Going Mobile Around the Global
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We are becoming increasingly mobile learners?

Mobile Apps, May 13, 2011:
USA Today, Mary Beth Marklein

August 5, 2010, Remaking the College Campus,
Bridget McCrea, Campus Technology
June 2010, 7 Tips for Building Collaborative
Learning Spaces, Campus Technology, Matt Villano

Yonsei University, Seoul, Korea
The Digital Campus
The Chronicle of HE, May 13, 2011
http://chronicle.com/ed/Columns/The-Digital-Campus/131609

Faculty Views

In a recent survey, faculty members reported feeling... 43% 48% 53%

Few Faculty Members Use Electronic Quizzes in Class
Use in "make or break" courses with mandatory

Faculty Members Are Stressed Keeping Up With Information Technology

More Student Views

Use of Information Technology in Courses in 2011

Don't Skip Classes Because of Technology?

How Students Like to Use Technology to Learn in 2011

Jan 23, 2011
As the Web Goes Mobile, Colleges Fail to Keep Up, Chronicle of Higher Ed, Josh Keller

"I used it to sign up for classes. I used it to check e-mails," says Laura Patterson, a junior at Nevada State College, about her iPhone. "I used it all the time, for everything." More than 40 percent of all college students, like Nevada State's Laura Patterson, used mobile devices to get on the Internet every day last year, compared with 10 percent in 2008.

The Slow-Motion Mobile Campus

- But when Stanford's School of Medicine lent iPads to all new students last August, a curious thing happened: Many didn't like using them in class. Officials had hoped to stop printing an annual average of 3,700 pages of course materials per medical student, encouraging them to use digital materials instead. Some students rebelled, and Stanford was forced to resume offering printed notes to those who wanted them. In most classes, half the students had stopped using their iPads only a few weeks into the term.

The Slow-Motion Mobile Campus

- Medical-school officials caution that the iPad program is only six months old. They believe cooperation will improve as they begin a broader rethinking of the curriculum over the next few years. "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. If they forget exactly what to do during an emergency, they can pull up a cheat sheet on an iPad showing the steps they should follow.

March 13, 2011
iPads Could Hinder Teaching, Professors Say
Chronicle of HE, Ben Wieder

At Pepperdine U. Timothy Lucas, an assistant professor of mathematics, shows a class how to use iPads for calculus. Linda Jones, an assistant professor of biology at Chatham U., for her plant physiology
Global Mobile Internet Coverage
(source: Dr. Paul Kim, Stanford)

We Are Going Mobile!
(e.g., iPhone, low cost wireless devices)

15m people/month India
40,000/week Rwanda
60,000 earthlings/hour
(per Paul Kim, Stanford, 2009; Nokia Research Lab
http://www.phone.org/)

Judy Brown
Your Learners ARE Mobile: Is Your Learning?
http://www.slideshare.net/judyb/your-learners-are-mobile-is-your-learning-2083520

Tomi Ahonen Almanac 2010

- 4.6 billion subscriptions - fifth of planet
- 3.4 billion unique users - half the planet
- 1.2 billion PCs (including smartphones)
- 10% of all smartphones in use today
- More internet users on mobile than on personal computers
- 1.11 billion handsets sold last year
- 290 million new PCs

e-Book Readers

Barnes & Noble, Color Nook

August 10, 2010, Can college students learn as well on iPads, ebooks?
USA Today, Beth Marklein

Does iPad have the magic to bring people together?

USA TODAY, June 7, 2010
iPad 2 is even better than the original
USA Today, March 10, 2011, Edward C. Baig

August 10, 2010
Flipboard pretties up social-media updates Facebook statuses and tweets feed into magazine-like format in free app for iPad
Jefferson Graham, USA TODAY
http://www.usatoday.com/print/Paper/20100810/flipboard11_x.htm

Zite
(Personalized Online News and Magazine on iPad)
http://www.zite.com/ (March 9, 2011, USA Today)

The Evolution of Smartphones

Constant Text Messaging
Museum of London's Streetmuseum App Puts Historic Photos in Perspective
Written by Cole 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 swingin' sixties."

