Learning World Is Open:
Now E-ALL-LEARN with Web Technology

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Dig In, archaeology fans!
UCLA blogs to offer front-row seat at archaeology digs
By Mag Sullivan, 6/25/2008

UCLA Newsroom
Skeleton (Sofkendi, Albania)
June 25, 2008

UCLA undergraduates participating in the Coban Institute's field study program will learn to conserve and classify the contents of ancient tombs discovered in Albania.

Plato's academy: 387 BC - 529 AD

Conference to Conference
(You Ustreamed my Ustream:
Now that's a Twitter of an Idea)

The Ten Forces that Flattened the World

1. 11/9/01: Berlin Wall came down
2. 8/9/95: Netscape went public
3. Work Flow Software (e.g., PayPal and eBay)
4. Open-Sourcing (self organizing collaborative communities: Mozilla, Apache, Wikipedia, Linux, Mozilla/ Firefox, )
5. Outsourcing (Y2K)
6. Offshoring (e.g., China, Mexico, Thailand)
7. Supply-Chainning (e.g., Walmart)
8. Insourcing (UPS fixing Toshiba laptops)
9. In-ferming (e.g., Google, Yahoo, MSN Web Search)
10. The Steroids: Digital, Mobile, Personal, and Virtual (e.g., wireless, file sharing, VoIP, video camera in phone)
Three Larger Trends of WE-ALL-LEARN

- The availability of tools and infrastructure for learning.
- The availability of free educational content and resources (OER—Open Educational Resources).
- A move towards a culture of open access to information, international collaboration, and global sharing.

The Ten Forces that Flattened the World

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

What if our minds were on fire for learning?

Scientists develop fastest computer
June 9, 2008
By H. JOSEF HEBERT, Associated Press Writer

- To put the computer’s speed in perspective, it has roughly the computing power of 100,000 of today’s most powerful laptops stacked 1.5 miles high, according to IBM. Or, if each of the world’s 6 billion people worked on hand-held computers for 24 hours a day, it would take them 46 years to do what the Roadrunner computer can do in a single day.
Home Broadband 2008: Adoption Stalls for low-income Americans even as many broadband users opt for premium services that give them more speed (Pew Internet & American Life Project, 2008, July 2008)

Terabyte thumb Drives and Magic Pens! (The Pulse from Livescribe)
Second, we need new ways to record info: Smartpens: "Never Miss a Word"

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

Global Text Project (free textbooks for those in less developed countries) http://globaltext.org/

The Ten Forces that Flattened the World
2. Enormous E-Learning and Blended Learning
Growth of Online Learning in Secondary Schools
(Florida Virtual School; AP American History)

Total and Online Enrollment in Postsecondary Institutions
Fall 2002 through Fall 2006

Sara Cordell, professor of English at the University of Illinois-Springfield, says she feels online students need more writers' help because they get too much practice. NPR Special, Nov 29, 2007, Larry Abramson.

(67% of US Colleges and universities offer online courses; 35% offer fully online programs.)

'Distance learning' gets its close-up
By G. Jeffrey MacDonald, Special for USA TODAY
November 2007

- More than two-thirds of all U.S. colleges and universities offer online courses, and 35% of schools offer programs that are entirely online, according to the Sloan survey, and 20% of the USA's 17 million college students say they have taken at least one course online.

Capella Tower
225 South Sixth Street, Minneapolis
Formerly, the "Halo"

The Ten Forces that Flattened the World
3. Availability of Open Source and Free Software (e.g., Linux, Apache, Moodle)

Moodle

Community Growth
The Ten Forces that Flattened the World

4. Leveraged Resources and OpenCourseWare (OCW) (e.g., free courses from MIT, Utah State, CORE, OOPS)

Cape Town Open Education Declaration
December 2007
http://www.capetowndeclaration.org/

OpenCourseWare Projects

National Repository for Online Courses (NROC) Commons

Opensource OpenCourseware Prototype System (OOPS) funded by, the Foundation of Fantasy, Lucifer Chu, Chairman and Janitor of OOPS, Taipei
The Ten Forces that Flattened the World

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

Tracking Live Internet Thawing: A Colossal of an Idea

Referatory: MERLOT.org

Repository: Connexions (Rice University) and Curriki (Sun Micro)

What if the World was Beyond our World?
NASA's Hubble Space: Google Sky) USA Today, August 22, 2007
http://earth.google.com/sky/index.html

The Ten Forces that Flattened the World
6. Learner Participation in Open Information Communities (e.g., Slashdot, Digg, Wikipedia, YouTube)

Skype, Google Talk, Chinesepod, LiveMocha, VoiceThread, YackPack, Dotsub, Chinswing, and many other Collaborative Language Learning
But now there is TeacherTube!

Individual Produced Videos (e.g., African School Dream in CurrentTV)
http://current.com/items/7746282_african_school_dream

Global Nomads Group
http://www.gng.org/home.html

Wikis: Wikipedia and Wikibooks
1kg More Project for Rural China
(http://www.1kg.org/)

EPals has for-profit and nonprofit arms.
Candace Pauchnick, standing, uses its tools in her class.
By STEVE LEHMAN
Published: February 24, 2008
New York Times

Room to Read
http://www.roomtoread.org/programs/schools.html

The Ten Forces that Flattened the World
8. Alternate Reality Learning
(Online Massive Gaming, Simulations, and Virtual Worlds; e.g., Second Life)

Philippine President
Now Resides In
Second Life
The Ten Forces that Flattened the World

9. Real-Time Mobility and Portability (e.g., iPhone, low cost wireless devices)

The Age of Wireless

Ongoing Learning

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

Wireless in Africa and Pocket School in Latin America

http://www.thelearningworldisflat.com/mobile-learning-in-developing-countries

OLPC in Nigeria: School Galadima
One Laptop Per Child foundation (OLPC) provided School Galadima in March 2007 with an XO laptop for each child. In Primary 4, 5 and 6 and also for each member of the staff.

Learning Towns are Popping up!
**Map Mash-ups**
(e.g., Shakespeare's Global Globe; PopSci, June 12, 2008, Michael Behar
google earth environment guide the free software from google
gives scientist's a new world view (azian fall, emotions in cities,
vulcanic plumes (ice melting)).

**Video Supported Language Learning**
(e.g., ECPod)

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**Final Sharing Questions**
- For what purpose will people share?
- Who will continue to maintain or update such sites?
- Will online sharing become expected of all faculty members around the planet?
- How will copyright issues be addressed?
- What happens when one did not mean to share his or her course contents or ideas, or, at least, not as widely?
- How will such learning objects of today be viewed in 100 or 200 years?

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**It is the End!!!**
Learning is now flat/open...
Remember that WE-ALL-LEARN!

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**TutorVista** has 600 tutors in India and 10,000 subscribers in the United States, including Kenneth Tham in Arcadia, Calif.