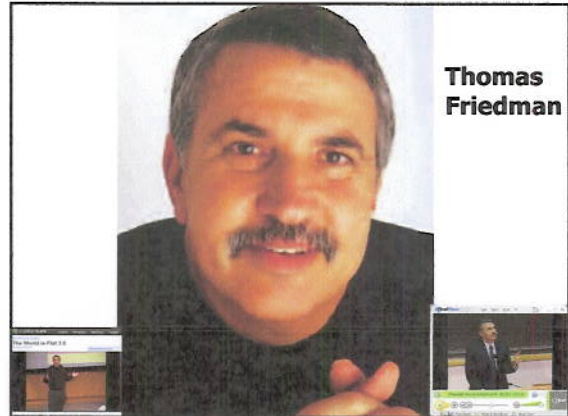
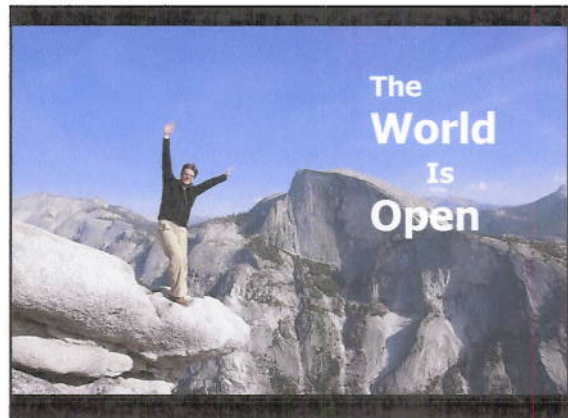


## The World is Open: Introducing the Heroes, Gurus, and Revolutionaries of the Shared Internet

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



## Oregon Scientific Smartglobe



## Grandpa George (Goronja) (West Allis, Wisconsin, built tractors 40+ years)

## People have changed the world.

Some Notable Moments in Recorded Life

## Old companies teach new tricks

Microsoft, Ford, Apple: See up to 100 years old

**Vannevar Bush**

## Charles Wedemeyer, University of Wisconsin

## 21 Things That Became Obsolete This Decade

December 11, 2009, Silicon Alley Insider

## 15 Gadgets that Changed Everything This Decade

December 9, 2009, Jay Yarow, Silicon Alley Insider



## 15 Gadgets that Changed Everything This Decade

December 9, 2009, Jay Yarow, Silicon Alley Insider



Sony's Playstation 2 sold 238 million units this decade

## College technology 'catching up' with students

By Kathleen Gray and Robin Erb, USA TODAY, October 6, 2009



## WE-ALL-LEARN:

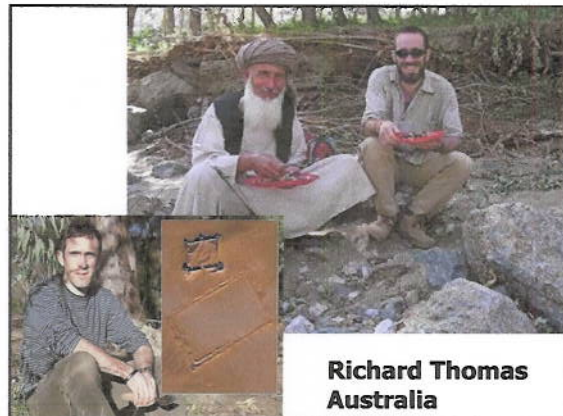
### Ten Forces that Opened the Learning World

- **W**eb Searching in the World of e-Books (i.e., Darwin)
- **E**-Learning and Blended Learning
- **A**vailability of Open Source and Free Software (e.g., Moodle)
- **L**everaged Resources and OpenCourseWare (e.g., MIT)
- **L**earning Object Repositories and Portals (i.e., shared content)
- **L**earner Participation in Open Info Communities (YouTube)
- **E**lectronic Collaboration and Interaction (sync and async)
- **A**lternate Reality Learning (Online Massive Gaming, Simulations, and Virtual Worlds; e.g., Second Life)
- **R**ead-Time Mobility and Portability (e.g., iPhone)
- **N**etworks of Personalized Learning (Blogs, RSS)

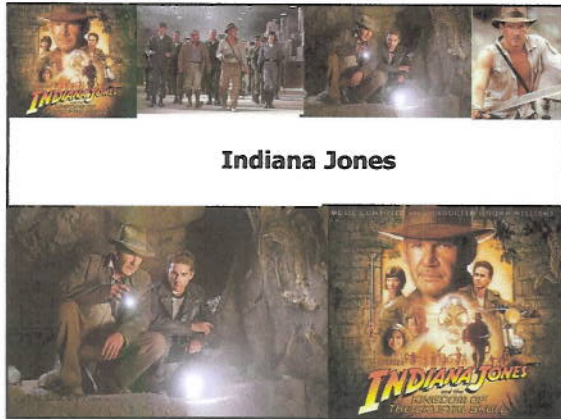
## Triple Learning Technology Convergence of "WE-ALL-LEARN"

1. **Pipes:** The availability of tools and infrastructure for learning.
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.

Lily Henry Roberts, UCLA



Richard Thomas  
Australia



Indiana Jones



■ Perhaps those learning online are akin to the alien archaeologists in the 2008 movie, *Indiana Jones and the Kingdom of the Crystal Skull*. We are seeking the knowledge nuggets of our planetary past and present. As Indy said, "Their treasure wasn't gold, it was knowledge. Knowledge was their treasure." If that is true for us as well, then today pretty much all the world's known treasures can be found online.

## Audience Participation!



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





### WE-ALL-LEARN:

#### Ten Forces that Opened the Learning World

1. [Web Searching in the World of e-Books \(i.e., Darwin\)](#)
2. [E-Learning and Blended Learning](#)
3. [Availability of Open Source and Free Software \(e.g., Moodle\)](#)
4. [Leveraged Resources and OpenCourseWare \(e.g., MIT\)](#)
5. [Learning Object Repositories and Portals \(i.e., shared content\)](#)
6. [Learner Participation in Open Info Communities \(YouTube\)](#)
7. [Electronic Collaboration and Interaction \(sync and async\)](#)
8. [Alternate Reality Learning \(Online Massive Gaming, Simulations, and Virtual Worlds; e.g., Second Life\)](#)
9. [Real-Time Mobility and Portability \(e.g., iPhone\)](#)
10. [Networks of Personalized Learning \(Blogs, RSS\)](#)

# 1



## Tim Berners-Lee, MIT

Christopher Hill, PC World

46. Sir Tim Berners-Lee  
Director, World Wide Web Consortium (W3C)

What do you do after you invent the World Wide Web and give it away for free? Start a consortium that works on making it better. This British scientist designed the first Web browser, which used language protocols (HTTP) which enabled us to access information on the Internet. He founded the W3C in 1994. He has reports written in honor of his work. And he has the post-honorary Sir title. When Berners-Lee talks, people listen.



cracking high-definition DVD formats by the still-anonymous musician, who created "backdoor" programs for HD DVD late last year and the Blu-ray Disc in January. However, nonstop remains the respite that big media fears most.

