

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

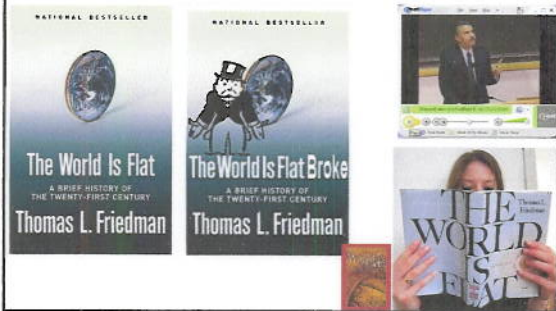
Curtis J. Bonk, Professor, Indiana University
President, CourseShare, LLC
cjbonk@indiana.edu
<http://php.indiana.edu/~cjbonk>



Do you know the shape of the world?



Is the World Flat?



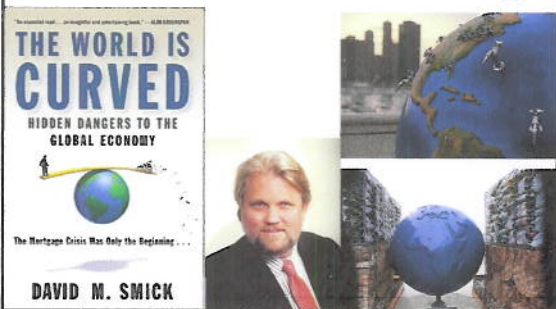
The Ten Forces that Flattened the World

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

1. 11/9/89: Berlin Wall came down
2. 8/9/95: Netscape went public
3. Work Flow Software (e.g., PayPal and eBay)
4. Open-Sourcing (Self organ collab communities; Mosaic, Apache, Wikipedia, Linux, Mozilla)
5. Outsourcing (Y2K)
6. Offshoring (e.g., China, Mexico, Thailand)
7. Supply-Chaining (e.g., Walmart)
8. Insourcing (UPS fixing 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)




Is the World Curved?



Is it spiky?



Or is it Open?



The MIT Press

Opening Up Education

The Collective Advancement of Education Through Open Technology, Open Content, and Open Knowledge

Edited by Peter Bursch and M. S. Vijay Kumar

The Complete Text (PDF) available (ACS LIB)

Download Chapter Download PDF (26.26 MB)

Forecast: Creating a Culture of Learning

John Bursch, Editor Download Chapter Download PDF (200.00)

Introduction


Download Chapter Download PDF (245.00)

Section 1: Open Educational Technology

Download Chapter Download PDF (245.00)

OPENING UP EDUCATION

The Collective Advancement of Education through Open Technology, Open Content, and Open Knowledge



Edited by Peter Bursch and M. S. Vijay Kumar

Foreword by John Bursch





Oregon Scientific Smartglobe



August 9, 2010, Bill Gates Predicts Technology Will Make 'Place-Based' Colleges Less Important in 5 Years


By Jeff Young, Chronicle of HE

<http://chronicle.com/ViewFullStory.aspx?ci=12788&tid=1&cid=1&cid=1&cid=1>


Wired Campus

Bill Gates Predicts Technology Will Make 'Place-Based' Colleges Less Important in 5 Years

Bill Gates on In-person vs. online edu...



July 25, 2010, Professors' Use of Technology in Teaching, Jeffrey Young, Chronicle of Higher Education




Percent of faculty who:

- Use just e-mail
- Use just web sites
- Do not use either

Technology	Use just e-mail (%)	Use just web sites (%)	Do not use either (%)
Course management systems (Blackboard, Canvas, etc.)	27%	12%	61%
Plagiarism detection tools (Turnitin, iParagon, etc.)	4%	20%	76%
Collaborative editing software (Blogger, Google Docs, etc.)	3%	2%	95%
Diags	2%	1%	97%
Student response systems (Clickers, wireless response, etc.)	8%	1%	91%
Videoconferencing or Internet phone class (Zoom, WebEx, etc.)	4%	1%	95%
Video games, Simulations, or virtual worlds (Second Step, etc.)	3%	1%	96%

May 24, 2010 Author Nicholas Carr, The Web Shatters Focus, Rewires Brains

http://www.wired.com/magazine/2010/05/ff_nicholas_carr/



Question: What is the Web?

