Canvas Beyond the Basics

- Course Design Innovations
  - Retaining information
  - Promoting student engagement
- Course Dynamics Analysis
  - Analyzing student interaction
- Enhancing Course Materials
  - Using video in Canvas
- Encouraging Active Learning in Class
  - Screen sharing
- TEACHx: May 19, 2017
- Learning Communities
- Resources
Make It Stick
Flashcards are a great quizzing tool
Chyi Chung
Compare Two Sections

• Section 1: with pre-class quizzes on vocabulary and grammar

• Section 2: without pre-class quizzes
Results

• Spring quarter experiment still underway
• “As a teacher, this project has taught me to shift the focus of my instruction. I now prepare for my classes not just thinking about ‘how’ to deliver the course materials included in the syllabus, but also ‘what’ the students need me to teach.”
Make It Stick

• Create quizzes in Canvas
• For self-testing, make the quizzes endlessly repeatable (suggest gaps in self-testing)
• Make quizzes low- or no-stakes
• For your class prep, make them due a few hours before class time
Ever have this problem in class?
Student Engagement

The problem: Journalism Residency students disconnected, in different positions in disparate places. How to keep them connected?
Question of the Week

• Quarter 1 (optional): less-than-spirited responses
• Quarter 2 (mandatory): dutiful responses, but no sharing of photos or links to stories they were writing
Quarter 3: Yellowdig in Canvas

Pick n Pay says sorry for quality of fruit and veg | IOL

My first article for The Star, written on my first day of work.

Rising food prices are no longer the only impact that SA's record-breaking drought has had on grocery stores around the country.

Canvas Became My Facebook!

- 19 students, 109 interactions
- Instructor has 483 interactions
- Interactions include pins, comments, votes
Using Yellowdig

- Learn more about Yellowdig (includes instructions on setting it up in your Canvas course)
- Yellowdig website

- Canvas integration
- Mobile app
- Twitter integration
Measuring Engagement

Northwestern University › Analytics › 2016 Spring

- 2,099 Courses
- 1,964 Teachers
- 17,165 Students
- 23,794 Assignments
- 20,281 Discussion Topics
- 94,839 Files Uploaded
- 2,699 Media Recordings

Activity by Date

Graph showing page views and participation activity by date.
Two Tools for Engagement

Nebula
- New way of viewing and participating in discussion boards
- Discussions are presented as a network graph
- More visual alternative to traditional discussion boards

Yellowdig
- A discussion board tool with the look and feel of Facebook or Reddit
- More visual alternative to traditional discussion boards
Two Sets of Data

Nebula Instructor
Yellowdig Analytics

WEEKLY GROWTH
YELLOWDIG VISUALIZATION
Video in Canvas

Lots of options, including:

- **Record video in Canvas**

- **Record yourself in Blue Jeans** (via Canvas)
  - Get a Blue Jeans account
Video in Canvas

More options:

• Record in the One Button Studio
  – Reserve One Button Studio

• Record in the Lightboard Studio
For Example…

• Arancha Alarcon-Fleming used the Lightboard for her Mechanics of Materials class
Screen Sharing in Class

**Solstice:**
- 33 classrooms in Tech
- All classrooms in Kresge
- Encourages collaboration
Screen Sharing

Any local WiFi or Ethernet network

Windows PC with Solstice Display software

Smartphone

Laptop

Tablet
About TEACHx

Promoting Experiments in Teaching and Learning

Save the date: May 19, 2017

http://www.teachx.northwestern.edu/
Join a Learning Community

EdTech Teaching Fellows

- Faculty
- Explore blended learning opportunities

Experimental Teaching and Learning Analytics at Northwestern (ETLAN)

- Faculty and staff
- Explore learning analytics (data from Canvas and other systems)
Funding Opportunities

**Provost’s Digital Learning Fellowships**
- Proposals due Oct. 31, 2016
- Seed funding to support digital projects to enhance Northwestern students’ learning through the innovative use of technologies

**Searle Center Innovative Teaching Grant**
- Proposals due Feb. 15, July 15
- To prepare new course, new material, new assessments
Wrapping Up

• Explore with us!
• Learn more during summer workshops
• Set up a consultation