Teaching With Twitter
Chronicle of HE, Jeffrey Young, November 22, 2009

Julie Chodrow, a professor of computer science and retailing at Purdue University, has embraced Twitter into the lecture hall, even though the service lists student usage in back-channel discussions. The questions submitted via Twitter for the professor and guest speakers are projected for all the students to see.

Will expert advice (and happiness) be a button away? (e.g., Live Happy Practitioner Directory)

Social Networking Gaming
December 24, 2010: CityVille 16.8 million daily users, FarmVille61.7 million monthly users, CityVille 56.8 million users. Mashable.”
Life in the Cloud...?

The Slow-Motion Mobile Campus
Josh Keller, The Digital Campus, The Chronicle of HE,
May 8, 2011

- Stanford University: Weston McBride (right) and Andrew Belley 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.

ABILENE CHRISTIAN UNIVERSITY

"In 2008, the Texas university was the first to give all new students their choice of an iPhone or an iPod 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 rethinking the way we do teaching 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."

College tech 'catching up' with students
Kathleen Gray & Robin Erb, USA TODAY,
October 6, 2009

Abilene Christian University: ...about 2,800 students and 70% of the 250 professors use the Apple technology for instructional purposes. - Art students use app to draft sketch and send it to the teacher and other students for advice before starting the real art pieces. - A drama teacher takes video of the lead dancer in a production and sends that along to other students for rehearsal.

Abilene Christian University Continued...
July 17, 2010

- AULtral: iPad, Apple Learning to West Texas middle and high school teachers.
- AULtral: iPad, Apple Learning to West Texas middle and high school teachers.
- AULtral: iPad, Apple Learning to West Texas middle and high school teachers.

5/30/2011
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 Futhrey, chief information officer, says campus officials are now focusing on improving Duke’s mobile application and making existing campus data available on new platforms.

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
An iPad for Everyone
...expanding wireless and cellular coverage on the campus and making its Web content easier to use on mobile devices, says David R. Morton, director of mobile communications. To involve more students in the college’s mobile efforts, Mr. Morton hopes to stage a “development Olympics” in which small teams of students compete to quickly develop the best additions to Washington’s iPhone application.

Top Smartphone Apps to Improve Teaching, Research, and Your Life
By Jeffrey R. Young, January 2, 2011, Chronicle of HE
http://chronicle.com/article/Collage-20-8-Top-Smartphone/133754/

1. Taking Attendance
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 asking 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 study. It's 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).

4. Recording Notes
Aaron Delvichio, 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 remind him who was on each team and what they came 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 they...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.

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. Gamm, director of mobile learning at Miami University, in Ohio, recommends Thinking Space for Android devices. MindFiling for the iPhone, and Popplet for the iPad. Mr. Delvichio, of Trinity University, says MindFiling, "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.

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

8. Medical Training

Top Smartphone Apps to Improve Teaching, Research, and Your Life
By Jeffrey R. Young, January 2, 2011, Chronicle of HE
http://chronicle.com/article/Smartphones-on-Campus/137387/

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

Peter H. Abrahams, a professor of clinical anatomy at the U. of Warwick, helped create an 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. On one question, students must decide whether the trouble is with the cardiological sympathicus or the arch of the aorta.

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

University extension services have long published detailed brochures meant to help farmers and others who work in agriculture. Now some of those extension services are finding that smartphone apps are an easy way to reach new audiences and offer the fruits of their research at a lower price.

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

For instance, the University of Florida's extension service recently released "Post123," designed to help homeowners (and pest-control professionals) identify and kill pesky critters lurking in their homes. The extension service charges $1.99 for the app, rather than $20 for the two booklets the materials drew from, which are sold on the service's Web site. The app has been so popular—with more than 1,000 downloads so far—that the extension service plans to release two sequels, including one that covers stinging and bloodsucking pests.
10. Location maps for college tours.

It's an archetypal nightmare that sometimes comes true: A student wanders the hallways of a classroom building on the first day of school with no idea of where to go, knowing that class has already started. Now colleges have an app that might make such scenarios seem quaint. Using the location-tracking features of many smartphones, several colleges have built detailed maps of their campuses that can superimpose a dot showing the user's position, continuously updated.

