Food Writing, Tarantulas and the Paperless Classroom: Yale’s iPad Experiment

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What we’ll cover

- What is this experiment?
- Evolution of the program
- Examples of the project in action
- Challenges and Benefits of Collaboration
- Lessons Learned
Yale’s iPad Program

– Instructors submit proposals for use of classroom set of iPads (up to 20)
– Academic Computing provides pedagogical and technical support
– Library loads the apps, images, and distributes the iPads
– Participants expected to evaluate the program and share their experiences with other staff and faculty
– Items loaned for variety of timeframes (2 weeks, semester, academic year)
Yale’s iPad Program

– Not a laptop lending program
– Not a general tablet circulation program

– Chance to learn mobile technology and develop understanding from user perspective
– Learning how to support circulation of iPads for a variety of reasons
– Opportunity to collaborate and experiment on exciting project
• Kindle Project
• iPad Shop
• Program expansion
Shady Nasser – Elementary Modern Standard Arabic

- iPad 1s (spring)/iPad 2s (summer)
- Individual check out (no accessories)
- Consumption/Production
  iFlash
  Flashcards Deluxe
  Quizlet

Spring/Summer 2011
First impressions

- Difficulties in imaging iPads in multiples
- iPads are inherently for individual use rather than enterprise use
  - Performing updates when iTunes accounts are ‘owned’ by Library (e.g., iOS 5 in Fall ’11)
- What standard apps should all iPads come loaded with?
- Desire to have a general circulating set of the iPad1s when iPad2s are purchased
  - iPad Usage Study
iPad Usage Study

- Done in July/August 2011
- Handed out 12 iPads to faculty, staff and graduate students
- 4 week loan
- Participants asked to record in a diary 3x/week
- Participants asked to try out library resources (eBook, EBSCO, Library catalogs)
- Results gathered through Qualtrics

VS.
iPad Study Results

- Entertainment (32%) vs. Research (25%)
- Good for travel
- Data gathering tool for social sciences
- Examining high res images
- Problems with e-book interfaces (esp. PDFs)
- Problems with using VPN
- Problems with touchscreen keyboard
- Favorite apps
  - Netflix, Papers, Evernote, Pages, Email, Keynote
- Recommendations:
  - Purchase physical keyboard, Proxy support, Configure for Yale wireless network, wiping personal information upon return
Julie Newman – Sustainability and Institutions

- iPad 2s (18)
- iPads checked out individually
- Wanted to go totally paperless
- Consumption (readings, browsing, etc.)
- Production (writing, camera, annotation)
Barbara Stuart – English 121 Writing About Food
- iPad 2s (18)
- iPads checked out individually
- Consumption (readings, browsing, etc.)
- Production (writing, camera, annotation)

Marta Wells – Lab for Principles of EE&B
- iPad 1s (18)
- All iPads checked out by instructor
- Consumption only (videos)
- Class set - remained in lab
1 year later – now what?

- Interest in expanding to 2\textsuperscript{nd} library location
- Outreach and raising awareness to community
  - TwTT
- Yet another iPad
- Brainstorming workshop
- Creating a sustainable model
Sustainable model

- Clear roles for ITS, Library IT and Access Services
- Who pays for what?
- Develop imaging process
- Develop app purchasing process
- Investigating Mobile Device Management
- Agreeing on peripherals
- Creation of Mobile Management website for depository of information.
Challenges and Benefits of Collaboration

Challenges
- Communication
- Protocol
- App purchasing/updating
- It’s always going to be an experiment

Benefits
- Staff can excel at what they are good at
- Learning opportunity
- Patron experience
Lessons Learned

- Imaging
- Data
- Personal iPads
- Protocol (GRP)
- Communication
• **Breton Cart**
  - 30 iPads at a time
  - Great for charging
  - Still takes some time
  - Mobile
  - Problems with connecting to iPad

• **ParaSync**
  - Durable case
  - 16 iPads/time
  - Have 40 iPad cart
  - Could be useful for fieldwork
  - Problems in securing hardware for manufacturer

• **Mobile Device Management**
Data & Personal iPads

• **Data**
  - **Factory Reset upon return**
  - **How to port off user data**
    - Dropbox can’t be the answer
    - Perhaps the cloud

• **Personal iPads**
  - Gift card
  - Codes from VPP
  - Best solution = MDM
Goals, Roles and Procedures

• Goals

• Roles
  – ITS Responsibility
  – Library IT Responsibility
  – Access Services Responsibility

• Procedures
  – Prepping hardware
  – Distribution
  – Terms of Usage
  – Prepping
Communication

- **Internal**
  - Mailing List
  - Mobile Management [website]

- **Faculty**
  - One point of contact

- **Students**
  - Library Staff
- Fall 2012
- Textbooks
- iPad Mini
- Android Devices
- This will always be an experiment
Questions?

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