- An entertainment system?
- A writing aid?
- A communications system?
- A means to handle commercial transaction?
- A social networking device?



=====

No, it is a learning tool!

Answer: The Web of Learning

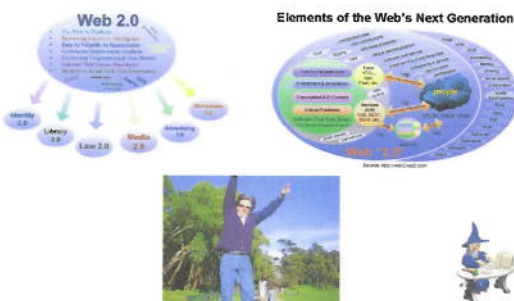


The Web of Learning



Today we have the Web 2.0

We are entering a jumping off point...



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

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

The screenshot shows a Discovery News article with a blue header and various images of archeological sites and equipment. The text is partially obscured but includes the name David Thomas and mentions La Trobe University.

Michael Perham & Zac Sunderland, Summer 2009 (each age 17, youngest person to sail solo around the world...and blog on it, use Skype, YouTube, take videos, post pictures, Minoru Saito, age 75, oldest solo sailor; August 21, 2010: 14 year-old Dutch girl)

The collage includes a world map showing a sailing route, a person on a boat, a person at a computer, and a person in a boat. Text overlays include "Dutch teen sets sail on solo world trip" and "Sunderland, 16, reportedly in trouble".

Perhaps people learning online are akin to the alien archaeologists in the 2008 movie, *Indiana Jones and the Kingdom of the Crystal Skull*, Indy said, "Their treasure wasn't gold, it was knowledge. Knowledge was their treasure."

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 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"

- Pipes:** The availability of tools and infrastructure for learning.
- Pages:** The availability of free educational content and resources (OER—Open Educational Resources).
- 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.)

The Learning World is Open

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

WE

ALL

LEARN!!!

Free Online Books and now the Blio (a free e-book platform to run on any device; Bright Spots: Canada, Korea, and California)

July 29, 2010 Amazon unveils 3rd-generation Kindle e-book reader, USA Today, Edward C. Baig

April 10, 2010: Seton Hill University, 2,100 students an iPad and freshmen a 13-inch MacBook laptop. August 10, 2010, Can college students learn as well on iPads, e-books?, USA Today, Beth Marklein

USA TODAY

Does iPad have the magic to bring people together?

USA TODAY, June 7, 2010

An iPad for Everyone

July 23, 2010 India unveils \$35 computer for students, CNN World, Harmeet Shah Singh

http://www.cnn.com/2010/WORLD/india/07/23/india.35.dollar.computer/index.html?hpt=HP_AJacket-Shin
http://www.cnn.com/videos/2010/07/23/india.35.dollar.computer/index.html?hpt=HP_AJacket-Shin

CNN World

India unveils \$35 computer for students

CNN

\$35 iPad wannabe

Opener #2. E-Learning and Blended Learning

The Learning World is Open

Oprah.com NEW EARTH WEB EVENT

More in the Classroom

Letter from Bill Gates about online learning (January, 2010)

<http://www.gatesfoundation.org/annual-letter/2010/Pages/education-learning-online.aspx>

BILL & MELINDA GATES Foundation

ALL LIVES HAVE EQUAL VALUE

Annual Letter from Bill Gates: Online Learning

Salmon Khan (Khan Academy) (videos on math, bio, trig, chemistry, money and banking, economics, statistics, etc.; <http://www.khanacademy.org/>)

KHAN ACADEMY

Linear Algebra: Introduction to Vectors

Salman Khan: Math master of Internet

A Grain of Rice: A Bloomington man's computer vocab game feeding the world (John Breen)

Rice

For each word you get right, we donate 10 grains of rice through the United Nations to help end world hunger.