**19. Jerry Yang, David Filo, and Terry Semel, Executives, Yahoo**

Google's product innovations and its blockbuster purchase of YouTube for \$1.65 billion may have pushed Yahoo out of the limelight, but the Web giant led by founders Yang and Filo and CEO Terry Semel are fighting back. In the past two years, Yahoo has acquired online photo-sharing site Flickr and social bookmarking site Del.icio.us. It also continues to launch new properties such as Yahoo! Food and Yahoo! Pipes (for creating custom data feeds). Yahoo's recent switch to the Panama advertising platform represents another attempt to recapture ad revenue from Google. (Full disclosure: The author of this story writes a blog posted at [tech.yahoo.com](http://tech.yahoo.com).)

### The 50 Most Important People on the Web

Here's who's shaping what you read, watch, hear, write, buy, sell, befriend, flame, and otherwise do online.

**Christopher Null, PC World**  
Monday, March 26, 2007 01:05 AM EDT 06:06

ADD TO MY FAVORITES | PRINT | EMAIL | COMMENTS | RSS

RECOMMEND IT | VIEW STATS | FOLLOW US | FOLLOW US

**Important People #1 through #5**

**1. Eric Schmidt, Larry Page, and Sergey Brin, Executives, Google**

When your stock price can top \$500 a share, you're collectively worth \$33 billion in cash, and you run the most trafficked search engine on the internet, you can afford to do, well, pretty much whatever you want. Sergey Brin and Larry Page's little project from Stanford has grown into the Web's most talked-about powerhouse, and one of the few names on this list to have morphed into a verb. Schmidt left howl to join the board of directors at Google in 2001 and soon became the company's CEO. Having conquered the online advertising world, Google seems to be gearing up for an acquisition spree. Its head-grabbing purchase of YouTube marking a big step toward complete domination of the Web.

Photograph Courtesy of Google

**Marissa Mayer** leads the company's product management efforts on search products - web search, images, news, books, products, maps, Google Earth, Google Toolbar, Google Desktop, Google Health, Google Labs and more. She joined Google in 1999 as Google's first female engineer and led the user interface and web server teams at that time. Her efforts have included designing and developing Google's search interface, internationalizing the site to more than 100 languages, defining Google News, Gmail, and Orkut, and launching more than 100 features and products on Google.com

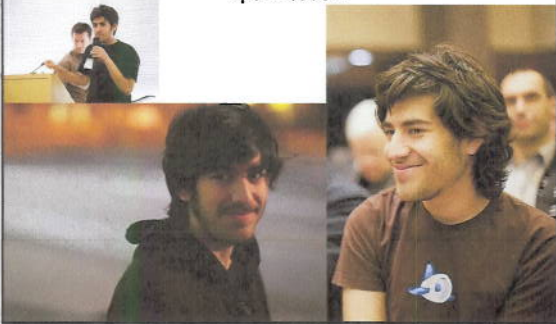
**Jeff Bezos, Amazon**

### Steve Jobs, Apple

### Brewster Kahle, the Internet Archive

## Aaron Swartz, Open Library

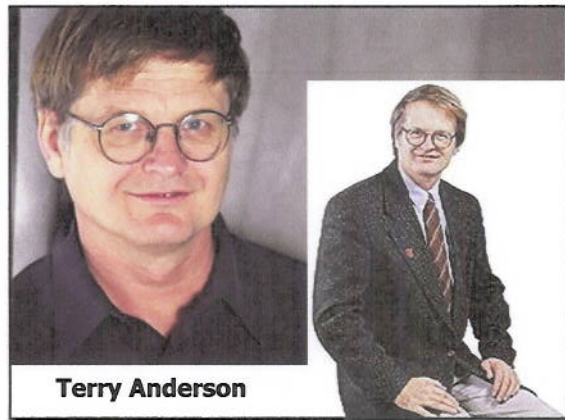
At age 14, he was a co-author of the RSS 1.0 specification.



## Barnes & Noble unveils its e-reader USA Today, October 21, 2009 William Lynch, Nook



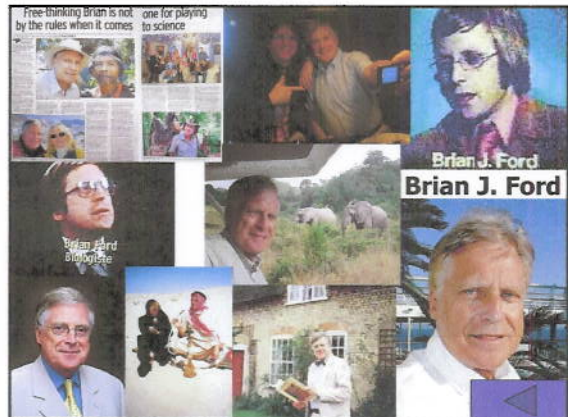
## Richard Watson, Univ of Georgia



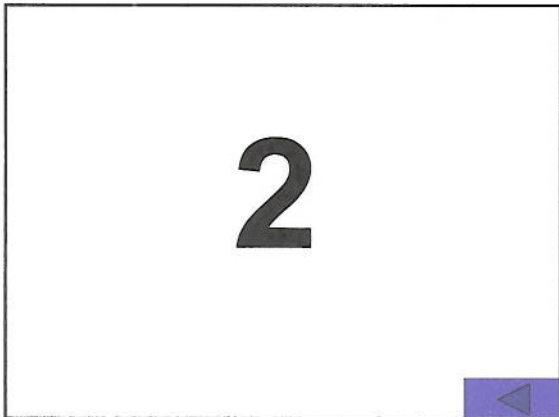




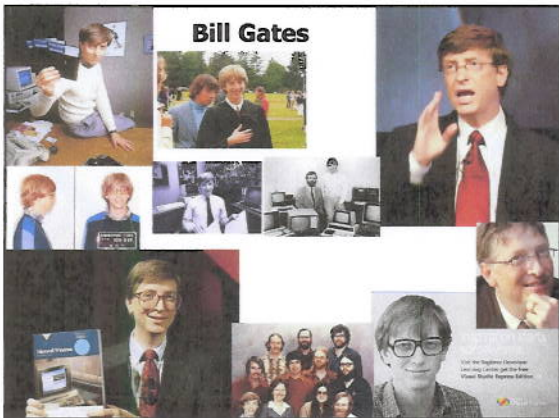
John Bivens, head of services and support for On Demand Books, demonstrates the printing of a book from an Espresso Book Machine at Google headquarters.



