Future Learning Technologies Group
Teaching with Technology at Carleton
What is the FLTG?

- Grew out of the Strategic Planning process related to online learning
- 3-5 year mission to explore the current and potential role for technology and teaching
- Membership includes faculty from a range of divisions and disciplines as well as the LTC Director, DAT/CTO, Director of Educational Research and an Associate Dean
FLTG Membership

Greg Marfleet, Political Science, Chair
Melissa Eblen-Zayas, Physics
Chico Zimmerman, Classics
Daniela Kohen, Chemistry
David Liben-Nowell, Computer Science
George Shuffleton, English, Associate Dean
Fred Hagstrom, Art, Director of Perlman LTC
Janet Russell DTA & Janet Scannell, CTO
Andrea Nixon, Director of Educational Research
What does the FLTG do?

- Conversation
- Coordination
- Consultation
- Collaboration
Conversation

- Fostering discussion of technology
- Learning from innovators on campus
- Sharing insights about teaching with tech
- Sponsoring LTC Events
- September ‘13 Technology and Pedagogy Workshop
Coordination

- FLTG curricular innovation grants
  - Five Social Science Projects (6 faculty)
  - Two Arts Projects (4 Faculty)
  - One Science Project (2+ faculty)
  - Three Humanities Projects (3 faculty)
- Projects include resource development for blended learning, class flipping experiments, and on-line testing and assessment tools
Example Grant Projects

- Al Montero (POSC) comparing student performance in a blended class with video lectures and traditional face-to-face intro class
- Steven Morhing and Kelly Connole (ARTH) developing safety and instructional videos to improve the teaching of fine technique and save class time used in training
- Linda Burdell (SPAN) creating a bank of online quizzes paired with video for use across 200 level classes
Consultation

CTO/DAT
- Establishing Priorities
- Considering best use of resources
- Evaluating alternative platforms & software options
- Encouraging adoption of new & common technology

President
- Exploring partnerships with other institutions
- Investigating third-party offerings (2U, EdX)

Campus Governance
- ECC
Collaboration

- Third party collaboration
  - Campus Visits: 2U “Semester Online”
  - Campus Visit: EdX
  - Site visit to EdX

- Peer institutions
  - LACOL (Liberal Arts Consortium for Online Learning)
    - A Partnership of Amherst, Carleton, Claremont McKenna, Haverford, Pomona, Swarthmore, Vassar, and Williams College
    - Co Directed Dr. Bryan E. Penprase (Pomona) and Dr. Andrea Nixon (Carleton)
  - ACM Associated College of the Midwest
LACOL

- Inaugural Consortium Meeting June 1-2, Pomona
- Five Representatives from each member institution
- Four Themes
  - Preparing Students for Engagement Through Quantitative Skills
  - Active vs Distracted Reading
  - More Effective Teaching and Learning with Technology
  - Language Instruction and Technology
Principles and Priorities

Document included in your packet
Faculty Response

- HERI Survey Results on the question of Blended Learning
  - 62% indicate they already teach this way or would like to
  - Close congruence between self report results and perception of prevalence on campus (62% - 67%)
  - When asked about Carleton’s engagement with online and blended learning 76.8% say we’re moving in the right direction and at the right speed
  - A further 7% think that we could move faster.
The Latest Developments

- Exploratory Trial Installation of PanOpto - Lecture/Classroom Capture Technology
- Teaching with Technology Showcase
- LTC hosted discussions of Distracted Reading -- one of the LACOL priorities
- Faculty & DTA attend ACM Conference on Technology-Enabled Education and Collaboration Grant opportunities
- Winter Break Workshop on Best Practices for Teaching using Lecture Capture & Screen Capture for Blended Learning
- Soliciting a Second Year of Curricular Innovation Grants