Part 1 (Macro View).
The Flat World Swung Open:
Now WE-ALL-LEARN with Web Technology

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

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
2. 8/9/95: Netscape went public
3. Work Flow Software (e.g., PayPal and eBay)
4. Open-Sourcing (Self organ collab communities;
Mosoc, Apache, Wikipedia, Linux, Mozilla)
5. Outsourcing (Y2K)
6. Offshoring (e.g., China, Mexico, Thailand)
7. Supply-Chaining (e.g., Walmart)
8. Insourcing (UPS Replacing Toshiba laptops)
9. In-forming (e.g., Google, Yahoo, MSN Web Search)
10. The Steroids: Digital, Mobile, Personal, and Virtual
(wireless, file sharing, VoIP, video camera in phone)

UCLA Summer Digs Program
Dig in, archaeology fans! UCLA blogs to offer front-row
seat at archaeology digs, Meg Sullivan, 6/25/2008

Michael Perham & Zac Sunderland,
Summer 2009 (each age 17, youngest person to sail
calo around the world...and blog on it, use Skype, YouTube,
take video, post pictures)

David Thomas, Archeologist, La Trobe
University, Australia (Discovery News)

Charles Wedemeyer
Learning at the Back Door (1981)
Nontraditional Learning
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 (e.g., YouTube)
- Electronic Collaboration and Interaction (sync and async)
- Alternate Reality Learning (Online Massive Gaming, Simulations, and Virtual Worlds; e.g., Second Life)
- Real-Time Mobility and Portability (e.g., iPhone)
- Networks of Personalized Learning (Blogs, RSS)

Audience Participation!

1. WE
2. ALL
3. LEARN!!!

Triple Learning Technology Convergence of "WE-ALL-LEARN"

2. Pages: The availability of free educational content and resources (OER—Open Educational Resources).
3. Participatory Learning Culture: A move towards a culture of open access to information, international collaboration, and global sharing.

Opener #1. Web Searching (e.g., Google, MSN, Yahoo!) in the World of e-Books (i.e., Darwin, Shakespeare, etc.)

Trend #1. Web Searching in the World of e-Books. What happens then?

WE

ALL

LEARN!!!
Shakespeare as an E-Book

Free Online Books
(Terry Anderson and Fathi Billoo, eds., Theory and Practice of Online Learning: Canada: Athabasca University. 2004), http://ode.athabascau.ca/online_books/ [50,000 downloads in first year]

Opener #2. E-Learning and Blended Learning

E-books: 4 choices (Paperback, Kindle, iPhone, or iPod listening)

Read, Listen, etc. to online books (e.g., "An International Episode" by Henry James)

Capella Tower
225 South Sixth Street, Minneapolis
Formerly, the "Halo"
A Grain of Rice: A Bloomington man’s computer vocab game feeding the world

Moodle (620,000 registered users in 204 countries speaking 78 languages, 2/10/2009)

Free and Open Courses
(Tom Reeves Evaluation Course at Georgia; David Wiley’s Web 2.0 courses at BYU; Connectivism from George Siemens and Stephen Downes, 26 enrolled, 2,000+ sitting in)

Opener #3. Availability of Open Source and Free Software (e.g., Linux, Apache, Moodle, Sakai)

Opener #4. Leveraged Resources and OpenCourseWare (OCW) (e.g., free courses from MIT, Utah State, CORE, OOPS)
Cape Town Open Education Declaration, Dec 2007
http://www.cape-town-declaration.org/

Peer2Peer University and University of the People (free!)

Opener #5. Online Learning Object Repositories and Portals (shared content)

Academic Earth
http://academicearth.org/
Thousands of video lectures from the world's top scholars.

Tracking Live Internet Thawing: A Colossal of an Idea

The Complete Works of Charles Darwin
The Complete Works of Charles Darwin Online
http://www.darwinproject.net/
The Carlyle Letters Exploring Victorian World Through Letters and The Diary of Samuel Pepys
(Great Plague, Great Fire, Charles Dickens, Erasmus Darwin, Mary Wollstonecraft Shelley, Robert Browning, John Stuart Mill, Ralph Waldo Emerson, Elizabeth Barrett Browning, and Alfred Tennyson)

Referatory: MERLOT.org
(74,500 members, 21,300 learning materials, October 6, 2009)

Connexions Growth
January 2009
> 8,000 modules (3–5 pages)
> 425 collections (books and courses)
multiple languages
engineering, computer science, nanotech, physics, statistics, math, history, music, bio-diversity, botany, bio-info, IP, BRTI, UNESCO, UN, Sigma XI...
from authors worldwide
45 million hits
2 million page views
1 million unique users from 200 countries

Opener #6. Learner Participation in Open Information Communities (e.g., Slashdot, Digg, Wikipedia, YouTube)

Wikis: Wikipedia and Wikibooks

Shared Online Video
(e.g., YouTube and the Royal Channel)
TV Lesson (How-to lessons from experts: 1,000's of instructional videos and articles; http://www.tvlesson.com/)

Link TV and Fora TV

dotSUB (subtitling video)

Participatory E-Books

Scribd: Documents on Web

Opener #7. Electronic Collaboration and Interaction (synchronous & asynchronous)
Synchronous Conferencing Presentations

Iran after the June Election

Voxopop (audio threaded conversations)
http://www.voxopop.com/

Opener #8. Alternate Reality Learning (Online Massive Gaming, Simulations, and Virtual Worlds; e.g., Second Life)

Second Life (business, law, education, English, medicine)

Opener #9. Real-Time Mobility and Portability (e.g., iPhone, low cost wireless devices)
We Are Going Mobile!

40,000 new mobile subscribers a week in Rwanda; Rwanda New Times 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

Terabyte thumb Drives and Magic Pens!
(The Pulse from Livescribe, $129-$169)

Mobile Learning in India with Paul Kim

Mobile Learning
(April 21, 2009, USA Today)

Opener #10. Networks of Personalized Learning
(Blogs, Podcasts, MySpace, Flickr, and RSS)

September 30, 2009
the Samsung DualView TL225

Facebook: The New Classroom
Commons?, Chronicle of HE, Harriet L. Schwartz,
Sept. 28, 2009
Podcast Shows (subscribe to ShakespeareCast.com)

Learning Towns are Popping up!

ChinesePod, ItalianPod, SpanishPod, FrenchPod, and EnglishPod

Livemocha (29 languages, 160 hours of lessons, over 2 million users, FREE!)

Predictions
1. Five Billion “Have-Nots” Have at It!
2. Emergence of Lifelong Super E-Mentors/Coaches
3. Quarter-Century Learning Clubs
4. Terabyte Learning Access Points
5. The Veneration of Learning
6. Personalization+ Portfolios
7. The Selection of Global Learning Partners
8. The Shared Learning Era
9. Teaching-Learning Perpetuities
10. Teachers, Teachery
11. The Rise of the Super Blends
12. Self-Determined Humans
13. Free Learning Zones
14. Authentic Learning Analogizations
15. Alexandrian Aristotiles

Slides at: TrainingShare.com
Papers: PublicationShare.com
Book: http://worldisopen.com/
The World is Open. What happens then?

WE ALL LEARN!!!