

30 Emerging Learning Technologies

Curtis J. Bonk,
Professor, Indiana University
cjbonk@indiana.edu
http://mypage.iu.edu/~cjbbonk/



The Next 30 Years, USA Today, Sept 14, 2012

<http://www.usatoday.com/video/news/1839139560001>



The Next 30 Years, USA Today, Sept 14, 2012

<http://www.usatoday.com/video/news/1839139560001>



The Next 30 Years, USA Today, Sept 14, 2012

<http://www.usatoday.com/video/news/1839139560001>



Jobs fight: Haves vs. the have-nots, Tim Mullaney, USA Today, Sept 14, 2012, Marc Andreessen

<http://www.usatoday.com/story/news/technology/2012/09/14/jobs-fight-haves-vs-the-have-nots/119940>

Jobs fight: Haves vs. the have-nots

As USA TODAY celebrates its 30th anniversary, we interviewed some of the USA's greatest visionaries to talk about the world of tomorrow: How we'll live, learn and travel, what we'll do and who we'll be.



MENLO PARK, Calif. — Marc Andreessen made his first fortune writing code. That was long before the wunderkind co-author of the Netscape browser morphed into the 41-year-old founder of Andreessen Horowitz, the fastest-growing venture-capital firm in Silicon Valley. Deep in his thinking about the future of work and jobs, there are still hints of the programmer.

Programmers write in binary math, all zeros and ones. Andreessen says a 20-year-old today will find 2042's job market as binary as well, code that'll

"The spread of computers and the Internet will put jobs in two categories," Andreessen says. "People who tell computers what to do, and people who tell the computers what to

Creator of Twitter sees blur of change, Jon Swartz, USA Today, Sept 14, 2012

<http://www.usatoday.com/story/tech/columnist/2012/09/14/creator-of-twitter-sees-blur-of-change/17729238/1>

Creator of Twitter sees blur of change

by Jon Swartz, USA TODAY

Updated 12h 12m ago



Jack Dorsey created Twitter and credit card reader firm Square.

As USA TODAY celebrates its 30th anniversary, we interviewed some of the USA's greatest visionaries about the world of tomorrow: How we'll live, learn and travel, what we'll do and who we'll be.

SAN FRANCISCO — In creating Twitter, Jack Dorsey changed the world of communication. In founding the company Square, he is redefining mobile payments. Yet one of Silicon Valley's brightest stars says he believes the future is all about the past.

"Consider history," Dorsey says in his soft-spoken, low-key manner. "Every technology was invented for one purpose: Enable humans to take actions faster."

May 5, 2012
Shaq earns doctorate degree
<http://www.youtube.com/watch?v=Szj6UQnBdIp>

September 21, 2012
As Online Courses Grow, Sites Offering Unauthorized Academic Help Get More Brazen, Chronicle of Higher Education, Alisha Azevedo

As Online Courses Grow, Sites Offering Unauthorized Academic Help Get More Brazen
 September 21, 2012, 11:02 am
 By Alisha Azevedo

September 21, 2012
As Online Courses Grow, Sites Offering Unauthorized Academic Help Get More Brazen, Chronicle of Higher Education, Alisha Azevedo

As Online Courses Grow, Sites Offering Unauthorized Academic Help Get More Brazen
 September 21, 2012, 11:02 am
 By Alisha Azevedo

INDIANA UNIVERSITY

We are entering a jumping off point...from the Web 2.0 to???

Web 2.0

- The Web As Platform
- Harnessing Collective Intelligence

Elements of the Web's Next Generation

Smaller, thinner, lighter, and new interfaces for mobile

INDIANA UNIVERSITY

We Now Share Expertise in Many Ways (e.g., blogs, wikis, wikibooks, online news, open access journals, etc.)

Tech #1. Virtual Viewbooks: Ready or Not?, University Business, Sept 2012, Lisa Fratt
<http://www.universitybusiness.com/article/virtual-viewbooks-ready-or-not>

Virtual Viewbooks:
READY? Or NOT?
 Admissions officers go digital with their institutional introductions.