A GRAIN OF RICE

Adora Svitak, age 12, World's Youngest Teacher

Adora Svitak: World's Youngest Teacher

TED

Florida Virtual School, 71,000 unique students

This is half credit completions, which means all included have successfully completed a half credit enrollment (per Julie Young, June 2, 2010)

NCVPS Predicted Growth

Academic Year	Half Credit Completions	Actual Enrollment
2006-07	~10,000	~10,000
2007-08	~15,000	~15,000
2008-09	~20,000	~20,000
2009-10	~25,000	~25,000
2010-11	~30,000	~30,000
2011-12	~35,000	~35,000
2012-13	~40,000	~40,000
2013-14	~45,000	~45,000
2014-15	~50,000	~50,000

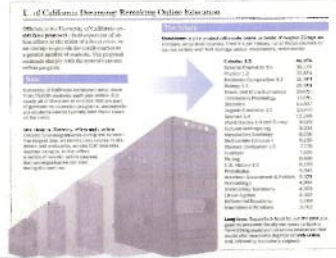
79% growth (per Dr. Bryan Setzer, Executive Director, North Carolina Virtual Public School Learns and Earns Online, July 4, 2010)

North Carolina Virtual Public School

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



U. Of California System Proposing Online Ed
Chronicle of HE, May 14, 2010, Josh Keller and Marc Perry
"The university plans to spend about \$250,000 on each course. It hopes to raise the money from external sources like foundations or major donors."



iSMART: Integration of Science, Mathematics, and Reflective Teaching (iSMART) is a FREE 2-year online graduate program for middle school science and mathematics teachers in Texas, University of Houston

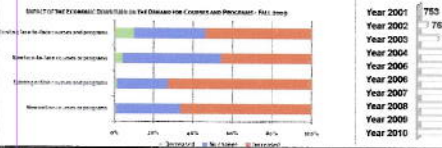
<http://www.coe.uh.edu/mycoe/CIIN/math/iSMART%20 flyer4.pdf>
<http://www.coe.uh.edu/mycoe/CIIN/math/iSMART.cfm>

You see the big picture. You find the connections.
 Make it official - become iSMART.

Jen Chauvot and Mimi Lee, Univ of Houston

TOTAL AND ONLINE ENROLLMENT IN DEGREE-GRANTING POSTSECONDARY INSTITUTIONS - FALL 2002 THROUGH FALL 2008

	Total Enrollment	Annual Growth Rate Total Enrollment	Students Taking at Least One Online Course	Annual Growth Rate Online Enrollment	Online Enrollment as a Percent of Total Enrollment
Fall 2002	16,611,710	NA	1,602,970	NA	9.6%
Fall 2003	16,911,481	1.8%	1,971,397	23.0%	11.7%
Fall 2004	17,272,043	2.1%	2,329,783	18.2%	13.5%
Fall 2005	17,487,481	1.2%	3,180,050	36.5%	18.2%
Fall 2006	17,758,872	1.6%	3,488,381	9.7%	19.6%
Fall 2007	17,975,830	1.2%	3,938,111	12.9%	21.9%
Fall 2008	18,199,020	1.2%	4,606,353	16.9%	25.3%



Open U of Malaysia, March 25, 2010

Mexico's Monterrey Tech Pushes E-Learning, as Some Worry It Won't Solve Region's Burgeoning Need
June 16, 2010, Chronicle of Higher Ed, Marion Lloyd

"A decade ago, only one in 50 Mexicans had access to the Internet. Today that figure is one in four, a staggering cultural transformation that is fueling a boom in online degree programs in the country."
Monterrey Institute of Technology and Higher Education...has allowed it to reach more than 35,000 new students



U.S. DEPARTMENT OF EDUCATION

Evaluation of Evidence-Based Practices in Online Learning
A Meta-Analysis and Review of Online Learning Studies

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

The Learning World is Open

Moodle (35+ million users (930,000 registered) in 213 countries, nearly 50,000 sites, 3.5+ million courses, June 27, 2010)

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

The Learning World is Open

Open Educational Resources (OER) Post Courses in YouTube and iTunes (e.g., Berkeley)

Opensource Opencourseware Prototype System (OOPS) funded by, the Foundation of Fantasy, Lucifer Chu, Chairman and Janitor of OOPS, Taipei)

The Biggest OCW Localization Volunteer Group in the World

Sample OpenCourseWare Projects (Tufts, Johns Hopkins)

National Repository for Online Courses (NROC) Commons

The image shows a screenshot of the National Repository for Online Courses (NROC) Commons website. The page features a search bar at the top, navigation tabs for 'Home', 'About', 'Courses', and 'Help'. Below the search bar, there is a section titled 'Welcome to a worldwide learning network' with a brief description of the platform. A sidebar on the left lists various course categories like 'Business', 'Education', and 'Healthcare'. The main content area displays a grid of course cards with titles and brief descriptions.

