JSN iPad2 Integration Project: Sharing Strategies

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Recommended Citation
Smith, EdD, RN, Kellie; Shaffer, MSN, RN, Kathryn; Hanson-Zalot, MSN, RN, AOCN, Mary; Frisby, PhD, Anthony J.; and Swan, PhD, CRNP, FAAN, Beth Ann, "JSN iPad2 Integration Project: Sharing Strategies" (2012). *College of Nursing Faculty Papers & Presentations*. Paper 52.
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JSN iPad2 Integration Project: Sharing Strategies

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Session Objectives:

- State an example of an iPad2 curricular integration strategy.
- Identify at least one benefit to tablet computing in healthcare education.
Project Origin

• Educational Technologies Advisory Group
  ◦ Includes one representative and one alternate from:
    • Library
    • Education Services
    • JeffIT
    • JCGS, JMC, JSHP, JSN, JSP, JSPH
iPad Project Origin

- Educational Technologies Advisory Group
  - Charged with reviewing, evaluating and recommending new instructional technologies
  - Was considering how tablet computing could enhance student learning, access to information, and potential for assessment
Pilot Project: JSN FACT Cohort

- The Facilitated Academic Coursework Track (FACT) is for highly talented students who already hold a bachelor’s degree in a field other than nursing. FACT students earn the BSN degree in 12 consecutive months of intensive full-time study.

- Students accepted into this program option are admitted to both the undergraduate and graduate programs. During the program’s undergraduate phase, students earn 55-credits, and an additional 9 graduate credits at JSN. Students are scheduled for theory course content two days per week; and clinical practicum experience 24 hours per week. This schedule allows time to integrate theoretical concepts and constructs into clinical practice. Clinical hours may include evenings and weekends.

- At the end of the program, students take the state nursing licensing exam and if successful, select their specialty area in the MSN specialty they wish to pursue.
JSN: FACT

- Jefferson School of Nursing has included using a personal digital device (qualified smart phone, pda or iPod Touch) in its curriculum for several years.

- These devices are used in the classroom, simulation laboratories and clinical setting.

- The content made available on these devices was from Unbound Medicine – Nursing Central. It included:
Nursing Central™ is the premier source of disease, drug, and test information for nurses. Five trusted references, including a leading medical dictionary and literature searching, make finding answers and improving patient care easy. Learn More...

Browse

- Davis's Drug Guide
- Davis's Lab & Diagnostic Tests
- Diseases and Disorders
- MEDLINE Journals, Selected
- Taber's, 21st Edition

Nursing Central™ for Mobile Devices

Nursing Central, available for iPhone®, BlackBerry®, Android™ and Windows Phone® is optimized for each platform and features superior navigation, so answers are easy to find at the bedside or anywhere they’re needed.

Download Nursing Central
Project Objectives

1. Evaluate the usability of the iPad as a single tool for accessing instructional materials used in the nursing curriculum.
2. Measure student and faculty satisfaction with using the iPad.
3. Measure student satisfaction with wireless access in the lecture hall, simulation laboratories, library and clinical sites.
4. Evaluate use of the iPad as an audience response tool, compared to the use of the handheld "clickers" used the previous year.
5. Evaluate the use of the iPad as a clinical reference tool, compared to the use of the PDD used the previous year.
6. Evaluate the use of the iPad as an assessment tool for exams in Blackboard.
7. Evaluate the usability of the iPad as a single tool for accessing instructional materials used in the nursing curriculum.
Faculty Support

- Timing – iPad2 just released
- User Manual
- Setup (campus wifi network, e-mail, calendar, etc) and ongoing support/troubleshooting
- JSN organization site
- 1:1 sessions
- Workshops
Student Support

- iPad distribution with the bookstore
- Orientation workshop and User Manual
- Getting onto the wireless network
- Setting up email
- Configuring the TurningPoint and Nursing Central applications
Integration ideas: Classroom

- Computer-based testing
- Resource for content (clinical companion software)
- VGA adapter to share iPad screen shots with class
- Face-time with experts
- Interactive case studies
- Care planning and concept mapping
- Note taking and annotating
- Journal article searching, saving and note taking
- Quiz cards
- NCLEX prep
Integration ideas: Classroom (con’t)