Virtual Viewbooks: Ready or Not?, University Business, Sept 2012, Lisa Fratt
<http://www.universitybusiness.com/article/virtual-viewbooks-ready-or-not>

Pepperdine University
 Senior College
strengthening lives for purpose, service and leadership.
ART
 An art major covers a range of studio art skills to increase creative ability in students while fostering the appreciation of art. The performers are all accomplished professionals in their fields and offer critical teaching experience for students to develop their own distinct artistic style. In their senior year, studio art majors participate in the Senior Art Show which draws professionals, collectors, and critics from the Greater Los Angeles area, allowing the student to experience their talent.

Virtual Viewbooks: Ready or Not?, University Business, Sept 2012, Lisa Fratt
<http://www.universitybusiness.com/article/virtual-viewbooks-ready-or-not>

Learn in a City that Inspires

Expand

Virtual Viewbooks: Ready or Not?, University Business, Sept 2012, Lisa Fratt
<http://www.universitybusiness.com/article/virtual-viewbooks-ready-or-not>

Pepperdine University
 Senior College
strengthening lives for purpose, service and leadership.
FAST FACTS
 Click the categories to the right to see the breakdowns of students attending Seaver College.
 ETHNICITY
 GENDER
 GEOGRAPHY
 MAJORS
 Approximately 3,000 undergraduate students
 Students from all 50 states
 Pepperdine Athletic National Titles:
 Baseball 1992 Golf 1997
 Tennis 2006 Water Polo 1997
 Volleyball 1978, '85, '86, '92, '05
 Malibu, CA campus located 15 miles from Los Angeles

Virtual Viewbooks: Ready or Not?, University Business, Sept 2012, Lisa Fratt
<http://www.universitybusiness.com/article/virtual-viewbooks-ready-or-not>

PRESBYTERIAN COLLEGE
 HOME ACADEMICS CAMPUS LIFE LIFE AFTER PC ADMITTED STUDENTS
 Connect VISIT REQUEST INFO APPLY NOW CAMPUS MAP
Get in the middle of it all!
 At PC, we take tremendous pride in everything we do. In the classroom, on the playing fields, and in the community, we bring our Blue Hose spirit with us. Within our community, it is known as Blue Pride. Click the highlighted features on each page to learn more about what PC has to offer.

Virtual Viewbooks: Ready or Not?, University Business, Sept 2012, Lisa Fratt
<http://www.universitybusiness.com/article/virtual-viewbooks-ready-or-not>

PRESBYTERIAN COLLEGE
 HOME ACADEMICS CAMPUS LIFE LIFE AFTER PC ADMITTED STUDENTS
 Connect VISIT REQUEST INFO APPLY NOW CAMPUS MAP
Challenging Academics
 You will find a unique blend of challenging courses and practical experiences that can take you across the country and around the world. Our professors will engage you in the classroom and give you the opportunity to use that information through internships, student-faculty research, or a study abroad program.

Virtual Viewbooks: Ready or Not?, University Business, Sept 2012, Lisa Fratt
<http://www.universitybusiness.com/article/virtual-viewbooks-ready-or-not>

Virtual Viewbooks: Ready or Not?, University Business, Sept 2012, Lisa Fratt
<http://www.universitybusiness.com/article/virtual-viewbooks-ready-or-not>

**Virtual Viewbooks
Western State University**

**Virtual Tours
Western State University**

**Virtual Tours
Western State University**

Columbia International University
 7435 Monticello Road
 Columbia, SC 29203

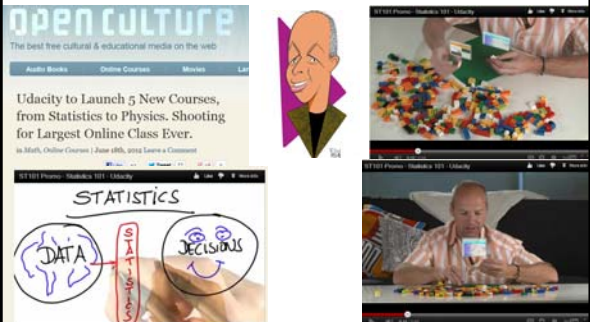
Virtual Viewbooks: Ready or Not?, University Business, Sept 2012, Lisa Fratt
<http://www.universitybusiness.com/article/virtual-viewbooks-ready-or-not>

