We're Going Mobile... Around the Global
Curt Bonk, Professor, Indiana University
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We are becoming increasingly mobile learners?

The Evolution of Smartphones

Will expert advice (and happiness) be a button away?
(e.g., Live Happy Practitioner Directory)
Museum of London's Streetmuseum App Puts Historic Photos in Perspective

Written by Chris Cameron, June 1, 2010

"Hundreds of images from the Museum of London's extensive collections showcase both everyday and momentous occasions in London's history, from the Great Fire of 1666 to the swinging sixties."

Constant Text Messaging

June 9, 2010

Twitter Peek: Restricted to Twitter.

WikiReader: Updating can be a pain.

Barnes & Noble, Color Nook

Do we need laptops anymore?

Educause Review March/April 2011, Mobile Devices, Jim Davis and Rosemmary A. Rocchio

"Mobile use of the Internet is on target to surpass fixed use by 2014. Three-fourths of all college/university students have purchased or intend to purchase an Internet-enabled handheld device within the next year. The smartphone market is changing almost monthly."
The Slow-Motion Mobile Campus

ABILENE CHRISTIAN UNIVERSITY
"In 2008, the Texas university was the first to give all new students their choice of an iPhone or an iPad Touch. William J. Rankin, an associate professor of English who helps lead the project, says 85 percent of faculty members report using the devices in the classroom at least once a week. Such efforts have to be about fundamentally thinking about the way we teach and learning," Mr. Rankin says. "If it's just about giving out a device, it's not going to last. It can't be a marketing initiative or a recruiting initiative."

The Slow-Motion Mobile Campus

DUKE UNIVERSITY
Duke gave iPods to all incoming students in 2004 but scaled back the program two years later. Tracy Futhey, chief information officer, says campus officials are now focusing on improving Duke's mobile application and making existing campus data available on new platforms.

The Slow-Motion Mobile Campus

SETON HILL UNIVERSITY
The Greensburg, Pa., university has drawn widespread press coverage since it gave iPads and MacBook Pros to all full-time incoming students last fall. Students pay a $500 technology fee each semester. JoAnne W. Boyle, Seton Hill's president, calls the iPad a "magical device" that could be a "transformative learning tool on campus."

SETON HILL UNIVERSITY
April 10, 2010: Seton Hill University, 2,100 students an iPad and freshmen a 13-inch MacBook laptop.

An iPad for Everyone
Seton Hill University, a private Catholic liberal arts college in Greensburg, Pa., is one of the first institutions to partner with Apple to offer its students an iPad and a Macbook Pro as part of their tuition. The college's goal is to provide students with access to the latest technology to help them succeed in their studies. The program includes a course on how to use the iPad and Macbook Pro, as well as access to a variety of applications and services. Students are also able to use the devices for research and coursework.

Some Ideas from Educause Review
March/April 2011, Scott Perkins and Michael Casdorph, Georgia Health Sciences University, "The Digital Swiss Army Knife"

1. Attendance
2. Class roster
3. Class assignment due dates
4. Course calendar
5. Deliver course videos
6. Digital flashcards
7. Course blogging
8. Internet searching
Some Ideas from Educause Review
March/April 2011, Scott Perkins and Michael Casdorph, Georgia Health Sciences University, "The Digital Swiss Army Knife"
Perkins: "I think that mobility makes it a little less important for us to work on mastery of content during those class minutes."

Top Smartphone Apps to Improve Teaching, Research, and Your Life
By Jeffrey R. Young, January 2, 2011, Chronicle of HE

1. Taking Attendance (David M. Reed, a computer-science professor at Capital U.). Calling roll may not seem like an activity that needs an upgrade... "I used to use a piece of paper," he said. "What would happen is invariably I would lose that piece of paper halfway through the semester."

2. Collecting Data
A professor at the University of California at Davis is using drivers to help him with his research on roadkill by logging any dead squirrel, possum, or other critter they see along the highway... The research team built an iPhone app to let citizen-scientists participate in the data. It is more convenient, and it gives the researchers better data, because a phone's GPS feature can send along exact location coordinates (and the app encourages users to take a picture with the phone's camera).

3. Reading Scholarly Articles
"Instead of clicking print when saving an article for later reading, many professors now send the document to their phone or tablet computer." These are priced at a range of apps designed for the task, though Dropbox was cited most frequently. The commercial app is available for iPhones, iPads, and for smartphones or tablets running Google's Android operating system. David Perry, an assistant professor of dramatic media and communications at the University of Texas at Dallas, said he uses Dropbox for both scholarly reading and keeping track of documents for the classes he teaches. "(For syllabus storage and deadlines)"

4. Recording Notes
Aaron Deutch, an associate professor of communication at Trinity, often uses the camera built into his Android phone to snap a picture of his whiteboard before he erases it. When he breaks the class into groups for a project, the photos reminded him who was on each team and what they were up with. High-end whiteboards offer a function to print out or e-mail their contents, but some professors say their phone cameras do just as well.