Brian J. Ford  
Brian J. Ford



Oprah Winfrey



Bill Gates



Adora Svitak



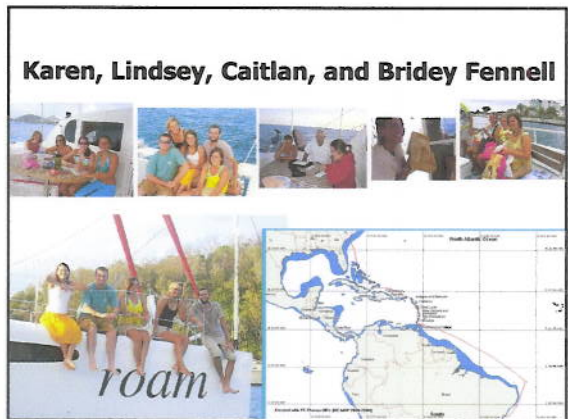
**Julie Young,  
Florida Virtual School**



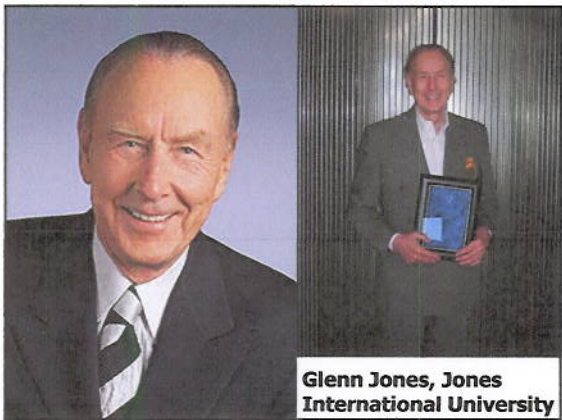
**Bruce Colston,  
Indiana University  
High School**



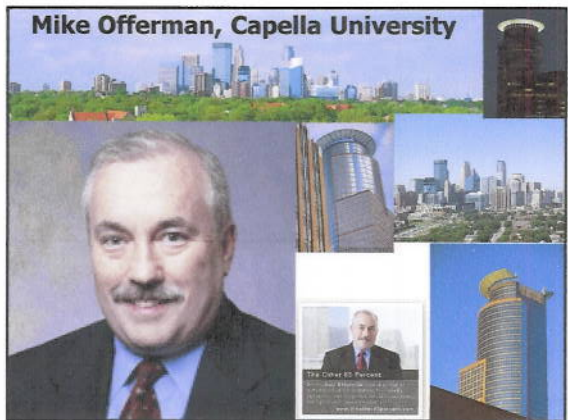
**Evren Ozan,  
Native  
American flute  
music**