Virtual Viewbook

An introduction to Washington and Lee University for prospective students and their families



Tech #2. MOOCs. June 18, 2012
Udacity to Launch 5 New Courses, from Statistics to Physics. Shooting for Largest Online Class Ever.
http://www.openculture.com/2012/06/udacity_to_launch_5_new_classes.html



April 29, 2012

Open Education's Wide World of Possibilities, Chronicle of Higher Education, Katherine Mangan
http://chronicle.com/article/Open-Education's-Wide-World-of/131672?cid=ai&utm_source=ai&utm_medium=en

The Digital Campus thinkcollege.org

Home | News | Special Reports | The Digital Campus

April 29, 2012

Open Education's Wide World of Possibilities

Photo: iStockphoto.com/Steve Delaney

Small farming The Delta (Delta) grows up feeding lakes in Tibet. The new health education projects in this home region and studies HPAI, and modern poverty online through Yam U's open classes.

By Katherine Mangan

July 17, 2012

Into the Fray, Steve Kolowich, Inside Higher Education
<http://www.insidehighered.com/news/2012/07/17/ava-and-11-others-become-latest-plan-moocs#ixzz2Du9JkxW>

Coursera's Institutional MOOC Partners

- ★ Original Member
- ★ New Member

U. of Washington (Original Member)
 U. of Michigan (Original Member)
 U. of Toronto (Original Member)
 Princeton U. (Original Member)
 U. of California at San Francisco (Original Member)
 U. of Illinois (Original Member)
 Stanford U. (Original Member)
 Johns Hopkins School of Public Health (Original Member)
 Caltech (Original Member)
 Rice U. (Original Member)
 U. of Virginia (Original Member)
 Duke U. (Original Member)
 Georgia Tech (Original Member)
 U. of Pennsylvania (Original Member)

Not on Map: Ecole Polytechnique Fédérale de Lausanne (Switzerland), U. of Edinburgh (U.K.)
 Source: Coursera
 Designed by Lauren Rouppas

Online University For All Balances Big Goals, Expensive Realities, Claudio Sanchez, NPR, August 27, 2012
<http://www.npr.org/blogs/alltechconsidered/2012/08/27/160116814/online-university-for-all-balances-big-goals-expensive-realities>

Audio: <http://www.npr.org/player/v2/mediaPlayer.html?action=1&1=1&start=false&id=160116814&=160125003>
 Students work at the University of the People student computer center in Haiti. Students from 129 countries are currently enrolled with the institution

Online University For All Balances Big Goals, Expensive Realities

By Claudio Sanchez

Listen to the Story

UNIVERSITY OF THE PEOPLE
Student Computer Center

Naylea Omayra Villanueva Sanchez, 22, lives on the edge of the Amazon rain forest in Peru.

Naylea Omayra Villanueva Sanchez says her location near the Amazon rain forest in Peru, combined with a disability, makes a traditional university education impossible.

How online courses will revolutionize college, Mary Beth Marklein, USA TODAY, September 12, 2012
<http://www.wtsp.com/news/article/273243/81/How-online-courses-will-revolutionize-college>

How online courses will revolutionize college

11:27 PM, Sep 12, 2012

Jonathan Sabatiz, 23, and his sister Karla, 18, go over a finance quiz last month. (Victoria Aniche, USA TODAY)

September 3, 2012

Before You Jump on the Bandwagon ..., Chronicle of HE, Alison Byerly
<http://chronicle.com/article/Before-You-Jump-on-the/134090/>

September 3, 2012

Before You Jump on the Bandwagon ...

By Alison Byerly

October 15, 2012

Designing a New Learning Environment, Stanford Online, Dr. Paul Kim
<http://venture-lab.org/education>

Stanford ONLINE

Designing A New Learning Environment

INSTRUCTOR: Paul Kim
 Chief Technology Officer and Assistant Dean, School of Education, Stanford University
 Starting Fall 2012


Enroll

The Course


What constitutes learning in the 21st century? Should education be based on delivering content and getting students to memorize facts? Should reading, watching, and taking exams be part of all learning? Should there be more interactive, collaborative, and constructive learning activities integrating mobile and social networking tools of today? Should new creative and learning activities be more fun and game-like?