11. Class scavenger hunts.

To take advantage of the mobility of smartphones, some professors have sent students outside the classroom, designing scavenger hunts in which phone-based class guide students to learn through exploration.

12. Better bus schedules (and other services).

...It's not surprising that one of the most popular features of some college smartphone apps is a bus schedule that shows students and professors how long they have to wait. The bus schedules are just one of dozens of campus services on official smartphone apps that many colleges are building. Other features of the apps include ways for students to log in and check their course schedules, grades, homework assignments, and other campus information.
Top Smartphone Apps to Improve Teaching, Research, and Your Life
By Jeffrey S. Young, January 2, 2011, Chronicle of HE

13. 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.

14. Mobile Dictionaries

15. Language Training

Five ways readers are using iPads in the classroom
eSchool News, May 27, 2011

1. For intervention.
"I found an app called Math Drills, to help students with their math facts. After a school-wide math fact program, there were a certain number of students that still didn't know their addition facts. Essentially, they had trouble with 'at a snap' recall of facts," she explained.

Five ways readers are using iPads in the classroom
eSchool News, May 27, 2011

1. For intervention.
"I put those few students on the iPad app, which gave them the opportunity to practice and then to test themselves. It kept track of their scores and showed them their improvement. I've had students BEG me to allow them to practice their facts—under normal circumstances, what fifth-grader do you know [who] WANTS to practice their facts? I'll take it! Each student has showed improvement in the quick recall of facts, and they want to. It can't get much better than that."
Five ways readers are using iPads in the classroom

eSchool News, May 27, 2011

2. For Enrichment.
"There are several apps out there for the 'smart kids.' I found one for the iPhone, which I use on the iPad, called Miss Spell's Class," she said. "It gives students a series of challenging vocabulary words, and they need to decide if it's spelled correctly or incorrectly. I've seen my gifted kids get so frustrated (it shows them that they're not always No. 1), and consequently, so proud of themselves because they've finally conquered it. The success is made much sweeter when you have to work for it."

"The 2Do app helps me organize groups that I'm working with during class, and what we're doing that day. I assign due dates and stay on track. Then, I know if someone is absent because they're shown as overdue."

"TeacherPal helps me make my seating chart without erasing every quarter."

3. For assistive technology.
One reader, Eva, said she uses the iPad to help a boy in her classroom who has autism. Supposedly, the iPad was the only tool that could engage him for any length of time with his speech therapist.
"Upon first seeing it, he stared at it for a few seconds then reached for it," she explained. "We gave him the iPad and he immediately started mimicking us by pushing all the right buttons to see the interactive app. We love it so much that his mother, with the help of a therapist, wrote a mini-grant to one of the local organizations so that he could have one of his own."
Five ways readers are using iPads in the classroom

eSchool News, May 27, 2011

4. For digital literacy.

Every one of the 275 students at The Master's Academy in Oviedo, Fla., will receive a school-issued iPad next school year. The school is paying for the iPads, but students and parents say they will not replace all textbooks, because school officials hope to teach students to "engage the digital world productively," said Mitchell Sallenko, the school's principal, in an interview with the Orlando Sentinel.

The iPads will not replace all textbooks, but they will allow students to do much of their school work online, reduce reliance on paper, and give teenagers access to resources not available in class.

Mr. Barrett's iPad

http://crevipads.wordpress.com/ipad-organization/

5. For organizing resources—and for reading.

Beau Barrett, a teacher at Crestview Elementary School, writes on his blog how to organize the iPad's various resources for classroom use with students, and the teacher, in mind. (You can see screenshots and read more about Barrett's iPad use on his blog.)

Pushing Mobile Around the Global...

"A" is for App, Anya Kamenetz, Fast Company, April 2010

Seeds of Empowerment, India, Paul Kim, Stanford
Seeds of Empowerment, India, Paul Kim, Stanford

Kibera, Kenya – Slum area

West Bank, Palestine