There is an “i” in Our Team
iPAD

Poster Presentation
“Growing Opportunities: Changing Our Game”
Medical Library Association
Annual Meeting & Exhibition
2012, Seattle WA
In the fall of 2010, Kaye Robertson, M.L.S., HPD Library Executive Director, saw the potential benefits of utilizing iPads in the academic medical setting.
The iPad Initiative Group was formed consisting of HPD faculty and staff members and librarians to create a forum to explore and discuss potential classroom and clinical iPad uses, and also to encourage interdepartmental cooperation and collaboration.
The HPD Library decided to purchase 10 iPad2s and circulate them to HPD librarians, faculty, staff – and eventually, students – to explore their effectiveness at HPD.

Recently, the Library purchased 10 new iPads to keep up with the demand for iPad circulation, and again, to explore this new technology.
Through the combined efforts of the librarians, various faculty members, and several students, the group has implemented iPad projects and trainings while also promoting mobile library resources and the evaluation of medical apps.
Poster Conclusions

- The iPad Initiative Group has met several times and has rapidly grown in attendance and popularity throughout the seven HPD Colleges.

- A stronger and more open communication with the Office of Innovation & Information Technologies has been one of the many side benefits that has grown out of this initiative.

- HPD Library has become the hub of information for implementing iPads and apps in educational and clinical programs throughout the NSU community.
Following are some of the current iPad projects happening in the 7 HPD Colleges, inspired by the iPad Initiative Group...
Need for iPads at Palmetto General

- Congested Nursing Stations
- New Electronic Health Record System
- WiFi (Guest vs. Private)
- Under utilizing HPD Library resources
- A “Dell House”
The Challenges to Deployment

• IT Buy-in
• Funding / CEO Buy-in
• Recruit Users as Champions
• Hygiene
• Better involve HPD Librarians
How NSU Residents & Fellows are using iPads at Palmetto General

• Patient Care
  ▫ Using Library Resources at Bedside for Care and Patient Ed.
  ▫ Ex. Watching videos of procedures rather than reading about it helps patients better understand the process.

• Calendar / Scheduling

• Drug Information at Point-of-Care
Experiences with iPads

• Morale Booster for Residents & Fellows
• Record Year of Applications to NSU COM Resident & Fellow Program
• Increased Efficiency having EMR & Library Resources at Bedside
• New Research Opportunities
• Everyone working at Palmetto now wants one
Dr. Adrienne Lauer, Ed.D., OTR/L
College of Health Care Sciences
Occupational Therapy

Presents
Adapting iPads for Health South Spinal Cord Injury Patients
The Need for iPads in OT

• Connect limited mobility patients to News, People, Reading, Games, Email, Music, Social Networking, etc.
• Use at bedside for patient ed., entertainment
• Improve quality of life
• Patient education
Getting Funded

Christopher and Dana Reeve Foundation awarded $13,000 to purchase 20 iPads to be used with spinal cord injury patients.
Challenge - Adapted iPads

- Voice activated applications - Google Searches, Dragon Dictation
- Mouth sticks to hit keys
- Handles for use with no hands
- Straps to secure to leg
- Stands and trays to hold iPads
Results - Patient Testimonies

- Boredom terminator
- Increased quality of life
- Replaced desktop
- Allows for longer periods of engagement
- Access to books
Dr. Joel Slingbaum, DMD
College of Dental Medicine

PRESENTS
APPLE TV & IPADS IN
DENTAL EDUCATION
Idea Realized

The first iPad Initiative Group meeting asked the question:

“How can I lecture and not be bound to the podium, but still be able to display the information?”
Apple TV Pilot Project

- Used in Simulation Lab for Instruction
- Apps for Tooth Anatomy
- Videos for Learning / Explanation
Need in Dental Practice & Ed.

- Replace laptops and desktops in Exam Room
- Patient Ed. at chair side
- Train students in lecture
- Clinical application training modules (no patient data)
- Anatomy – Teaching & Learning
- Procedure Training
- E-Texts
- Presentation methods
Challenges Faced

- IT buy-in
- Faculty need to present case for new technologies as a united front
Outcomes

• Change in group dynamics
• Students learning from each other
• IT placing Apple TVs in HPD auditoriums
Dr. Gregory Fecho, OD  
College of Optometry  

Presents  
Do iPads have a place in the Classroom?
Pilot Study

- What are students in Optometry doing with iPads?
- Selected students who vary in technical abilities
- 5 students selected to receive iPads
- Observe and record student impressions
- Decide whether or not to use iPads with incoming students
Conclusions

• Students use iPads in Optometry for:
  ▫ Note taking – UPAD
  ▫ PDFs – download, organize, annotate, highlight
  ▫ Study illustrations
  ▫ Keep track of class notes and lectures

• iPads enhance education for Optometry students
Dr. Heidi Wagner, OD, MPH, FAAO
College of Optometry

Presents
Using iPads in Clinical Research
Surveys

- Collaborative research across US & Canada
- Study population = predominately young & tech savvy
- Collect survey data with iPads
- Electronic transmission is more efficient than paper
Why iPads?

- Primary benefit = portable
- Easy to go out into field to collect data
- Convenient to use in clinics
Results

• iPads were well received among data population, conductors, clinical research community
• Will continue to use iPads to collect survey data.
• Working to make confidential information secure.
Other NSU iPad Projects in the Works...

- Audiology Department is implementing iPads in the clinical setting to use for patient testing & education, as well as student education.

- Faculty Member in the Cardiovascular Sonography program is developing his own app.

- HPD Library is investigating the possibility to make apps part of the curriculum, to be “held on reserve” for classes, and “checked-out” at the Library.

- HPD Library Student Advisory Board will be conducting surveys with iPads.

- Apple TV will be available in all HPD auditoriums for lectures and presentations with iPads.

- Office of Procurement will be purchasing and circulating iPads within the Department.

- Office of Innovation & Information Technologies will be circulating iPads to students.

- Alvin Sherman Library is now circulating iPads to librarians.

- Office of Undergraduate Student Success will be using iPads to engage students, track progress, and evaluate work.

- College of Pharmacy & Department of Family Medicine are using iPads on medical missions to Jamaica and Ecuador.

- Residency program in GA received funds to purchase 75 iPads for residents & faculty.
For more Information about the NSU HPD Library iPad Initiative Group & Projects:

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- HPD iPad Initiative LibGuide