**Karen, Lindsey, Caitlan, and Bridey Fennell**



**Glenn Jones, Jones  
International University**

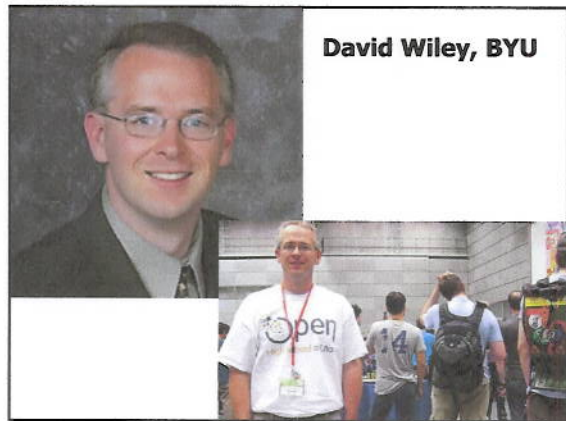


**Mike Offerman, Capella University**





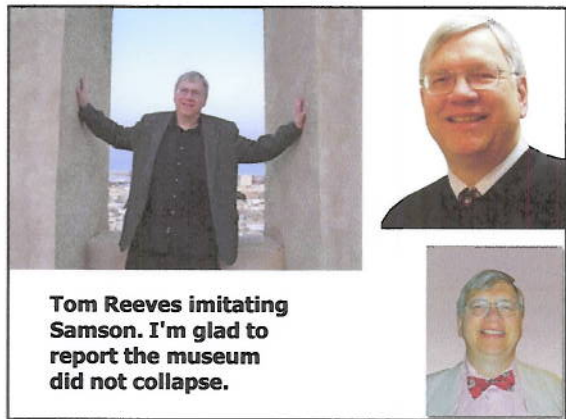
**Chuck Dziuban**



**David Wiley, BYU**



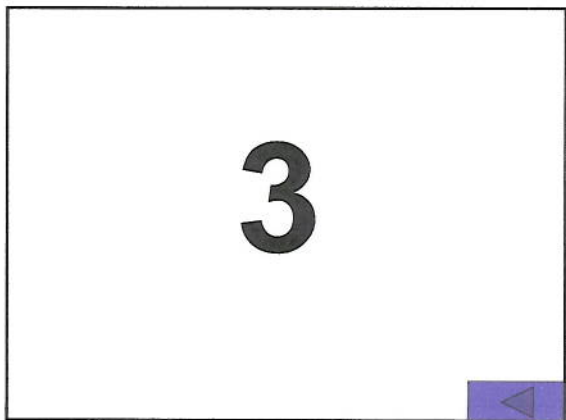
**George Siemens, Athabasca Univ.**



**Tom Reeves imitating Samson. I'm glad to report the museum did not collapse.**



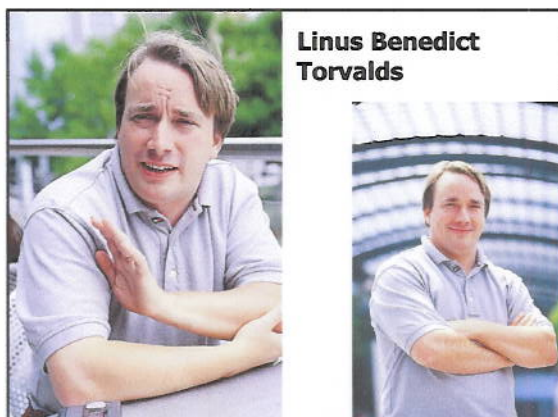
**John Breen**



**3**



**Mitch Kapor**  
President of the Open Source  
Applications Foundation



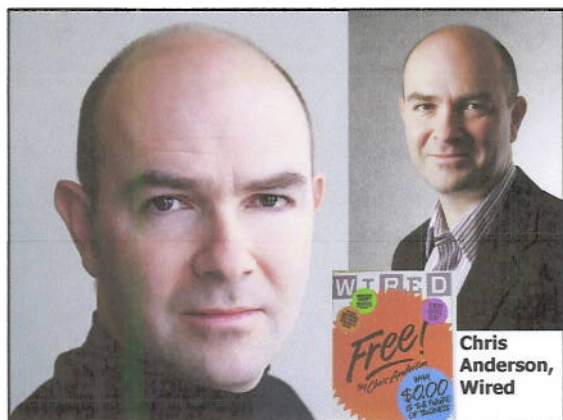
**Linus Benedict  
Torvalds**



**FREE AS IN  
FREEDOM**  
RICHARD STALLMAN'S  
CRUSADE FOR FREE SOFTWARE



**Martin  
Dougiamas  
from  
Moodle**

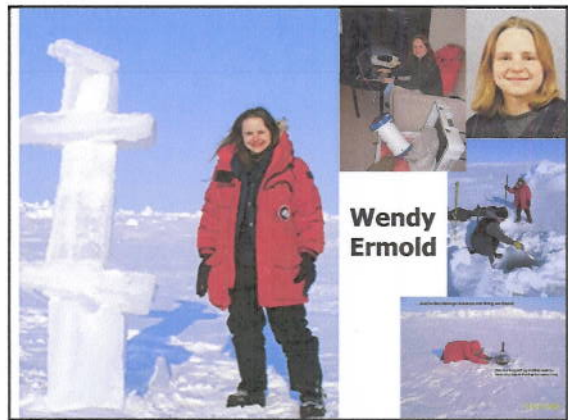
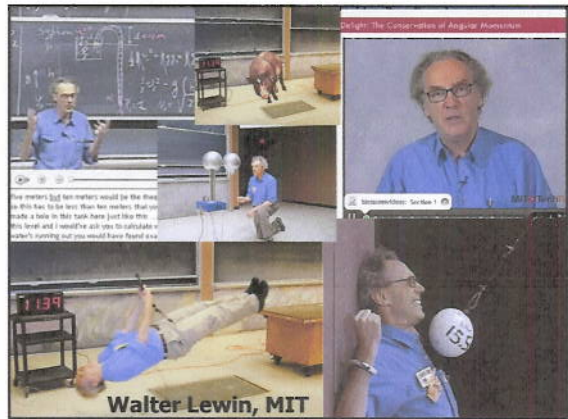
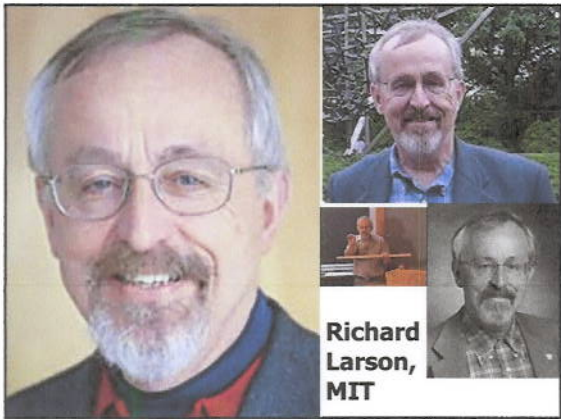
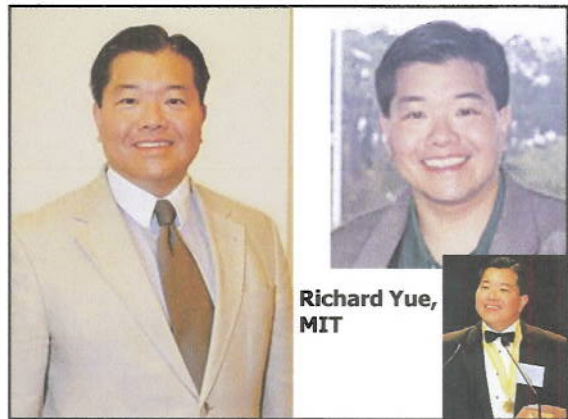
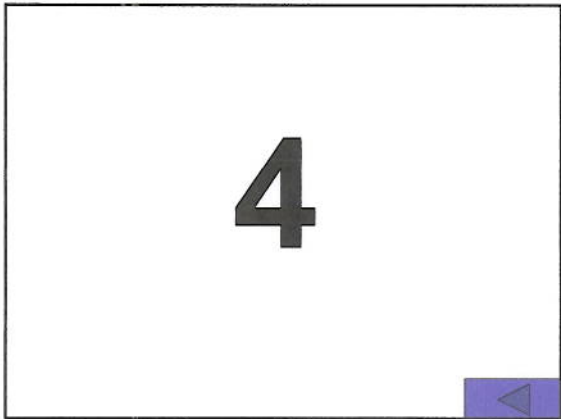


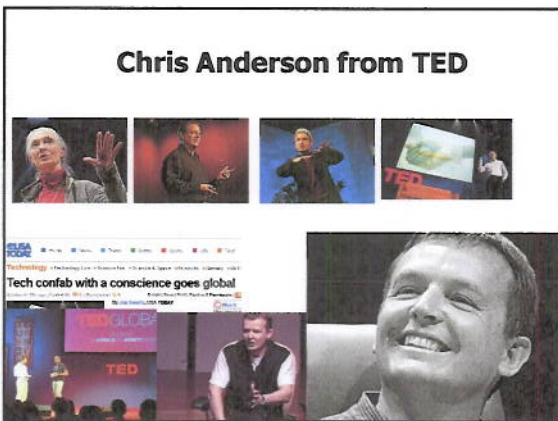
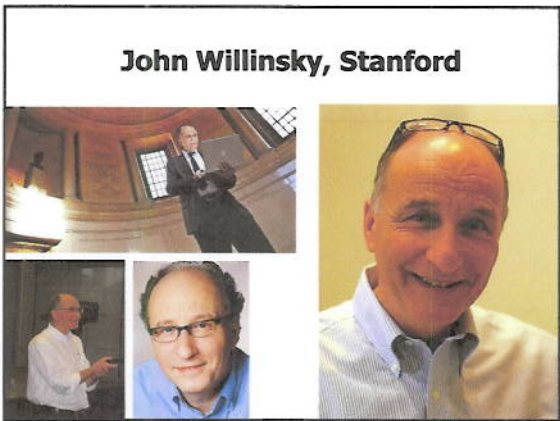
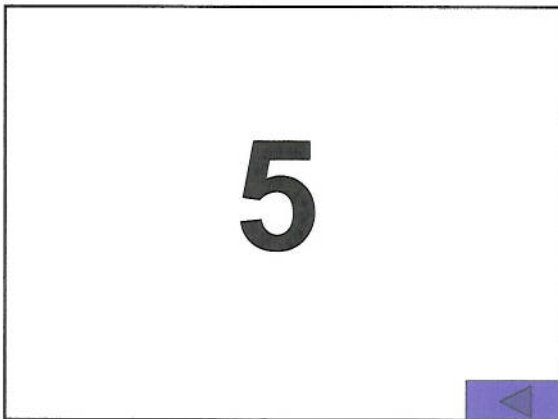
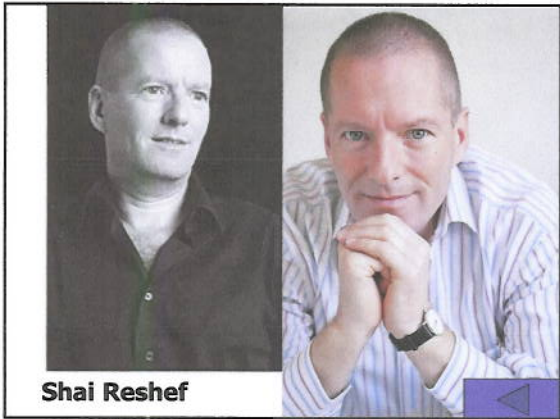
**WIRED**  
**Free!**  
Chris Anderson  
Wired



