Missouri S&T
Provost’s eFellows Program

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S&T Educational Technology
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About this session:

- Overview Provost’s eFellows Program
- Hear from veteran eFellows
- Overview program application process, timeline, requirements
- Questions and Answers
eLearning Initiative(s)
Opportunities & Challenges

“Our Students have changed radically. Today’s students are no longer the people our educational system was designed to teach.”

---Marc Prensky
“Digital Natives, Digital Immigrants, 2001

2009 was a year of change
The ‘Perfect Storm’ for eLearning

• In 2009, we had the ‘perfect storm’ to make the case for eLearning:
  – reduced state funding
  – hiring freeze and faculty workload issues
  – growing enrollment with shortage of classroom space
  – a UM System strategic initiative to help provide resources
Kick-off Strategy

• Provost gathered group of engineering chairs for a rigorous discussion during Fall 2009
  – What is eLearning? Does it fit for S&T? Can we address the obvious obstacles?
• eFellows Program “pilot” emerged as a way to incentivize and support faculty to redesign courses for blended delivery
Provost’s eFellows Program

- 2010 – 3 courses (pilot)
- 2011 – 5 courses (pilot)
- 2012 – compressed for 2013 launch (pilot)
- 2013 – expanded, tiered, *campus-wide*
  - 3 Tier 1
  - 5 Tier 2
  - 4 Tier 1

**eFellows Program** – Established to provide year-long, focused support for faculty to develop courses that use best practices for blended and online learning. Includes CyberEd course for essential concepts; and establishes cohort for peer support.

**eLearning Community of Practice (CoP)** – Established (2010) to extend the eFellows support model to faculty interested in applying these practices to courses, in smaller scale, at their own pace.
And a Medal!

2010 eFellows Cohort

2011 eFellows Cohort

2012 eFellows Cohort
Words of Wisdom

http://classes.mst.edu/edtech/schramm/schramm.mp4
Timeline: Important Dates

April 19\textsuperscript{th} - Letter of Intent Due

~consult with EdTech staff~

July 1\textsuperscript{st} - Full Program Applications Due

August 16\textsuperscript{th} - Awards announced

Then the work begins!
eFellows Program Cycle

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- **Apply**
- **Award**
- **CyberEd & Redesign**
- **Pilot**
- **Expand**
- **mentor**
Application Requirements
Tier 1 – Course Redesign for Blended/Online

• Project is a “whole course redesign”
• Follows the Missouri S&T Blended/Online Course Development Guide
• Proposal submitted/accepted at beginning of program cycle
Application Requirements
Tier 2 – Stepwise Redesign

• Project is smaller scope redesign, targeting specific course aspects, but intend to eventually lead to a whole course redesign over time

• Follows the Missouri S&T Blended/Online Course Development Guide

• Proposal submitted/accepted at one of 2-3 calls for participation during program cycle
Application Requirements
Tier 3 – Teaching with Technology

• Adoption of technology and teaching strategy to improve teaching and learning
• Follows best practices for teaching with technology
• Proposal is submitted/accepted at one of 2-3 calls for participation during program cycle
General Evaluation Criteria

• Evidence the project will enhance teaching and learning
• Project is part of a plan to redesign a sequence of courses, degree or certificate program and is consistent with campus and departmental priorities
• Commitment of funds or other resources from the department
• Strength of project team (e.g., course development expertise, use of educational technology, commitment to excellence in teaching)
• Number of students impacted
• Evidence that success can be expected
• Increased efficiency in the use of faculty and/or staff time
• Increased efficiency of scheduled classroom space
• Collaboration with other department(s) or campus
Faculty eStudio

Enable adoption of new, emerging technologies and course content production

- Staffed, drop-in
- By appointment
- DIY anytime (after hours)
Important Dates

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Then the work begins!
Questions?