaching with technology. There is also a departmental website – <http://etatmo.missouri.edu>, and a learning technologies site – <http://courses.missouri.edu>. We continue to offer publications such as the Mizzou Cyberteaching Report and the twice-yearly Innovator.

Design and development of individual courses is ongoing, with literally hundreds of courses in multiple formats being developed. Of the semester based online courses, we worked with 623 this year, up from 314 courses last year. The team was able to

open 45 self-paced courses as well, which require a higher level of staff time to develop. Eighteen of these courses were brand new. One of the self-paced courses we opened last year received the Helen Williams award given by the Association for Distance Education and Independent Learning (ADEIL) --ENGLSH / LING ST 4610: History of English Language (Matthew Gordon).

Also in support of faculty and course development, we have reexamined several of our programs. We now have a full range of development opportunities in a variety of dimensions to support faculty. The first is the Teaching with Technology Fund, which provides faculty members with funds up to \$1000 for the purpose of purchasing software and hardware to assist with teaching.

The individual course development program is Academic Transformation. This provides additional funding or release time of up to \$5000 to develop hybrid or fully online semester based courses.

Through the largest undertaking, the MU Course Redesign project, we have focused on redesigning large enrollment, multi-section undergraduate courses. The following are the Mizzou courses being redesigned for the 2013-2014 academic year.

- Anatomy, School of Medicine – 2201 and 2203 - Carol Ward (initially)
- Communication – 2100 - Lissa Behm-Morawitz
- Engineering – 3261 - Patrick Pinhero
- Finance – 2000 - Michael Carter
- Journalism – 1010 - Earnest Perry
- Management – 3200 - Sandy Crews
- Textile & Apparel Management – 2200 - Kerri McBee-Black

In the future, we are planning on using the Course Redesign funding to help academic units focus on redesigning programs instead of individual courses for an even larger impact on teaching and learning. We are currently putting together the details for that program.

We also plan to participate with Mizzou Online in the second call for online program development funding during the Fall 2013 semester. While continuing to develop the 167 new courses received from the first RFP, we will be providing course and faculty development support for up to 250 additional courses as new fully online programs are developed in response to the second RFP.

### **Awards Coordination**

We coordinated or awarded the following recognitions for faculty members;

- 2013 Excellence in Teaching with Technology Awards
  - Undergraduate teaching – Kerri McBee-Black
  - Graduate teaching – Jill Ostrow
  - Graduate instructor – Tilanka Chandrasekera
- MU Nominees for the 2013 U.S. Professors of the Year – Bethany Stone and

Joshua Millspaugh

- The 2013 International Conference on College Teaching and Learning Award for Innovative Excellence in Teaching, Learning and Technology - Kerry McBee-Black
- Nominations for the 2013 Minerva Award and the 2013 SEC Professor of the Year Award.

### **Technology Support**

Learning technologies team members also continued to support various educational technologies such as the student response system (“clickers”), lecture capture and videocasting via Tegrity, video transcoding and storage via Kaltura, wikis and blogs, as well as the video conferencing software Blackboard Collaborate. We worked with Student Information Systems to provide an easier and faster automated course request system for faculty members to set up their Blackboard courses. ET@MO will also be supporting VoiceThread, which allows instructors and students to easily provide audio commentary around multimedia, and is exploring web-based clickers as well as multi-device response systems such as Top Hat.

The META Team serves the educational technology support needs of faculty while providing students with valuable educational experiences alongside some of MU's most innovative faculty members. This year, the members of the META Team provided 50 individual faculty consultations. In addition, they staff the ET@MO open lab hours for faculty every Thursday from 1-3.

### **Assessment Support**

ET@MO staff members were able to provide several opportunities for faculty members to assess their teaching. The MoCAT (Missouri Cares About Teaching) course evaluation system was used to administer 518 mid-semester surveys in order to provide formative feedback while the faculty member still had time to make changes. Since the administration of the end of semester surveys (both paper-based and online) is transitioning to the Assessment Resource Center, we've been working closely with them to make sure their product meets the needs of instructors. We will also be exploring the use of their product to support mid-semester evaluations.

### **Goals for ET@MO in 2013-2014**

The 2013 Educause Learning Initiative Horizon Report suggests that over the next few years, there will be a number of interesting technologies used for teaching and learning at the higher education level. These include the following;

- Massively Open Online Courses (MOOC's)
- Tablet Computing
- Games and Gamification
- Learning Analytics

We've been exploring the uses of tablets in teaching and learning, particularly with using iPads in the classroom and wireless projection. Several of our staff members have taken MOOC's, and we continue to examine ways they might be used at Mizzou.

We will be integrating Starfish with Blackboard in the near future in order to access learning analytics to support student persistence and have installed several tools to be able to retrieve more information about the tools instructors are using to drive our strategic decision making.

An additional goal is to have more marketing and a clearer definition of the services that we offer. One of the most consistent pieces of feedback that we received via the campus wide survey is that a few people didn't know the services we offered or didn't understand how to access them.

Overall, we will continue our work over the next year in helping faculty members "teach well with technology" by supporting innovation, providing excellent design and technology assistance and furthering strategic conversations wherever possible.