INDIANA UNIVERSITY

Edupunk Bloggers, Jim Groom, Instructional Technologist, Mary Washington University;
<http://jimgroom.net/about/>



- Describes growing movement toward high-tech-do-it-yourself education.
- Mainly motivated by astronomical costs of higher education.




The Siege of Academy,
Washington Monthly, Kevin Carey,
September/October, 2012

http://www.washingtonmonthly.com/magazine/SeptemberOctober_2012/features/_lls_thru_colock_in039317.php?tag=all

Washington
MONTHLY

The Siege of Academe
 For years, Silicon Valley has lashed the walls of higher education with disruptive technology. But the tide of battle is changing. A report from the front lines.
 By Kevin Carey



Tech #3. Google Glass. June 27, 2012

ABC News, Google I/O Conference: Project Glass Prototype For Sale

<http://abcnews.go.com/Technology/google-project-glass-prototype-offered-google-io-conference/story?id=1666117>



TIME Business
 News and views on the economy, markets and business

GOOGLE
 How Google's Chief Innovator Sergey Brin Is Making Science Fiction Real



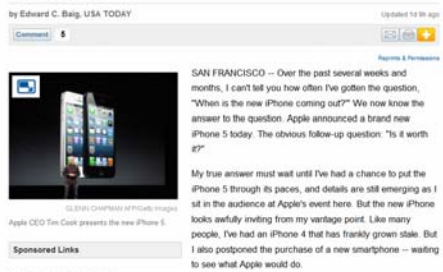
Tech #4. Smartphones. Sept 14, 2012

Baig: Apple iPhone 5 makes glowing first impression, Edward Baig, USA Today.

<http://www.usatoday.com/story/tech/2012/09/14/apple-iphone-5-makes-glowing-first-impression/5776288/>

Baig: Apple iPhone 5 makes glowing first impression

by Edward C. Baig, USA TODAY



SAN FRANCISCO — Over the past several weeks and months, I can't tell you how often I've gotten the question, "When is the new iPhone coming out?" We now know the answer to the question. Apple announced a brand new iPhone 5 today. The obvious follow-up question: "Is it worth it?"

My true answer must wait until I've had a chance to put the iPhone 5 through its paces, and details are still emerging as I sit in the audience at Apple's event here. But the new iPhone looks awfully inviting from my vantage point. Like many people, I've had an iPhone 4 that has frankly grown stale. But I also postponed the purchase of a new smartphone — waiting to see what Apple would do.

How mobile are you?

Apple's new 'spaceship' campus: What will the neighbors say?, Doug Gross, CNN, May 22, 2012

http://www.cnn.com/2012/05/22/tech/innovation/new-apple-campus/index.html?hpt=hp_bn11



INDIANA UNIVERSITY

You can be anywhere



Mobile Support: May 8, 2012
 "Project Re: Brief | Coca-Cola | Mobile Ad Demo"
<http://www.youtube.com/watch?v=45Z-GevoYB8&feature=relmfu>

Judy Brown, Keynote talk, "Learning in Hand With Mobile Technology," Wisconsin Distance Teaching and Learning Conference, August 10, 2012

Category	Percentage
It is now my primary computer	46.7%
I still use a laptop more often	53.3%
Sub-category (Laptop/Primary)	39.7%
Sub-category (Laptop/Primary)	29.1%
Sub-category (Laptop/Primary)	60.3%
Sub-category (Laptop/Primary)	70.9%

Tablets Gaining On Laptops

Judy Brown, Keynote talk, "Learning in Hand With Mobile Technology," Wisconsin Distance Teaching and Learning Conference, August 10, 2012

Pebble: E-Paper Watch for iPhone and Android

68,686 Backers
 \$10,252,136 (Amount of pledges only)
 14 HOURS TO GO

Pebble

Judy Brown, Keynote talk, "Learning in Hand With Mobile Technology," Wisconsin Distance Teaching and Learning Conference, August 10, 2012

