The Flat World Swung Open: **How Web Technology Is Revolutionizing Education**

Curtis J. Bonk, Professor, Indiana University President, SurveyShare cjbonk@indiana.edu http://php.indiana.edu/~cjbonk

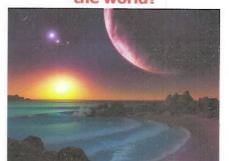




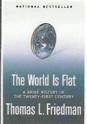


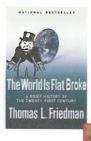


Do you know the shape of the world?



Is the World Flat?







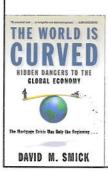
The Ten Forces that Flattened the World

Triple Convergence: (1) new economic players, (2) playing fields, and (3) processes.

- 1. 11/9/89: Berlin Wall came down
- 8/9/95: Netscape went public
- Work Flow Software (e.g., PayPal and eBay)
- Open-Sourcing (Self organ collab communities; Mosiac, Apache, Wikipedia, Linux, Mozilla)
- Outsourcing (Y2K)
- Offshoring (e.g., China, Mexico, Thailand)
- Supply-Chaining (e.g., Walmart)
- Insourcing (UPS fixing Toshiba laptops)
- 9.
- In-forming (e.g., Google, Yahoo!, MSN Web Search) The Steroids: Digital, Mobile, Personal, and Virtual (wireless, file sharing, VoIP, video camera in phone)



Is the World Curved?







Is it spiky?

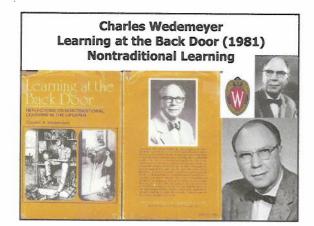






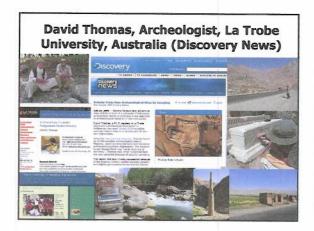










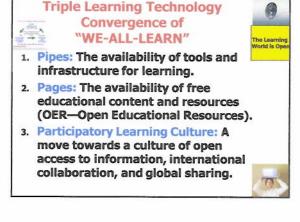




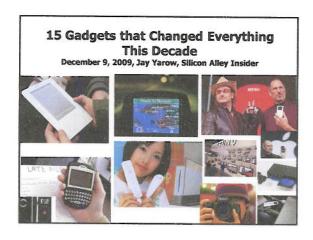


WE-ALL-LEARN: Ten Forces that Opened the Learning World Web Searching in the World of e-Books (i.e., Darwin) E-Learning and Blended Learning Availability of Open Source and Free Software (e.g., Moodle) Leveraged Resources and OpenCourseWare (e.g., MIT) Learning Object Repositories and Portals (i.e., shared content) Learner Participation in Open Info Communities (YouTube) Electronic Collaboration and Interaction (sync and async) Alternate Reality Learning (Online Massive Gamen) Simulations, and Virtual Worlds; e.g., Second Life) Real-Time Mobility and Portability (e.g., iPhone) Networks of Personalized Learning (Blogs, RSS)

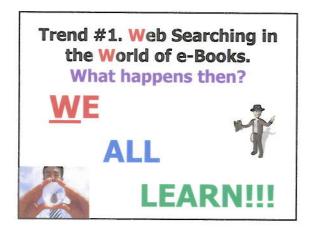










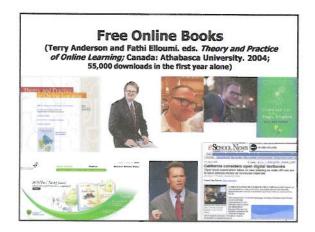


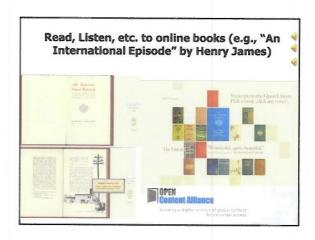


Blio: Kurzweil Reinvents the Book
Charlie Sorrel, Dec 29, 2009, Wired
http://www.wired.com/gadgetlab/2009/12/bliokurzweil-reinvents-the-book/

Blio is a free platform...run on any device.
Blio is in color.
Blio lays pages seen on paper, with typography and illustrations; uses video.
More than a million library of titles.
The end of the book?

Guests play with Apple's new iPad at an event announcing its debut in San Francisco. At least one college is considering giving iPads to new students, but the jury on whether the device will revolutionize learning will be out for a while.





