Varying Perspectives: iPad Deployments at the University of San Diego

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Initiative Vision and Background – Faculty Development

• Spring 2012 - As mobile devices became more ubiquitous, there was a strong need to investigate the educational value.

• Set out to Investigate
  - Student: The impact on student learning– student centric learning
    - Communication/Collaboration/Active Learning/Engaged in learning process/Taking learning beyond the classroom
  - Faculty: The impact on faculty teaching methods-strong proposals
  - Buy in is the key! Lots of time!

• ITS: Enthusiastically move forward! Plan and Prepare and Support
Development & LOGISTICS

- Partnering with faculty champions
- Criteria for participation
- Integrating with curriculum
- Unknown territory
- Image, Manage, Deploy, Reset!
- App purchases and updates
- AVPP to lease agreement
- MDM Solutions from Absolute to JAMF
- Onboarding and Trainings and Support
Perspective #1: Academic Technology Services (ATS)

Reflection

- 8 semesters, 42 faculty, 1005 enthusiastic students
- Distributed carts
- Proficient staff equipped to train on various apps
- More structure and accountability

- Final presentations to highlight the outcomes to our stakeholders and to hook new faculty participants
- Inspiring!
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<th>Case Study</th>
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| EDUC           | • Vehicle for ongoing/anytime communication  
                  • Field work and in class assignment               | Blackboard Mobile, iAnnotate, Keynote, Pages, Number |
| Nursing        | • Partnering classroom with clinical experience                           | blog, record simulation experiences in a lab     |
| Supply Chain   | • Integration with iTunesU, interaction between cohort,                  | Curator and Guardian and Green News             |
| Languages      | • recognition, fluency, pronunciation                                    | flashcardlet, demibooks Keynote Pages  
                  Numbers  
                  iMovie  
                  Puffin Web Browser  
                  iAnnotate PDF  
                  Flashcards++  
                  Skyfire Web Browser                        |
| Ecology to Go  | • Scientific exploration from deserts to tidal pools studying how marine  
                  habitats interact with terrestrial ecosystems & field identifications | Papers, Camera, Penultimate, Keynote, Blogsy.    |
Findings

• Support – more needed than we anticipated
• Student proficiencies – great with social media, lacking with productivity tools
• Faculty preparedness, implemented the exploration phase
• Student surveys, beginning and end Lessons Learned
• Amazing outcomes that had not been possible before
• Students enjoy one lightweight device that contains everything they need

• Fields of Dream!
  • From Marine Science, Engineering, Nursing, English, French, Biology, Creative Writing, Communication Studies, Theatre, Nursing, Marketing, Marching Band!
Perspective #2: Dr. Bradley Bond – Communication Studies

iPad Project in “Children & Media”

[Diagram with interlinked gears labeled Technology, Community Engagement, and Pedagogy]
Perspective #2:
Dr. Bradley Bond – Communication Studies

iPad Project in
“Children & Media”
iPad Project in “Children & Media”

Media Literacy Workshop

- All Things on TV… (FA ‘14)
- Hands Up! (SP ‘15)
- All About Ads (FA ‘15)
Perspective #2: 
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iPad Project in 
“Children & Media”

- iPad Project as Innovation
- iPad Project Meetings as Social Support
- iPad Project as Catalyst
Perspective #3: Dr. Jerome Ammer – School of Education

Flipping and Tripping Courses with Field-Based Component

Learning Outcomes Bridging University & K-12 Experiences

• Invigorating course content
• Innovation in Teaching Skills
• Flipped Class
• Constructing Alternative Universal Design for Learning (UDL) Outcomes
• Enriching Communication Exchange
• Putting University Emphasis on Action Research and Self-Reflection into Play
Lesson Learned Unanticipated Discovery

- Power of Monthly Brown Bag
- Need to Build in iPad Project Time
  - Anticipating beginning of class problems and discoveries
- Pre-Planned iPad elements in course assignments
- Beware of innovation hype around use of e-textbook
- Journal e-reflection seeped into quality of final program
- Capstone
- Early Precourse access to iPad and apps
- Lifeline 7/24 with IT staff
Lesson Learned Unanticipated Discover (cont’d)

• Multimedia Intrusion or Creative Innovative Self-Expression
• Wireless Classroom Learner Engagement or Tethered to Sympodium
• Student Choice
  - Choosing note taking app
  - Personal style of Engagement
• Growing Instructor Understanding Use of mobile Devices as Learning Tool
Reflection - Exploring Next Steps

- Collaborative Planning with Site Master Teacher
- Student Led in-class learning
- Research Grounding Perceived Outcomes
  - Instructional/Learning Satisfaction Overall Course
  - Integration and cross measurement University Learning and Field Experience
  - Post Study Feedback
- Transference, generalization and innovation