Peer2Peer University and University of the People (free!)

Neeru Paharia is behind Peer2Peer University, Fast Company, September 2009, How Web-Savvy Edupunks Are Transforming American Higher Education

Israeli Entrepreneur Plans a Free Global University That Will Be Online Only

This block contains a collage of news articles and photos. On the left, there is a photo of Neeru Paharia and a snippet from Fast Company magazine from September 2009. On the right, there is a photo of a man (likely Neeru Paharia) and a snippet from a news outlet titled 'Israeli Entrepreneur Plans a Free Global University That Will Be Online Only'. The collage also includes various social media icons and smaller text snippets.

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

The Learning World is Open

A Single Group Helps Trigger an Online-Publishing Explosion

The Public Knowledge Project, a nonprofit group, estimates that the online publishing software it offers free has given rise to more than 5,000 open-access academic journals around the world. Below is their geographic distribution, by continent, as of last month.

The image features a world map with different continents highlighted in various colors to represent the geographic distribution of open-access academic journals. The map is titled 'A Single Group Helps Trigger an Online-Publishing Explosion' and includes a small inset image of a person's face.

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

"The introduction of video into almost every aspect of our learning and work tasks is profound and "disrupting." As designers, we must experiment with these formats – looking for evidence and appropriate use cases and examples of when not to use video." (Video blogs, Webinars, Webcasts, keynotes, etc., Elliott Masie, Learning Trends, March 2, 2010)

This block contains a small portrait of a man on the left and a collage of images on the right. The collage includes a person at a computer, a person in a lecture hall, and other scenes related to online learning and video content.

How about rich video portals?

Most of the Websites below did not exist 5 or 10 years ago.

1. BBC News Video and Audio
2. CNN.com Video
3. MSNBC.com
4. Google Video, Yahoo Video
5. Current TV
6. Fora TV
7. MIT World
8. YouTube, YouTube Edu
9. TeacherTube
10. Link TV, Explore, Global Pulse, Latin Pulse
11. Howcast, Big Think, WonderHowTo, Explor.TV, NASA TV, ClipChef, TV Lesson, BookTV, Edutopia videos, MonkeySee, doFlick, the Research Channel, iVideosong

The image displays logos for several video portals: Google, YouTube (with the tagline 'Broadcast Yourself'), Howcast, and BookTV (with the tagline 'ON CSPAN2').

How TED Connects the Idea-Hungry Elite, Fast Company, Anya Kamenetz, September 1, 2010

<http://www.fastcompany.com/magazine/148/how-ted-became-the-new-harvard.html>

This block shows a screenshot of a Fast Company article titled 'How TED Connects the Idea-Hungry Elite' by Anya Kamenetz, dated September 1, 2010. The article features a photo of Chris Anderson and a quote: 'Chris Anderson: The entrepreneur bought TED in 2001. "It felt like something you could devote your life to," he says'. The screenshot also shows the article's title, author, and some introductory text.

More Shared Online Video: Academic Earth, TV Lesson, and Fora TV

Transforming the System: An Interview with Michelle Rhee
 Arpan Institute

FORA.tv
 Thousands of video lectures from the world's top scholars.

TVLesson.com
 Thousands of video lectures from the world's top scholars.

Ida (a transitional species) 47-Million-Year-Old *Darwinius Masillae* Fossil the Missing Link? (wowOwow, May 20, 2009)

horizons blog

wowOwow

Human Brain Dissected Today in a Live Webcast, Chronicle of Higher Education, December 02, 2009, 01:00 PM ET

https://chronicle.com/blogPost/Human-Brain-Dissected-Today-in/90537aid=pmkutm_source=pmkutm_medium=en

THE CHRONICLE
 of Higher Education

December 2, 2009

Home NEWS OPINION & IDEAS FACTS & FIGURES TOPICS

Security Administration Technology Community Colleges International Special Reports

Tweed

December 02, 2009 11:00 PM ET

Human Brain Dissected Today in a Live Webcast

In 1993, Merz Doctor Midawer agreed to undergo experimental brain surgery in hopes of erasing the epileptic seizures and headaches that had plagued him since age six. The neurosurgeon William Theodore Brownlee, at Harvard Medical in Connecticut, explained that most of Midawer's hippocampus.

