DOLCE Meeting Minutes  
October 5, 2012

Attendees: James Carey, Steve Faith, Dan Comins, Rosemary Capps, Mary Stewart (note-taker), Andy Jones, Susan Keen, Antonella Bassi, Deanne Meyer, Karen Dunn-Haley, Wendy Silk

Andy Jones, Academic Associate Director of ATS  
- This is the new version of FUSS.  
- We are also filming these meetings now.  
- New program: Faculty Panels  
  o Third Fridays at noon.  
  o Oct 19 we’ll be talking about blogging with Chris Thaiss and Lisa Pruitt  
  o Nov 16 we’ll talk about YouTube with Jonathan Eisen, Annaliese Franz, and Brad Henderson  
- Coming up: Piloting WordPress sites for faculty to use  
- Also looking for faculty to pilot hybrid courses, as well as lecture capture

Susan Keen, Associate Dean of Undergraduate Academic Programs for the College of Biological Sciences  
- Keen discussed how her approach to lectures and labs has shifted over the years. Instead of dumping knowledge into her students’ heads, she presents pieces of information that lead her students to individual discoveries of key concepts.  
- As Keen put it, “in the past, I might have said a good teacher makes those connections transparent; now I think maybe a new method of teaching is withholding that logic and leading the students to make those connections on their own. After all, people did actually discover these concepts, and they didn’t discover them whole-meal.”  
- If you can trace the steps of the people in your field who discovered fundamental concepts, and present those same bits of information to your students, then your students experience the process of making that discovery.  
- In her labs, Keen has started using question cards. Working in pairs, students move around the lab and discuss the question on a card, then they check if they were right (the answer is inside the card). Students later shared with keen that they felt like their brains had been reformatted; “and that’s the whole goal,” says Keen, “to teach them to approach the problem in a way an experienced learner would.”  
- Keen wanted to create an online experience that would involve the Socratic method of the labs and the teaching-by-discovery method of the lectures.  
- She got an NSF grant to create online, self-guided modules. The goal is for these modules to be customizable; teachers can go into the back end and say they want modules 1-3 and then use those as they deem appropriate for their courses.
- She hired ATS MediaWorks programmer Bob Burnett to create animations for the modules, and then she has video voice-overs that describe and explain the animations to the students. She does not use a script, which keeps the audio conversational, as it might be in an actual face-to-face class.
- Keen advocates strongly for student testers.
- The modules are public and Keen’s next challenge is dissemination.

**Rosemary Capps, Center for Excellence in Teaching and Learning**
- Next Friday, MU conference room II. Showcase of Online and Hybrid Learning. What Susan just gave is very similar to what we’ll see on Friday.
- Two workshops – on Thursday (focus on teaching) and Friday (focus on tools)