Happy New Year, and welcome to the Spring 2013 semester! The EdTech team and I hope you had a relaxing and refreshing break and are ready to join us in the many opportunities for enhancing your teaching and learning experiences!

A few highlights for Spring 2013 include:

- EdTech U – the hands-on, drop-in service for instructors has a new, even more flexible schedule to better meet your needs. Another enhancement is the availability of technology in the Faculty Center next door through a partnership with FUMFRR. Check it out! There will be a drawing at the end of the semester for participation rewards!

- TLT Conference – our sixth annual Teaching and Learning Technology conference is even better than past years. Be sure to register early, our conference has become very popular – we have presenters and attendees from across the state, mid-west, and nation!

- eLearning Community of Practice (eCoP) & Provost’s eFellows Program – last year the eFellows Program was expanded to include three program tiers. The response from campus has been wonderful! EdTech instructional designers are now working with the largest eFellow cohort in the history of the program! Even if you are not in the eFellows Program, you can participate with your peers in the eCoP. Contact Angie Hammons for more information.

- CLC and ClassTech upgrades – we have refreshed a number of software titles across CLCs and classrooms (see http://edtech.mst.edu/clc for details on software availability). Significant classroom technology improvements were made in Toomey 199, Castleman 137 and 138, bringing these rooms up to the standard features found in other classrooms on campus.

- The EdTech team is dedicated to providing the best possible solutions for teaching and learning. If you have suggestions for improvement, please bring them to our attention.

- Have a successful semester!

**Who is Ed?**

Educational Technology provides services and support to facilitate the implementation and use of technology within a classroom environment. Visit us online

edtech.mst.edu/generalinfo/about/

**Angie Hammons** manages the Educational Technology team and several student workers. The team includes:

- **Gandalf Sidio**: Application Support Specialist
- **John Petrikovitsch**: Learning Space Coordinator
- **Chris Hillen**: Classroom Technology Support
- **Ryan Sims**: System Administrator-Specialist
- **Jeannie Headrick**: Business Technical Analyst

**Our Instructional Designers and Technologists:**

Consult with faculty to integrate technology and best teaching practices

Assist in course redesign in order to improve traditional courses as well as blended/online courses
CLOSING KEYNOTE SPEAKER

Dr. John P. Hogan
Associate Professor of Geology at Missouri University of Science & Technology

Technology Assisted Teaching – Enhancing Creativity by Taming Mediocrity

Scholars, as an important asset of universities, are recognized for possessing an elevated level of technical expertise and a propensity for creativity in their respective disciplines. This combination is essential to training the next generation of scholars. Universities typically underutilize their scholars by distributing knowledge during lecture through the use of “town-crier” technology. This limits opportunities for students to develop true creative thinking. Existing technologies can be leveraged by scholars to meet the needs of delivering basic content, training, and practice related to a subject. This allows universities to rebalance the outcomes of face-to-face time with students towards developing creativity—an asset presently unattainable on the Internet. Strategic adaptation of technology will allow universities to fulfill the societal needs for a technically trained workforce and increase the probability of shaping holistic scholars, thus affirming the relevance of universities in society.

For more information about Dr. Hogan, visit:
http://tinyurl.com/TLT-2013-Hogan

MARK YOUR CALENDAR!

CONFERENCE DATES MARCH 14-15

GENERAL INFORMATION

The conference will take place in the Butler-Carlton Civil Engineering Building on the Missouri S&T campus. This event is FREE! to all attendees. There are no registration fees and all food is provided on both days of the event.

THEME:
Assessments - From Syllabus to Final

Conference Website:
http://edtech.mst.edu/events/tltconference2013/

CONFERENCE TRACKS

- **Teaching with Technology** – Enhancing the instructional process by including a technology component
- **Blended Learning** – Replacing some or all of the face-to-face communication in class with online tools
- **Best Practices in Teaching Strategies** – Pedagogical theories on effective teaching (with or without technology)
- **“Hands-on” Activity** – Computer labs are available for hands-on presentations or demonstrations
- **K-12 Education** – Offered by popular demand, issues that are of interest to those in K-12

In addition to the tracks outlined above, the Center for Educational Research and Teaching Innovation (CERTI) and the Vice Provost for Academic Affairs at Missouri S&T supported several mini-grants towards educational research projects. The recipients of the mini-grants will be showcasing their research work on Friday, March 15.

OPENING KEYNOTE SPEAKER

**Dr. Richard M. Felder**
Hoechst Celanese Professor Emeritus of Chemical Engineering at North Carolina State University

Science, Mathematics, Engineering, and Technology (STEM) Education in Five Years—Or Sooner

The ongoing debate over STEM education involves four focal issues:

1. How should STEM curricula be structured?
2. How should STEM courses be taught and assessed, and what role will technology play?
3. Who should teach?
4. How should the teachers be prepared?

