Using the iPad for Research
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Overview

The iPad is another technology tool that can be used in a variety of ways. This workshop will cover ways that the iPad might be used to help in research. Examples of various applications will be covered including:

- Applications for travel
- Applications to use at conferences
- Applications for collaboration
- Applications for general and discipline specific research

The workshop will cover some specific research-related scenarios and demonstrate applications that might be relevant in a given scenario. The goal of the workshop is to provide an environment where attendees can begin to develop ideas and strategies for using the iPad in research.

Objectives

Upon completion of this session, participants will be able to:

- Recognize the advantages of using the iPad for research
- Understand how to search for and evaluate iPad applications
- Understand the configuration settings that may be helping in using the iPad while traveling and become familiar with some helpful shortcuts.
- Recognize a sample set of iPad applications that could be used at conferences or workshops
- Recognize a sample set of iPad applications that assist in research collaboration
- Recognize a sample set of iPad applications for general research
- Find applications that would be beneficial for your discipline specific research interests
Assumptions:

- Understand basic functionality of the iPad
- Have a dropbox account setup and understand how to use it

Advantages of using iPad for Research:

- More portable,
- “All weather” (trendydigital.com)
- Longer battery life
- Low-cost apps that are discipline specific
- No “bootup” required

Shortcuts & Configuration Settings:

Finding good apps: http://AppShopper.com

Access to volume and/or playback settings

Double press the Home button to adjust playback volume or pause playback to take a call

Use a USB keyboard for times when you have a lot of typing to do


http://www.amazon.com/dp/B005C2A4DO/ref=as_li_ss_til?tag=ergo-20&camp=0&creative=0&linkCode=as4&creativeASIN=B005C2A4DO&adid=09YHV3HV1YSEF3X6M651

Tweak settings to managing battery life. The biggest battery life variable on the iPad is its set of radios. Turn off all radios by switching to airplane mode in Settings. Can also turn off individually:

For 3G/4G enabled iPads -

- biggest drain on battery life
- Turn off in Settings -> Cellular Data
- Wi-Fi
- generally does not shorten battery life too much
• turn off in Settings -> WiFi
• Bluetooth
• turn off in Settings -> General
• Also, check under your installed applications for those that are set to retrieve data (fetch). These can drain the battery while they reach out for data at regular intervals. Example: email app that checks the server for email every 10 minutes. Other tips include disabling location services and turning down the display brightness.

Charging the iPad

• The iPad needs a 10-watt or better power supply, and smartphone chargers, older computers' USB ports, and many powered USB hubs don’t deliver that.
• Dealing with Time Zones
• Go to “Settings” and set time zone support under “Mail, Contacts, Calendars”
• When creating an appointment, tap the time zone to enter the other person’s time zone and let the iPad make the adjustment
• Time Zone Support: your calendar appointments display in your local time zone, and alarms will adjust accordingly. For example, if you're in California (home time zone is Eastern), your calendar will show the appointments in Eastern Time, but alerts will adapt to Pacific Time. Thus, your appointment for 11 a.m. Eastern will alert you at 8 a.m. Pacific.

Apps for Travel

• Beatthetraffic - get real time traffic reports and time travel estimates
• Kayak booking
• Pocket / Offline Web – download web pages for viewing when offline
• PrintDirect / PrintCentral – print to any printer without additional software via wifi or 3G
• FlightAware/Flight track pro
• TripCase/TripIt – check flight status, organize travel info
• UpNext HD Maps – use maps, search and find information, areas of interest, etc
• HopStop – subway, bus, transit maps, etc for big cities
• Vocre, Voice Free Translator – be able to talk to someone in a different language
• AroundMe or PlacesAround
• Entertainment
  o Hulu Plus
  o NPR Radio, NPR Music
  o Netflix
  o Pandora
Apps for Conferences

Taking and sharing notes from sessions

- Upad
- Note Taker hd
- noteability
- penultimate

Giving Presentations

- Dropbox
- Air Slide – share slide presentation with users via wi-fi
- Adobe Photoshop Express – make simple edits to photos
- VisioPrompt – use ipad as teleprompter
- Presentations Manager HD – read and display PPT and keynote files

Apps for Collaboration

- WebEx – join meetings from your ipad/phone
- Ibrainstorm – 4 people can create ideas and share them between ipads
- Total Recall – share mind maps
- Mendeley - cloud based , reference manager and academic social network. Read, annotate, organize, collaborate [ipad + website] (http://www.mendeley.com/).
- Create an account on mendeley.com
- download mendeley program to your desktop
- install app on iPad
- you can work from iPad, Web based (any internet connection), desktop software or iphone
- Wiggio – manage and communicate within a private group
- Whiteboard HD Internet collaboration – share hand drawn creations with any ipad, iphone, ipod
- touch or MAC over wi-fi
- iThoughtsHD – visual thinking tool, export options
Apps for General Research

- Conference Compass – Find and upload conference program info
- Pulse or Zinio - read magazines, blogs and other web material in friendly format
- WolframAlpha - online encyclopedia
- iAnnotate PDF – mark up and organize PDF files OR GoodReader
- Springpad – save & organize ideas
- Push Counter HD – count 10 different things at once
- inSitu Mobile Research – (free app, but integrates with paid subscription on website) a form of self-administered mobile ethnographic research and mobile diaries that lets you collect user-generated content – audio recordings, video, images and text - from respondents as they go about their daily lives. (need acct at http://www.civi.com/civicom_marketing_research_insitu.html)
- SumbleUpon – searches internet for all items related to a particular topic
- Wizfolio – cloud based: manage and research. Not an app...website only. (www.wizfolio.com) Free acct or Paid option
- Ted Talks - Not an app....website only (http://www.ted.com/talks)

Apps for Discipline Specific Research

- LEGAL - Fastcase (free legal research application)
- CHEMICAL - ACS Mobile ($4.99) American Chemical Society. Searchable peer reviewed content
- MEDICAL - Cardiovascular Research Foundation meetings & News (medical)
- FINANCE - CLSA Research App – finance
- MEDICAL - PLOS Reader – read articles from free public library of science (Medical)
- PSYCHOLGY - APA Journals for Ipad – Psychology journal articles
- MEDICAL - TouchResearch – medical
- TECHNOLOGY - Work Observer – collect data on human/technology interaction
- BUSINESS & TECH - TechPapers – access free whitepapers related to business and technology
- ASTROPHYSICS - IOP Science express – download articles astrophysics, semiconductors
- GRAPHIC DESIGN - Rockport Books – graphic design reference
- TECHNOLOGY - IDG Connect – access IT Whitepapers
- ART - Palettes – art or graphics, create color palettes
- MUSIC - PianoChords