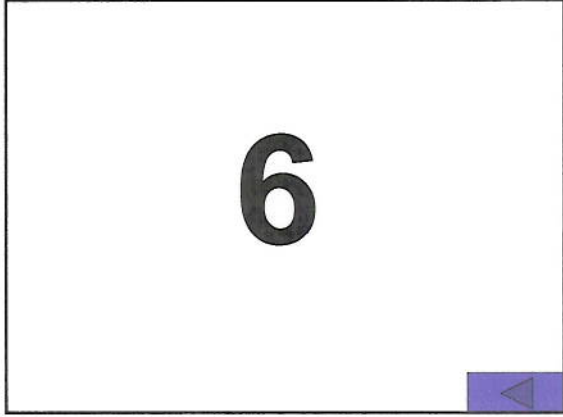
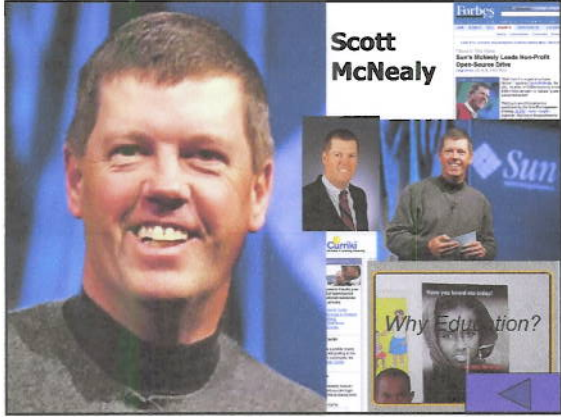
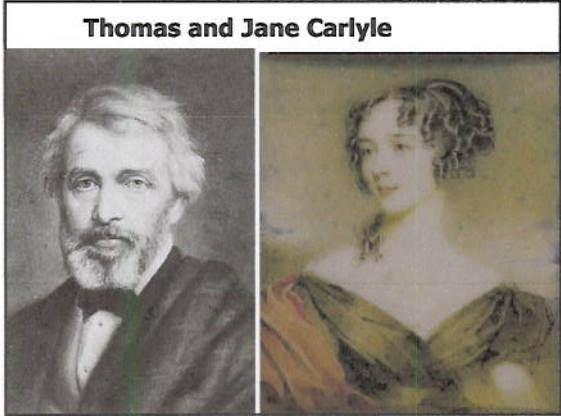
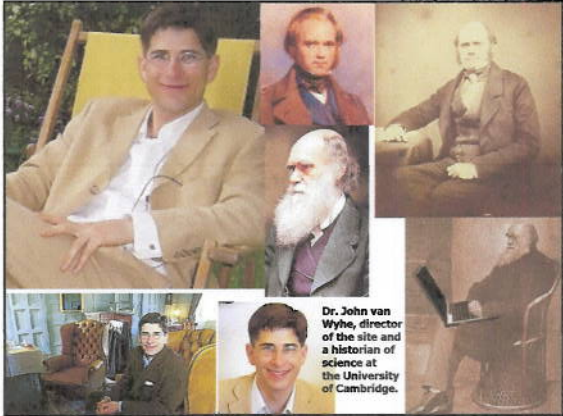
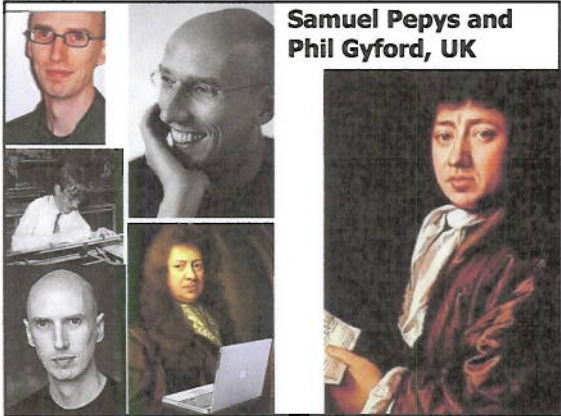
**Larry  
Lessig,  
Harvard**

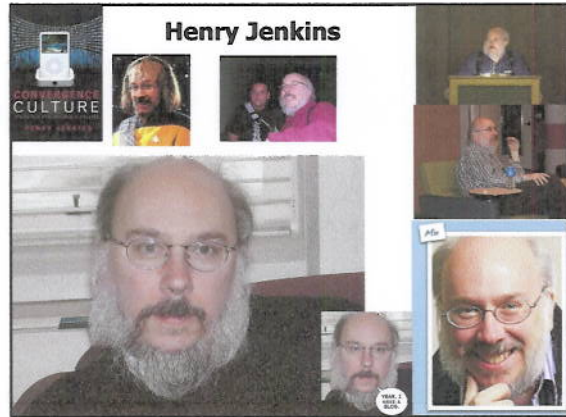
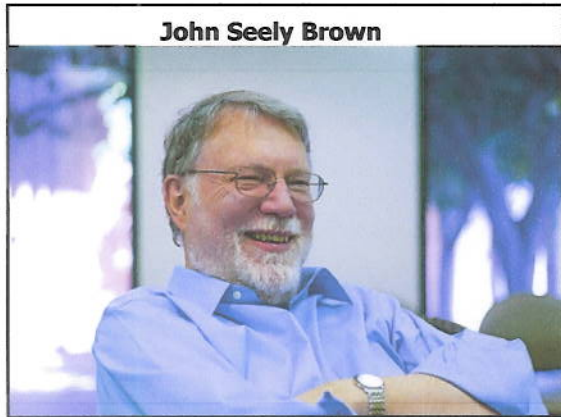
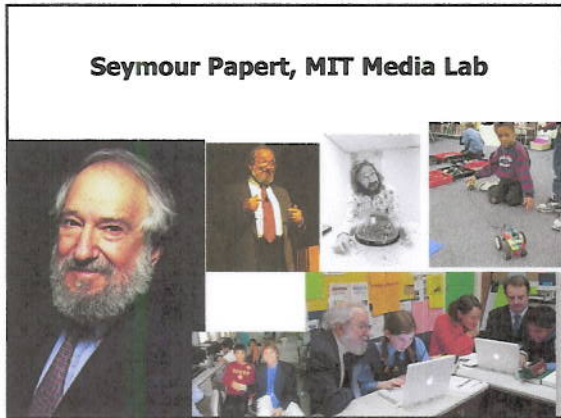
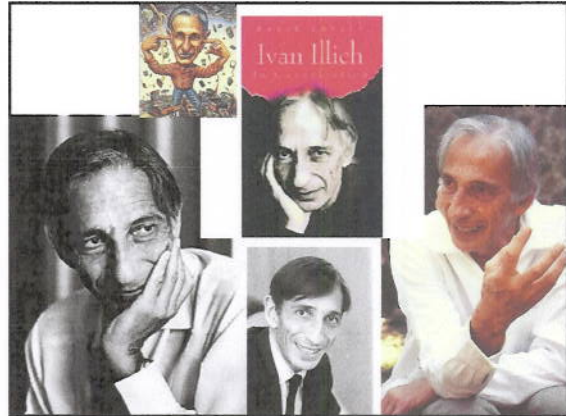
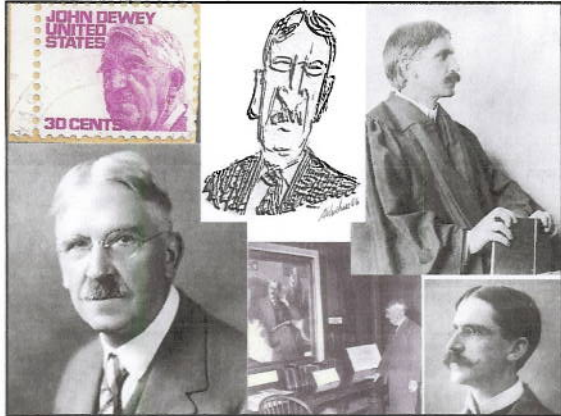