- Instant access to text books
- Include searching web in class activities
- Classroom gaming
- TurningPoint for polling, interaction, and attendance
- Drug dosing calculations
- Heart sounds
- Research tool (data collection)
- Mapping
- Gaming
- Stress relief
Integration ideas: Simulation/ lab

- Clinical companion resource
- Video review while performing competency labs
- Electronic health record documentation during simulation scenarios
- Interacting with virtual family
Integration Ideas: Clinical

- Patient education at point of care
- Referential tool for medication administration and calculation conversions
- Care planning and concept mapping
- Real-time student-faculty evaluation review
There’s an app for that…

- Required
  - Nursing Central (purchased by students)
  - Kaplan (via Safari)
  - Elsevier’s Vital Bookshelf (for ebooks, app is free)
  - TurningPoint ResponseWare (paid for by JSN)
There’s an app for that…

- Recommended by us
  - Find my iPhone/iPad (free)
  - DropBox (free)
  - NCLEX-RN Quiz Cards ($2.99)
  - Blackboard Mobile Learn (free)
  - MedLab Tutor (free)
  - Mnemonics ($1.99)
  - Pages ($9.99)
  - Keynote ($9.99)
  - iStethoscope Pro ($.99) or iAuscultate ($9.99)
  - iAnnotate ($9.99) or Noterize (free)
Also Required/Recommended

- Passcode Lock (required)
- Wallpaper image with name and contact information (recommended)
- Erase Data on 10 failed passcode attempts (required)
iPad Launch Site

Welcome to the Facilitated Academic Coursework Track website

- Pulse
  Your Jefferson courses and organizations, including your JBN Fact website with support documents and videos
- JEFFLINE
  JEFFLINE is the University's library website
- Nursing Skills Videos
  Access to downloadable videos (will appear in your iPod app in the iTunesU library)
- Evolve
  Evolve is the Elsevier website where you enter your book codes
- Kaplan
  Kaplan provides self-study tools
- AppleCare (online) or 1-800-275-2273
  24/7 Support for any questions or problems with your iPad, including questions about downloading apps and synching with iTunes

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Student Organization
Video Demonstrations

- Video Demonstrations
- Installing iTunes
- Launching iTunes
- Editing a photo for your lock screen wallpaper
- Setup your lockscreen
- How to setup Find my iPad
- Registering your ResponseWare Device
  - RegisteringTPResponseWare_demo.zip (Package File)
Discussion Groups: Support

**Welcome FACT Class of 2012,**

Post your questions here! Need an answer to your questions? Post questions here and read through the postings for more valuable information! This iPad student-to-students support site offers you an opportunity to use the discussion board format to help you to become familiar with iPad technology, and get quick answers and information from your colleague related to the iPad, electronic information, e-books, app, resources and more for your iPad.

**How to post to the DISCUSSION BOARD:**

Select the highlighted word link "FORUM", which will launch you into the discussion board. To submit your answer, select "ADD A NEW THREAD" and then, type in your response and then, be sure to click on "SUBMIT". To view your fellow student responses click on the response and read. You may chose to reply to their response by selecting the "Reply" tab at the bottom of the screen and then "SUBMIT" to post it or cancel.

**How to send a group or individual EMAIL:**

Go the the "Communication Tab," left hand side, under tools. Select "send email" to all users or to selected users.

**A special recognition and thank you to the FACT student "super-users" who volunteered to assist and help guide their fellow students!**

Rick McEwan
Amber Tran
Tony Pinto
Chamalo Cheyenne-Ridge
Eric Elenenko
Christina Furia
Tiffany Fearone
Karen Papastrat, Asst. Dean Senior Level
Next…

• We are continuing with the FACT program again this year – new ebook provider.
• We are expanding to the traditional undergraduate program (entering students, not required for seniors)
• We are expanding to the DNP
• And we’re moving to an alternative eBook source, Kno.
Next: Changing from Elsevier Vital Source Bookshelf to Kno
Other ideas for integration?

- Audience examples
- What worked/ what didn’t