Mobile is the single most pervasive technology ever invented

Putting Global Mobile in Context

Technology	Percentage of Population
Mobile Phone	~90%
Smartphone	~40%
Tablet	~10%
Other mobile devices	~5%
PC	~30%
TV	~15%
Other household appliances	~10%
Refrigerator	~10%
Washing Machine	~10%
Stove	~10%
Washing Machine	~10%
Stove	~10%

Judy Brown, Keynote talk, "Learning in Hand With Mobile Technology," Wisconsin Distance Teaching and Learning Conference, August 10, 2012

iPods Changed Media Industry... iPhones Ramped Even Faster... iPad Growth (3x iPhone) Leaves "Siblings" in Dust

First 8 Quarters Cumulative Unit Shipments, iPod vs. iPhone vs. iPad

Quarter After Launch	iPod	iPhone	iPad
1	~10,000	0	0
2	~20,000	0	0
3	~30,000	~10,000	0
4	~40,000	~20,000	0
5	~50,000	~30,000	~10,000
6	~60,000	~40,000	~20,000
7	~70,000	~50,000	~30,000
8	~80,000	~60,000	~40,000


KPCB

Poll:
Do you suffer from nomophobia?

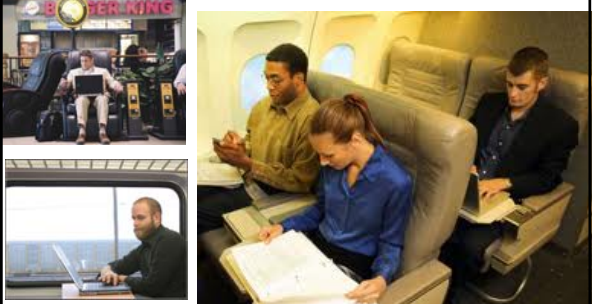
A. Yes
 B. No

Poll:
Do any of your immediate family members suffer from nomophobia?

A. Yes
B. No



Are you totally mobile?



INDIANA UNIVERSITY

Web Conferencing (e.g., team projects, class meetings, language learning, etc.)



INDIANA UNIVERSITY

Tech #5. Web Conferencing: Dimdim



INDIANA UNIVERSITY

Video Chat Collaboration (US and Brazilian scholars discusses research)



INDIANA UNIVERSITY

Synchronous Guest Expert Collaborations



Ψ
INDIANA UNIVERSITY

Perspectives from Other Regions of the World

Ψ
INDIANA UNIVERSITY

Global Nomads Group

Ψ
INDIANA UNIVERSITY

Cross-Institutional Wikibook Project (e.g., IU and the University of Houston)

Ψ
INDIANA UNIVERSITY

Global Videoconferencing

Ψ
INDIANA UNIVERSITY

Global Synchronous Team Activities

Tech #6. User-Designed E-Books. Sept 18, 2012
How to turn Wikipedia into an e-book,
John D. Sutter

http://www.cnn.com/2012/09/18/tech/mobile/wikipedia-e-book/index.html?hpt=hp_13

January 29, 2012
Apple's new electronic textbook initiative just another chapter in a developing story, Herald Times, Mike Leonard
http://www.heraldtimesonline.com/stories/2012/01/29/news_apples-new-electronic-textbook-initiative-just-another-chapter-in-story.sto?print=1

Tech #7. E-Book Readers
January 28, 2011: Amazon: Kindle Books Finally Eclipse Paperbacks, Doug Aamoth
March 2, 2011: Why Amazon would be smart to give away the Kindle, March 4, 2011, CNN Tech, Amy Gahrn

Whether a surge in e-book sales can be sustained and what effect it could have on traditional bookstores remains to be seen.