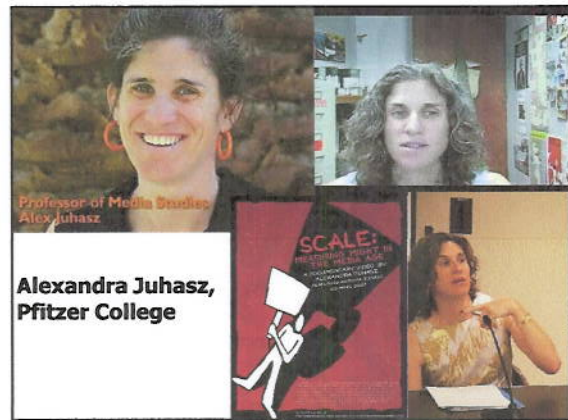


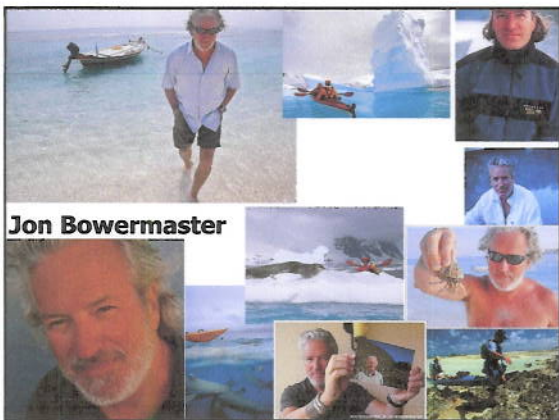
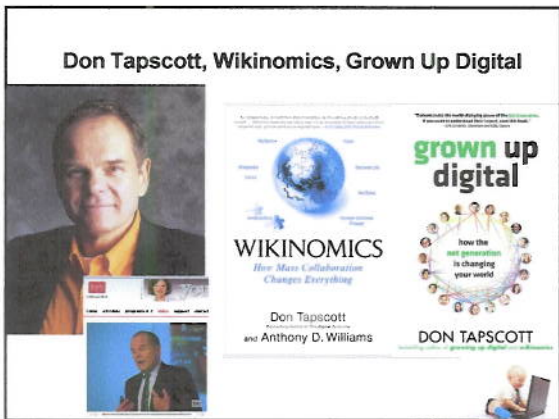
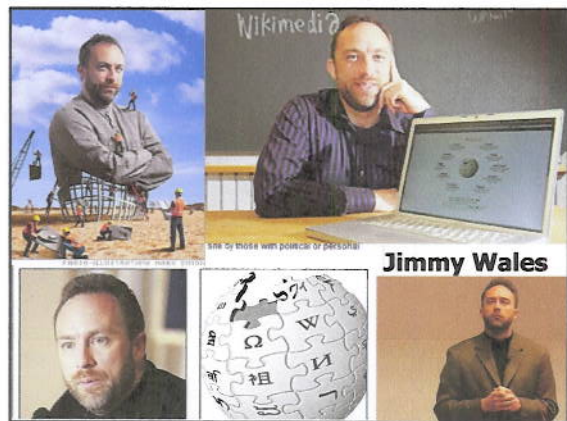
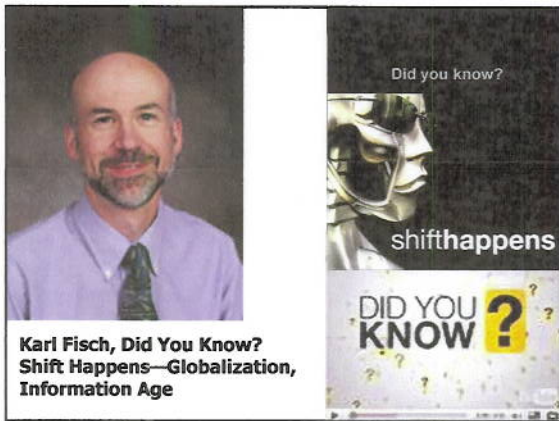




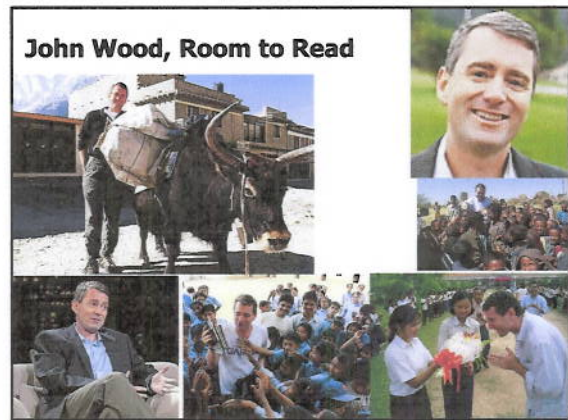
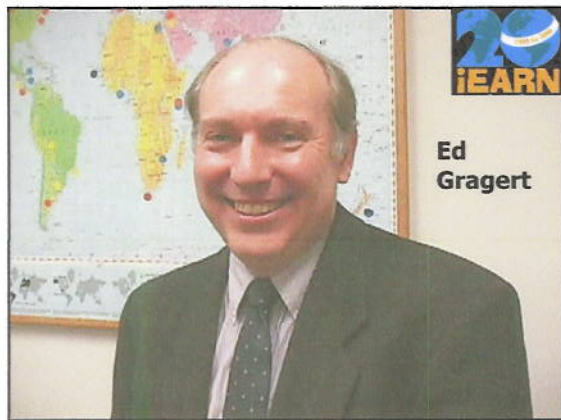
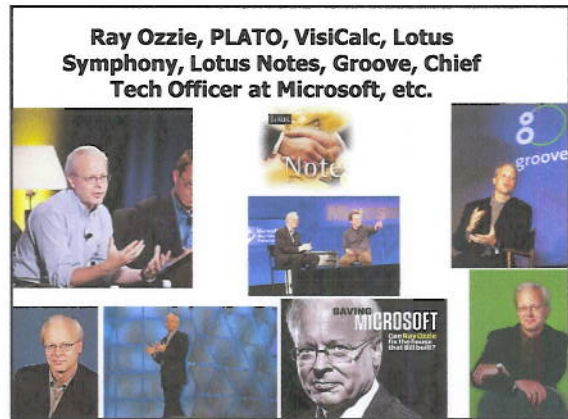
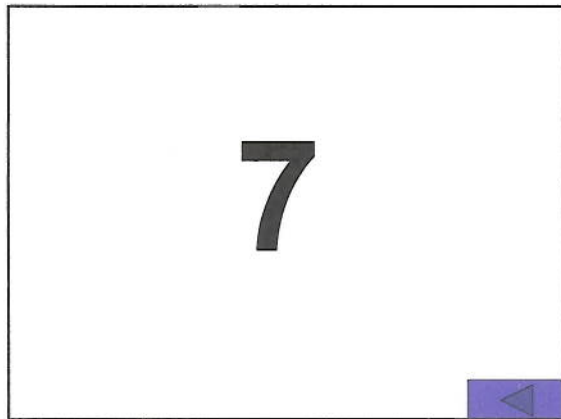