This talk outlines the opposing positions on each of these issues and offers predictions about the probable outcomes. It also establishes the need for solid research to confirm the effectiveness of alternative instructional methods and materials.

For more information about Dr. Felder, visit:
http://tinyurl.com/TLT-2013-Felder

TLT Keynote Speakers

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Associate Professor of Geology at Missouri University of Science & Technology

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CERTI will be hosting two faculty learning communities this semester. Both events are brown bag lunches, with dessert and drinks available. Reserve your spot by contacting Diane Hagni (hagnid@mst.edu), CERTI coordinator. Both events are in the Gasconade/Maramec Room in the Havener Center.

FRIDAY, FEB 1, NOON:
- "Generating Fruitful Classroom Discussion"
  ◊ Dr. Katie Shannon, Associate Teaching Professor of Biological Sciences
  ◊ Dr. Shannon Fogg, Associate Professor of History

WEDNESDAY, MAR 6, NOON:
- "Mission Possible: Motivating Students to Learn"
  ◊ S&T instructors who are rated by students as being highly motivating instructors

Faculty who are considering an educational research project for their classes in the upcoming semesters may be interested in a series of trainings starting in spring 2013 called Faculty Learning about Educational Research (FLER), sponsored by CERTI.

Contact Diane Hagni for more information.

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**2013 eFellows**

**PROGRAM DESCRIPTION**

**Tier 1 — Course Redesign for Blended/Online**
Awards up to $5,000. Projects include a ‘whole course’ redesign to a blended or online mode.

**Tier 2 — Stepwise Redesign**
Awards up to $2,000. Course redesign projects with smaller scope, targeting specific course aspects, but which could eventually lead to a whole course redesign over time.

**Tier 3 — Teaching with Technology**
Awards up to $1,000. Projects to adopt technology and related teaching strategies to improve teaching and learning.

**Call for Participation for eFellows 2014:**
The 2014 eFellows Program call for participation and workshop will be available at the TLT conference in March. Contact EdTech for more information.

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**EdTech U**

EdTech U is an opportunity for instructors to gain some hands-on instruction from Educational Technology staff on a small bit of technology that is troubling them. For instance, suppose an instructor would like some assistance in uploading content into a Blackboard course, or downloading participant lists from Blackboard into TurningPoint, or creating TurningPoint slides, or learning how to use Respondus. EdTech U is the place to be to learn all of these things and much, much more.

Stop by for 15 minutes. Stop by for an hour.

**LOCATION:**
Interdisciplinary Engineering Building Room 105

**HOURS:**
Noon to 3 p.m.

**DAY OF THE WEEK:**
Tuesdays during Spring Semester

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**2013 eFellows PARTICIPANTS**

**Tier 1:**
- Dr. Mary Ann Koen - Interdisciplinary Engineering 50
- Dr. Dan Reardon - English 20
- Dr. John Seiffert - Computer Engineering 213

**Tier 2:**
- Dr. Bonnie Bachman - Business 330
- Kellie Grasman - Engineering Management 137
- Adam Martin - Biology 110
- Dr. Joan Schuman - Engineering Management 254
- Dr. Katie Shannon - Biology 211

**Tier 3:**
- Dr. Matt Insall - Math 208
- Kim Kinder - Math 15
- Dr. Theresa Odun-Ayo - Electrical Engineering 151
- Kelly Tate - English 20

**University System Grant:**
- Dr. Katie Grantham and Dr. Susan Murray - Engineering Management Safety Certification

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**eLearning**
EdTech Values

3Es – Enhance, Extend, Enable
Help enhance, extend, and enable learning through effective use of technology and teaching practices.

Teaching and Learning First, Technology Second
Support effective and innovative teaching and learning environments.

Customer Service and Relationships
Deliver services with the customer’s perspective in mind and achieve strong, respectful relationships with faculty and students.

Productive Collaboration
Establish collaborative partnerships that produce mutually beneficial results.

Trouble with Technology?
Contact the Help Desk at (573) 341-HELP or submit an online Help Request at:

http://help.mst.edu

Please have following information available:

- Which operating system are you using?
- Which browser (include version) are you using?
- What time did the problem occur?
- What steps were you taking when the problem occurred?
- What error message did you see?

Providing this information will help IT support staff resolve your problem better and faster.

Supporting students, faculty, and staff.

EdTech Resources

EdTech Connect
http://edtechconnect.mst.edu

Our EdTech Connect blog includes the latest findings in the area of educational technology. Find tips for Blackboard 9, information on Quality Matters, online learning, blended learning, and more.

Follow EdTech on Facebook!
http://tinyurl.com/3txfuox

EdTech has a Facebook fan page, managed by one of our student workers. Here we can link to other news and resources in the Educational Technology world that may be of interest to other Facebook fans.

Google Apps for Education
http://it.mst.edu/googleapps.html

Alternative document storage/collaboration and web site management for students, faculty and staff.