"Some universities require students to use e-textbooks,"
Yasmeen Abutaleb, USA Today, August 14, 2012
<http://www.usatoday.com/story/money/markets/story/2012-08-13/e-textbooks/57039872/1>

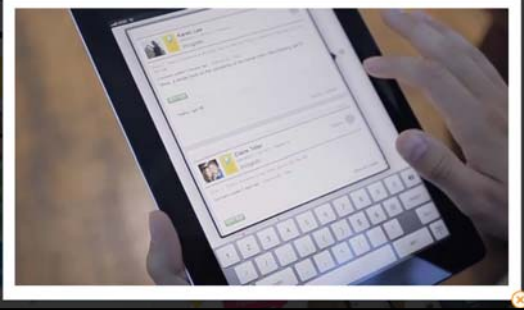
Chegg
<http://www.chegg.com/>

INDIANA UNIVERSITY

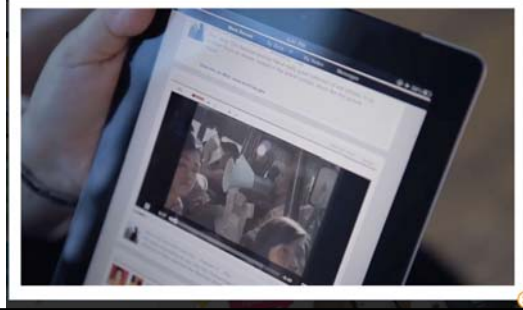
The Global Text Project

Tech #8. Social Books
Subtext
<http://subtext.com/>

Subtext
<http://subtext.com/>



Subtext
<http://subtext.com/>



Subtext
<http://subtext.com/>



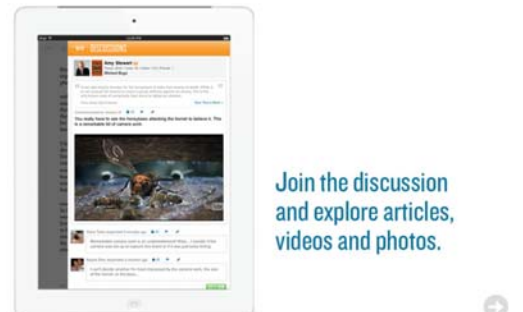
Subtext
<http://subtext.com/>



Subtext
<http://subtext.com/>



Subtext
<http://subtext.com/>



What Universities Must Learn About Social Networks, Jay Cross, September 19, 2012, The Evollution

http://www.evollution.com/distance_online_learning/what-universities-must-learn-about-social-networks/
<http://www.evollution.com/>



Increasingly, businesses are looking to more social approaches to employee learning and development. Higher education institutions must capitalize on this shift.

Tech #11. Social-media tools can boost productivity, August 13, 2012, Byron Acohido, USA TODAY

<http://www.usatoday.com/story/money/smallbusiness/story/2012-08-13/efficient-small-business-social-networks/5693990/>

Social-media tools can boost productivity

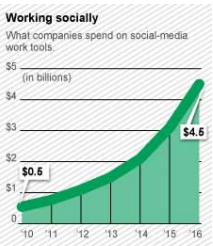


Small businesses are using technology to help them operate more efficiently and cost-effectively in an increasingly competitive environment. Each Monday, USA TODAY looks at new ways companies are gaining an innovative edge in a tough economy.

Social-media tools can boost productivity, August 13, 2012, Byron Acohido, USA TODAY

<http://www.usatoday.com/story/money/smallbusiness/story/2012-08-13/efficient-small-business-social-networks/5693990/>

Working socially
 What companies spend on social-media work tools.



Year	Spending (in billions)
2010	\$0.6
2011	~\$0.8
2012	~\$1.2
2013	~\$1.8
2014	~\$2.5
2015	~\$3.5
2016	\$4.5

Note: 2012-16 projected
 Source: IDC
 By Robert W. Ahrens, USA TODAY

Yammer

https://www.yammer.com/?return_home=true



Yammer is a Private Social Network for Your Company

Collaborate securely across departments, geographies, content and business applications.

Join Your Company's Social Network for Free

Enter your work email address

Only people with a verified company email address can join your company network.

Chatter

<https://www.chatter.com/>



Collaborate with your coworkers

Create a free private social network for your company

Enter your company email

Only people with a verified company email address can join your company network.

Used by over 100,000 companies worldwide

DELL: "Our sales team responds more quickly on Chatter!"
 NBCUniversal: "We manage TV commercial spots on Chatter!"
 Reed Exhibitions: "Our global business teams smaller on Chatter!"
 FRESNO PACIFIC: "We share training and recruiting best practices on Chatter!"

Why Chatter? | Top 10 ways to use Chatter | New Features | Customers | Mobile & Desktop | FAQs | Blog

Socialtext

<http://www.socialtext.com/>



Where work gets done. Together.

