Missouri S&T
Provost’s eFellows Program

Meg Brady, Director
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*

**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
Words of Wisdom

• Kellie Grasman

• Jeff Schramm

• Jeff Thomas
Timeline: Important Dates

April 15th - Letter of Intent Due
~consult with EdTech staff~
June 30th - Full Program Applications Due

August 1st - Awards announced

Then the work begins!
Missouri University of Science and Technology

eFellows Course Redesign Timeline - Detail

Cohort 2013

Apply
Award
CyberEd & Redesign
Pilot
Expand

March
Call to Participate
Participation Workshop
F2F-Online F2F
1st F2F at TTL Conference + All Date
Letter of Intent due April 15
Work with ID on Proposal
Applications Due June 30
Awards made by Aug 1
Participate in CyberEd course
Work with ID on course redesign
Pilot in at least one section
QM review at end of term
Work with ID to revise course
Expand to multiple (all?) sections
Help mentor next eFellows cohort

April
May
June
July
FS12
SP13
SS13
FS13
SP14
SS14
FS14
SP15

Tier 1, 2, & 3 Solicitations
Tier 2 & 3 Solicitations
(TBD)
# eFellows Program Cycle

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**Cohort: 2013**
- Apply
- Award
- CyberEd & Redesign
- Pilot
- Expand
- Mentor

**Cohort: 2014**
- Apply
- Award
- CyberEd & Redesign
- Pilot
- Expand
- Mentor

**Cohort: 2015**
- Apply
- Award
- CyberEd & Redesign
- Pilot
- Expand
- Mentor

**Cohort: 2016**
- 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
CyberEd: Designing Online/Blended Courses

Over the course of the academic year, eFellows are “students” in a blended course, designed to give them the essential knowledge and tools for redesigning a course for blended or online learning

- Online learning modules in Blackboard
- 6 face-to-face sessions (3/semester)
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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Questions?