"The seizure largely stopped," writes Bruce Lefkowitz in the San Diego Union-Tribune. "But as the old Midawer's ability to learn new information, though he could recall parts of his life before the surgery, a condition called severe amnesia set in."

The Complete Works of Charles Darwin, The Carlyle Letters, The Diary of Samuel Pepys, ect.

The Complete Works of Charles Darwin

The Carlyle Letters

The Diary of Samuel Pepys

The Royal Society 350th anniversary celebrations puts historic papers online (Captain Cook, Sir Isaac Newton and Benjamin Franklin), BBC, Nov 30, 2009

<http://news.bbc.co.uk/2/hi/science/nature/8381425.stm>

Audio slideshow: 350 years of discovery

The world's oldest science academy, The Royal Society in London, is marking its 350th anniversary by putting its archive of handwritten papers in some of its most celebrated papers.

Original documents by Robert Boyle, Robert Hooke, Sir John Wallis and Benjamin Franklin are being made available online. They are part of a new digital archive, with the longest list of authors, 300 names.

ACCOMPT
 OF THE GREAT
 INGENIOUS
 CONSIDERABLE PARIS
 D.

The Royal Society puts historic papers online

Sharing Repositories and Referatories

MERLOT.org: 78,472 members, 21,690 large materials, Jan 3, 2010
Connexions: Dec 2009, 1.6m unique users, 4 million page views, 72 million hits, More than 1m users, 200 countries
National Repository of Online Course, OER Commons

MERLOT

Connexions

OER Commons

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

John Dewey, Seymour Papert, John Seely Brown, Ivan Illich, Stephen Heppell, Henry Jenkins

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

Shared Online Video
(e.g., YouTube and the Royal Channel)

TravelinEdMan (YouTube)
<http://www.youtube.com/user/TravelinEdMan>

Individual Produced Videos
(e.g., African School Dream in Current TV)
http://current.com/items/77146082_african_school_dream

Participatory E-Books

This collage features several e-book covers. On the left is 'THE FUTURE OF THE INTERNET AND HOW TO STOP IT' by Jonathan Zittrain. In the center is 'OPENING UP EDUCATION: The Collaborative Advancement of Education through Open Technology, Open Content, and Open Research by Thomas H. Davenport and D.J. Patil'. On the right is 'The Wealth of Networks: How Social Media and the Millions Made Possible the Rise of Amazon.com and eBay.com' by Richard A. Radwin. Other smaller covers include 'Social Media and the Wealth of Networks' and 'The Future of the Internet'.

Scribd: Documents on Web

(<http://www.scribd.com/>; 50 million unique visitors per month, 10's of millions of documents, April 2010)

The image shows a screenshot of the Scribd website's 'Publish Yourself Online' section, which includes options like 'Upload Documents', 'Share with the World', and 'Explore Our Library'. Below the screenshot is a photograph of two men standing in front of a Scribd booth at an event, with a 'Scribd' logo on the wall behind them.

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

This collage includes several educational resources. At the top right is 'The Learning World is Open'. In the center is 'Collaboration Generation' with the subtitle 'NEW! SKILLS FOR A NEW AGE'. Below that is 'edutopia: The Collaboration Age'. Other elements include 'Social Media and the Wealth of Networks' and various images of students and teachers interacting with technology.



SEEDS OF EMPOWERMENT

Empowering is a part of the story

This collage features images of students and teachers using laptops and tablets. A central graphic titled 'SEEDS OF EMPOWERMENT' includes the text 'Empowering is a part of the story' and a diagram showing a cycle of learning and empowerment. The bottom part of the collage shows a group of students in a classroom setting.