Transform your business with social software from Socialtext.

Free webinar with ClimateWorks
 ClimateWorks and Forrester Research discuss "Moving Toward the Social Knowledge Exchange!"

Business Software.com: How Enterprise Social Tools Are Transforming the Workplace

Info-Tech Recognizes Socialtext for Social Collaboration
 Info-Tech Research Group's Social Collaboration Platform Vendor Landscape has Socialtext as a Top Vendor.

The Hanover Group
 Research & Strategy

Socialtext is hiring!
 Check out our exciting career opportunities in Sales, Product Development, Engineering.

Tech #12. Online Study Groups Open Study

<http://openstudy.com/>

Quizlet

<http://quizlet.com/>

Tech #13. Mobile Dictionaries (September 2010, Chronicle of HE)

Tech #14. Student Films and Documentaries

<http://vimeo.com/33090590> (Verily)
<http://vimeo.com/33123125> (Anjali)
<http://www.youtube.com/watch?v=IQZHvuZ3rbw&feature=youtu.be> (Yue)

INDIANA UNIVERSITY

Tech #15. Collaborate using Wikis: Google Docs

Google docs

Create and share your work online

- Upload from and save to your desktop
- Edit anytime, from anywhere
- Pick who can access your documents
- Share changes in real time
- Files are stored securely online
- It's free!
- Take a tour - New Features

Not writing love letters? More [Google Docs videos](#)

INDIANA UNIVERSITY

Tech #16. Collaboration and Sharing: SlideShare

INDIANA UNIVERSITY

Tech #17. Group or Team Collaboration and Sharing: Ning

Ning in Education
Using Ning for Educational Social Networks

INDIANA UNIVERSITY

Global Project Collab Teams

(Columbia University engineering and computer science student collaboration with the Indian Institute of Technology Madras, the Helsinki University of Technology (HUT), the University of Twente in the Netherlands)

John E. Taylor, Director of the Project Network Dynamics Lab

INDIANA UNIVERSITY

Global Game Jams, Electronic Computer War Games, etc.

Global Game Jam

INDIANA UNIVERSITY

Tech #18. Wikibook Collaborations

WIKIBOOKS

INDIANA UNIVERSITY

Collaborate using Wikis: PBworks

INDIANA UNIVERSITY

Collaborate using Wikis: Wikispaces

INDIANA UNIVERSITY

Tech #19. Online Communication: Skype

Skype International Conferencing Alex Bonk in Dar es Salaam

INDIANA UNIVERSITY

Online Communication: Google Chat

INDIANA UNIVERSITY

Tech #20. Twitter (microblogging)

INDIANA UNIVERSITY

GroupTweet (freely communicate and collaborate privately)

INDIANA UNIVERSITY

Tech #21. Facebook Fan Pages (class, department, university collaboration sites)

Tech #22. Virtual Mentoring

South African teens get virtual mentoring from all over the world, By Danielle Berger, CNN, January 14, 2011
<http://www.cnn.com/2011/LIVING/01/13/cnnheroes.stokes/index.html?hpt=T2>

The image shows a screenshot of the CNN Heroes website. The main headline reads "South African teens get virtual mentoring from all over the world". Below the headline is a video player showing a grid of participants in a virtual meeting. The CNN logo and "CNN Heroes" branding are visible at the top.

Online Mentoring, June 3, 2012

Tutor/Mentor Connection (Chicago)

<http://www.tutormentorprogramlocator.net/InteractiveMap.aspx>

The image shows a screenshot of the "T/MC Program Locator" website. It features an interactive map of Chicago with various program locations marked. A sidebar on the left lists search criteria like "Park Tutoring" and "Tutoring and Mentoring". A legend on the right shows "Chicago, Illinois" with a color-coded key for "Meeting Dates".

INDIANA UNIVERSITY

Tech #23. Adventure Learning

(e.g., Aaron Doering, Univ of Minnesota)

The image shows a screenshot of an "Explore" website interface. It features a grid of video thumbnails and a central navigation area with icons for a monkey, a green frog, and the Golden Gate Bridge. The text "HELPING LEARNERS LEARN..." is visible.