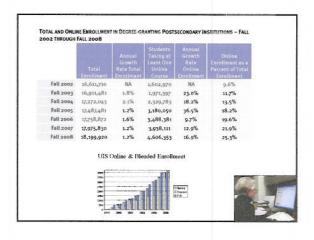


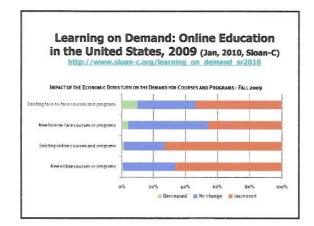






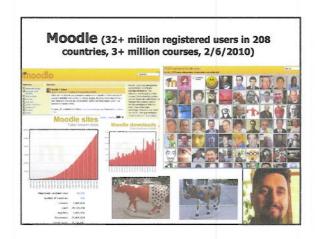










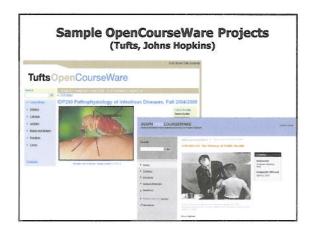


















Elliott Masie, Learning Trends,

March 2, 2010









Link TV, Academic Earth, TV Lesson, and Fora TV Transforming the System: An interview with Michelle Rhee Appellants FORATV Things The Property of the Internation for the Internation

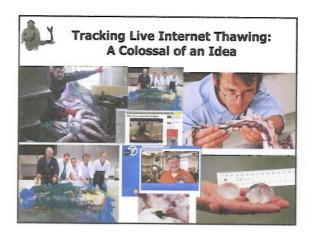
College 2.0: More Professors Could Share Lectures Online. But Should They?, Chronicle of HE, Jeffrey R. Young, March 7, 2010

"The latest Campus Computing Survey, which gathers data on classroom technology nationwide, found that 28 percent of colleges have a strategic plan to provide coursecasting equipment, and 35 percent more are working on a plan now."

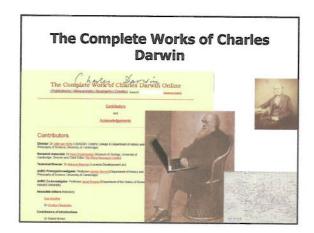


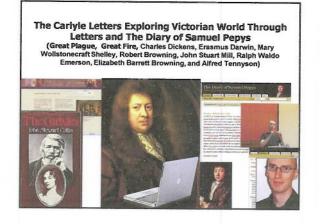




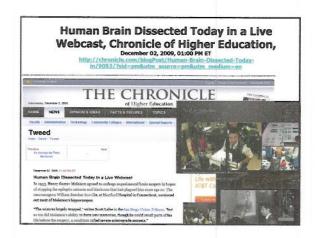




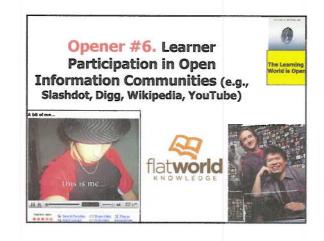


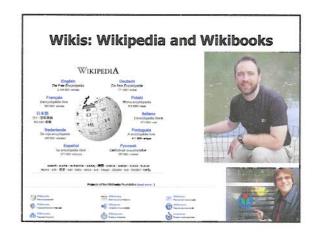








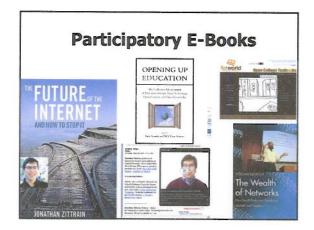


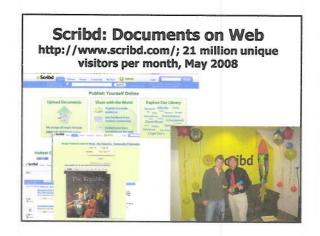








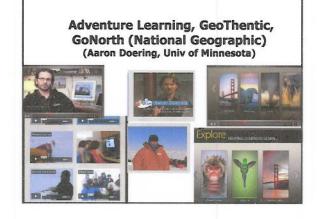


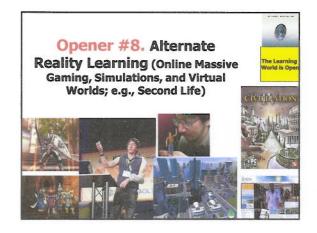








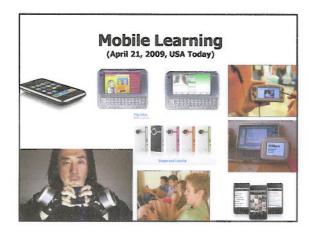


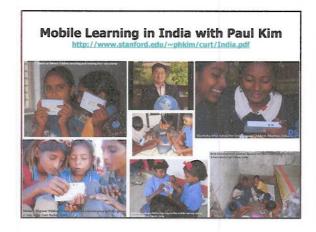












We Are Going Mobile! 40,000 new mobile subscribers a week in Rwanda; Rwanda Newtimes report, January 2009 Africa is the continent with the fastest growth, International Telecommunications Union (ITU), March 2009 India: In January, 2009, the number sky rocketed to 15.4M Globally: 60,000 new mobile subscriptions every hour!!! (per Paul Kim, Stanford, 2009); Nokia Research Lab http://news.yahoo.com/s/afp/20090308/bs_afp/indiseconomytelecom