August 5, 2010, Remaking the College Campus, Bridget McCrea, Campus Technology

June 2010, 7 Tips for Building Collaborative Learning Spaces, Campus Technology, Matt Villano

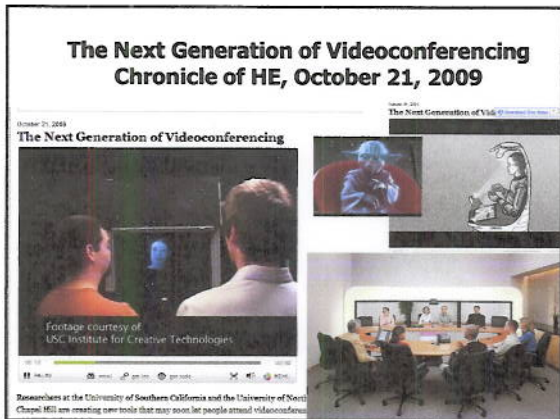
The image shows a screenshot of a Campus Technology article titled '7 TIPS FOR BUILDING COLLABORATIVE LEARNING SPACES'. The article includes a list of tips and a photo of a modern, open-plan learning space. Below the screenshot are two more photographs: one of a modern building exterior and another of an interior learning space with students at tables.



Yonsei University, Seoul, Korea



Synchronous Conferencing Presentations



The Next Generation of Videoconferencing
Chronicle of HE, October 21, 2009



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)

15m people/month India
40,000/week Rwanda
60,000 earthlings/hour

Force is with new GPS units

June 9, 2010

TwitterPeek: Restricted to Twitter.

WikiReader: Updating can be a pain.

Social Networking Gaming (e.g., Farmville)
 For social networks, it's game on, USA Today, Jon Swartz, Thursday October 15, 2009

For social networks, it's game on

Quick, simple fun farms on Facebook MySpace

FARMVILLE

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

The Learning World is Open

September 30, 2009
 the Samsung DualView TL225

August 10, 2010
 Flipboard pretties up social-media updates
 Facebook statuses and tweets feed into magazinelike format in free app for iPad
 Jefferson Graham, USA TODAY
http://www.usatoday.com/printedition/money/20100811/flipboard11_st.art.htm

Some Papers Are Uploaded to Bangalore to Be Graded, Chronicle of Higher Education, April 4, 2010, Audrey Williams June

Lori Whisenant, who teaches business law and ethics at the U. of Houston, has outsourced the grading of students' papers to a private company.

July 21, 2010 vs. Sept 28, 2009
 Status update: Facebook logs 500 million members, USA TODAY, Kristin McGrath

SOCIAL NETWORKING

Top social networking sites

Total unique visitors in August (in tens, work, colleges)

Facebook.com	62.2 million
MySpace.com	64.2 million
Twitter.com	20.8 million
Diigo.com	17.4 million
Classmates.com sites	13.8 million
Bebo.com	12.5 million
MyLife.com sites	11.4 million
Windows Live Profile	10.2 million

FACEBOOK ACTIVE USERS

Jul. 2010	500 million
Jul. 2009	200 million
Jul. 2008	100 million
Jul. 2007	50 million
Jul. 2006	25 million
Jul. 2005	10 million
Jul. 2004	5 million
Jul. 2003	2 million
Jul. 2002	1 million
Jul. 2001	500,000
Jul. 2000	250,000

Teaching With Twitter

Chronicle of HE, Jeffrey Young, November 22, 2009
 Sugato Chakravarty, a professor of consumer sciences and retailing at Purdue University, has welcomed Twitter into the lecture hall, even though the service lets students engage in back-channel discussions. The questions submitted via **Hotseat** for the professor and guest speakers are projected for all the students to see.

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, Teachers
11. The Rise of the Super Blends
12. Self-Determined Humans
13. Free Learning Zones
14. Authentic Learning Amalgamations
15. Alexandrian Aristotles

Decisions for this Open Ed World?

- **Technology and Admin Folks:**
 - What do to about OER, open sources, E-books, mobile, etc.?
- **Instructor decisions:**
 - Act as Concierge, Counselor, Course facilitator, Credit manager?
- **Students decisions:**
 - Should I attend traditional university or create your own degree path?
 - How to report use of OER on resumes?

- This book is an attempt to reveal a wide range of learning options in front of you while also offering you a framework to make sense of them. As the Grail Knight said in the 1989 movie, *Indiana Jones and the Last Crusade*, "choose wisely." If you do, WE-ALL-LEARN. The world is now open to you!

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

WE
ALL
LEARN!!!