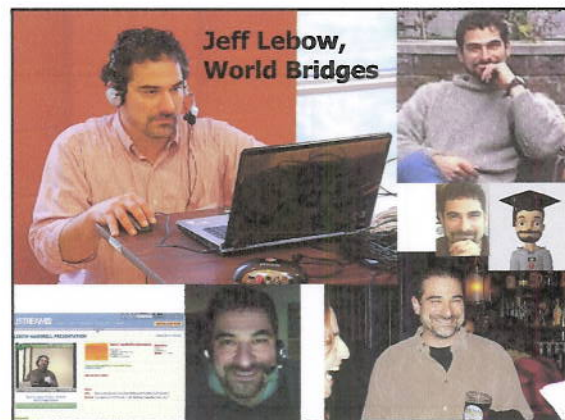
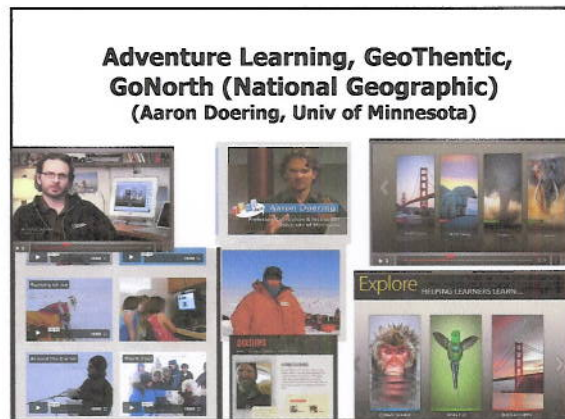
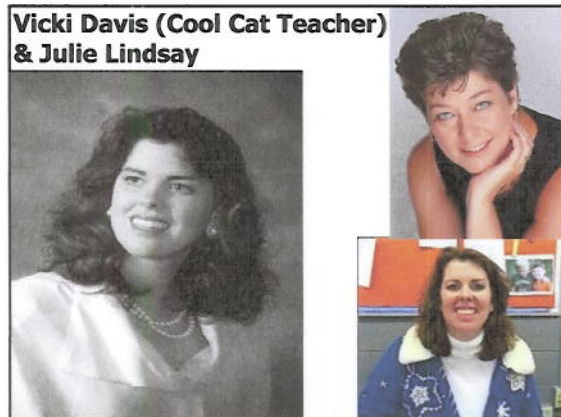




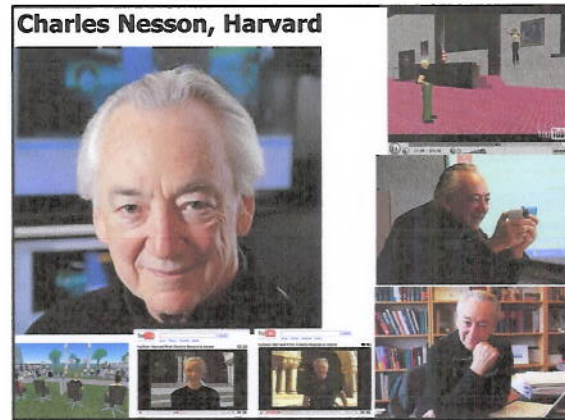
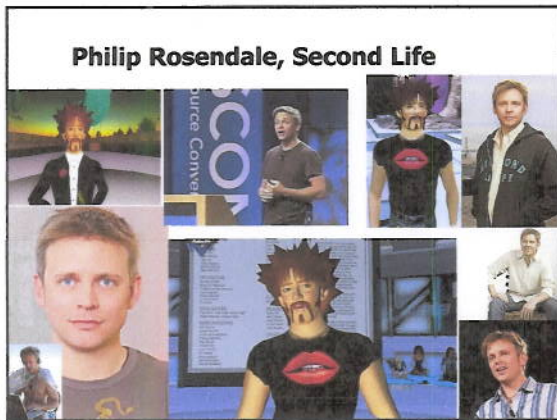
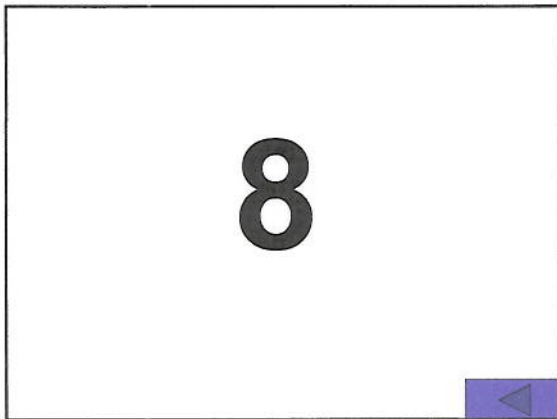






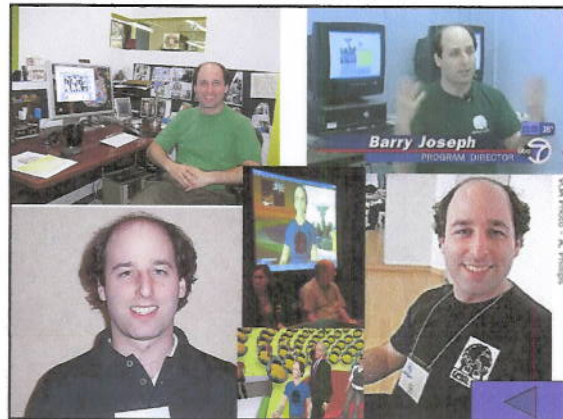




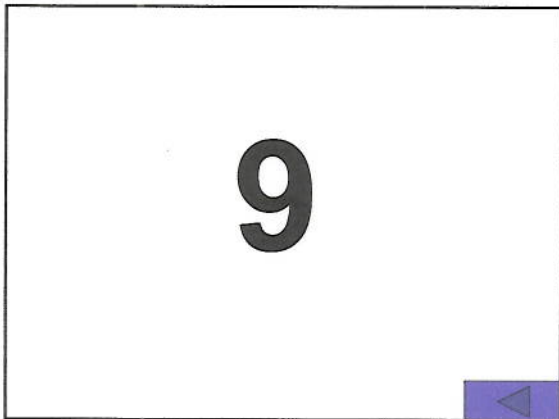




**Sarah Robbins, Intelligirl**



**Barry Joseph**  
PROGRAM DIRECTOR

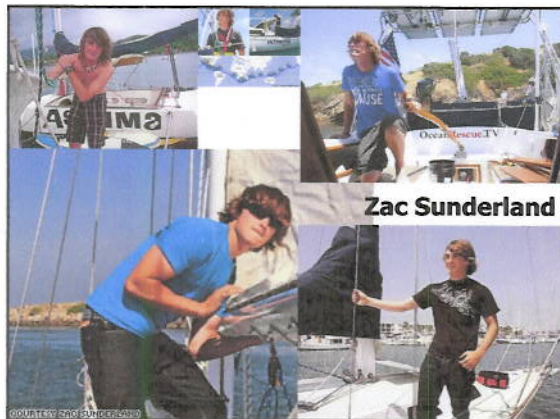


9

### Mobile Learning

(April 21, 2009, USA Today)