INDIANA UNIVERSITY

Ice Stories Project

(Exploratorium)

The image shows a screenshot of the "Ice Stories" website. It features a header with the project name and a main content area with photos of scientists in Antarctica. A large photo of a person in a red jacket and orange hat is prominent on the right side.

INDIANA UNIVERSITY

Tech #24. Online Photomedia Projects

(Omnium, Univ of New South Wales)

The image shows a screenshot of the "COFA Online" website. It features a grid of various images, including a portrait of a man, a group of people, and a close-up of a mechanical part. The "OMNIUM" logo is visible at the bottom.

INDIANA UNIVERSITY

Tech #25. Virtual Worlds (e.g., Air University in Second Life)

The image shows a screenshot of a virtual world interface. It features a grid of various virtual environments, including a "Study group", "Seminar", "Lecture hall", "Amphitheater", and "Laboratory". A map of the virtual world is visible at the bottom right.

INDIANA UNIVERSITY

Class Meetings with Experts in Virtual Worlds

INDIANA UNIVERSITY

Tech #26. Using Blogs Blogger

INDIANA UNIVERSITY

Using Blogs: Word Press

INDIANA UNIVERSITY

Edmodo (effectively makes password protected groups of blogs; polling, instant messaging, mobile access, class calendars, etc.)

INDIANA UNIVERSITY

Tech #27. Vlogs (Blogs with video)

INDIANA UNIVERSITY

Tech #28. Learning Portals, April 3, 2012 Google Art Project, NBC Nightly News <http://www.msnbc.msn.com/id/3032619/vp/46945508#46945508>

Tech #29. Media Tools:
 Timelines, Maps, Pics, Videos, etc.
 (e.g., USA Today, August 26, 2011)
<http://www.usatoday.com/story/destinations/story/2011-08-25/Martin-Luther-King-Jr-Memorial-in-Washington-A-closer-look/5013437v1?src=3dnews>

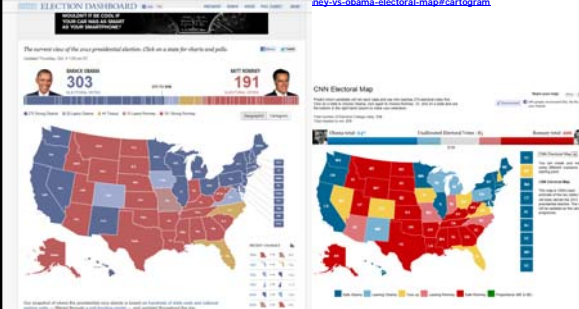
Martin Luther King Jr. Memorial in Washington: A closer look



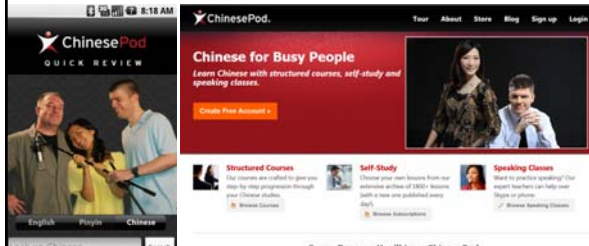
Interactive Event Timeline
 Arab spring: an interactive timeline of Middle East protests, The Guardian, Garry Blight & Sheila Pulham, July 12, 2011
<http://www.guardian.co.uk/world/interactive/2011/mar/22/middle-east-protest-interactive-timeline>



Predict outcomes (October 4, 2012)
 (e.g., Interactive Political Maps: Huffington Post)
<http://www.nytimes.com/2012/09/27/us/politics/obama-vs-romney-electoral-map-cartogram.html>




Tech #30. Online Language Learning
 (e.g., 300,000 people per month listening to ChinesePod, co-hosted by Jenny Zhu, John Pasden, and Ken Carroll)



Poll. How many ideas did you get from this talk?

- A. 0 if I am lucky.
- B. Just 1 or 2.
- C. Do I hear 3-5? 3!!!!
- D. 6-10.
- E. More than 10.



The World is Open!

Write to me with questions and comment
cjbonk@indiana.edu
<http://mypage.iu.edu/~cjbonk/>