5. Using Textbook Tools
Cellphone screens are tiny... CourseSmart, a company that sells electronic versions of textbooks from major publishers, offers a free iPhone app to read books purchased through its service. It may not be ideal for long reading sessions, but it could be a handy way for professors to look over the material to remember what their students are reading.
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6. Planning Lectures
Brainstorming for classroom talks has gone high-tech with "mind mapping" software that encourages arranging thoughts and ideas in nonlinear diagrams. The touch-screen interface of smartphones or tablet computers enhances the process, letting scholars toss around ideas with a flick of the finger, Gerald C. Ganozzi, director of mobile learning at Miami University, in Ohio, recommends Thinking Space for Android devices. MindBlowing for the iPhone, and Popplet for the iPad. He, Doolike, of Trinity University, likes MindJet. "It's great when organizing papers or project ideas," he said.

7. Multimedia study guides on the go.
A cellphone screen may seem too small to use as a study aid. But then again, those screens are about the same size as standard 3 by 5 index cards, an age-old format for flashcards. So the space can be just right when it's time to cram for a test. Unlike paper flashcards, though, a smartphone can display video clips, audio, and interactive features that go far beyond flipping a card over to see an answer.

8. Medical Training
Peter H. Abrahams, a professor of clinical anatomy at the University of Warwick, in England, recently released a video reference-manual app called Aspects of Anatomy for the iPhone. The software quizzes students by presenting them with medical scenarios, and asks them to name the relevant body part...It includes 38 short films of Dr. Abrahams guiding viewers through anatomical models of human organs.

Top Smartphone Apps to Improve Teaching, Research, and Your Life
By Jeffrey R. Young, January 2, 2011, Chronicle of HE

8. Medical Training
iPads in Medical Training: Videos of Procedures
The Slow-Motion Mobile Campus, Josh Keller, The Digital Campus, The Chronicle of HE, May 9, 2011

• Stanford's School of Medicine lent iPads to all new students. Medical students spend most of their third and fourth years in hospitals, working with patients...can watch a video in the hospital showing how to conduct a complex procedure right before they are about to perform it...in an emergency, they can pull up a cheat sheet on an iPad showing the steps they should follow.

9. Clickers/Student Response Systems
Professors at the mobile-device summit at Abilene Christian stressed that more study needs to be done on whether these services improve education and are worth the cost. Some research done at Abilene Christian on the clicker application, for instance, showed that while students liked the ability to take quizzes by phone, their grades did not improve compared with those of a control group that did not use the clicker approach.
10. Mobile Dictionaries
(September 2010, Chronicle of HE)

11. Language Training
(October 27, 2011)

12. Twitter. Some Ideas from Educause Review March/April 2011, David Parry, "Teaching Mobile Literacy"
1. In class say "I am not sure, look it up."
2. Have students tweet on class activities.
3. Have students text each other during class.
4. Have students take pics with phone to document cameras in their daily life, share those photos with each other, and make a map of all the cameras (http://cameraseverywhere.us/)

13. Custom News (Zite and Flipboard)
(Personalized Online News and Magazine on iPad, March 9, 2011 and August 10, 2010, USA Today)
http://www.zite.com/

http://www.youtube.com/watch?v=5121kJLr2-a (4:28 minutes)
15. Discounts for Attending Classes
The Slow-Motion Mobile Campus

Stanford University’s Weston McBride (right) and Andrew Bellay created an iPhone application that rewards students for attending class. Students with better attendance records will receive cheaper campus meals, and eventually discounts on bigger-ticket items like student loans and car insurance. The application, which is supported by Stanford, verifies attendance by checking students’ GPS locations when they check in to class.

Global Mobile Internet Coverage
(source: Dr. Paul Kim, Stanford)

Pushing Mobile Around the Global...

Seeds of Empowerment, India, Paul Kim, Stanford

Seeds of Empowerment, India, Paul Kim, Stanford
West Bank, Palestine

Powering the device on bicycle
PocketSchool on Two Wheels

SEEDS OF EMPOWERMENT
Be a part of the story

Slides at: TrainingShare.com
Papers: PublicationShare.com
Book: http://worldisopen.com/