Stanford Professor Ge Wang plays the Ocarina, 99 cent application that turns iPhone into a flute; made nearly \$800,000. Now out is the sequel, the Leaf Trombone World Stage)

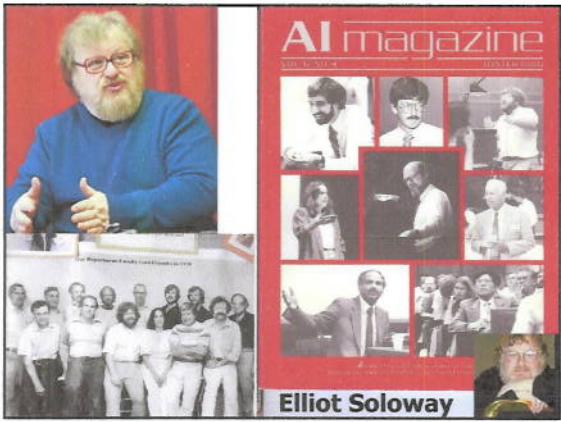
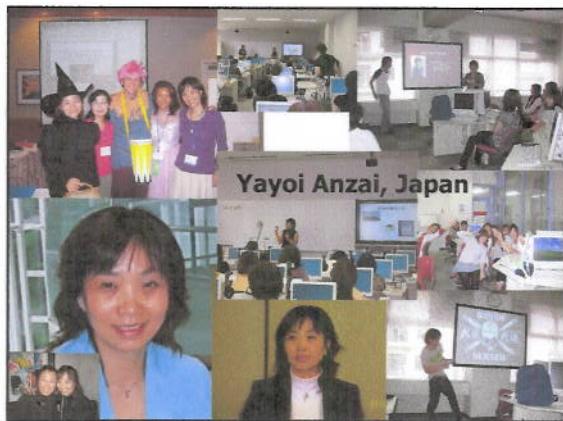
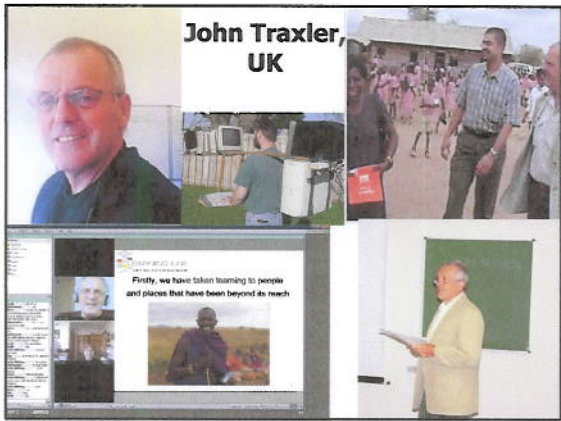


**Zac Sunderland**



**Michael Perham**

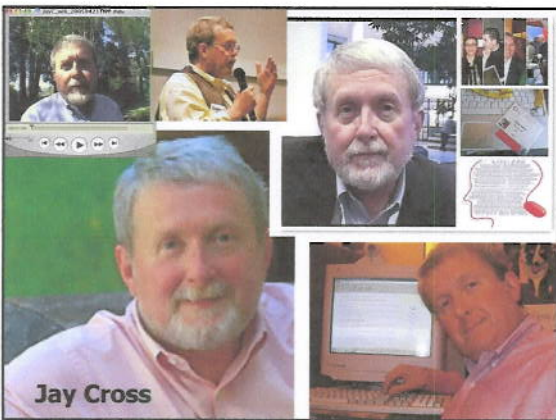
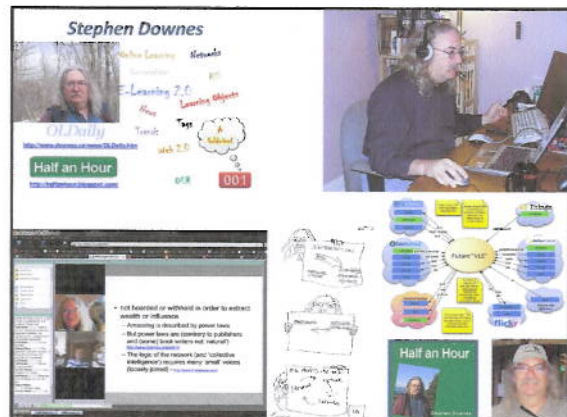




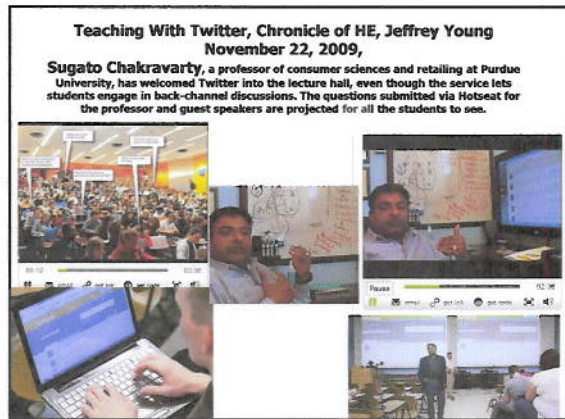
**'One Laptop Per Child' program collides with reality**  
**GEOFFREY YORK, Toronto Globe and Mail, Oct 15, 2009**  
**Bhutan, Khendum Gyabak (Univ. of Texas at El Paso)**

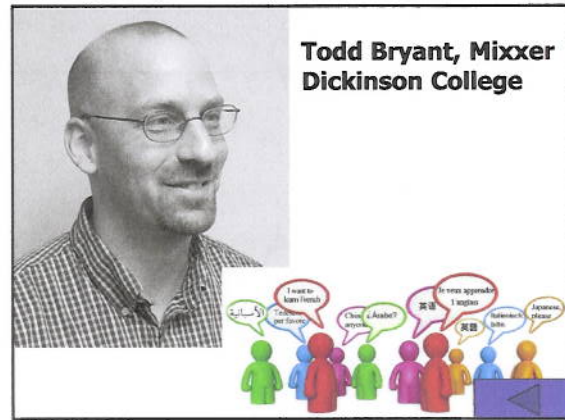
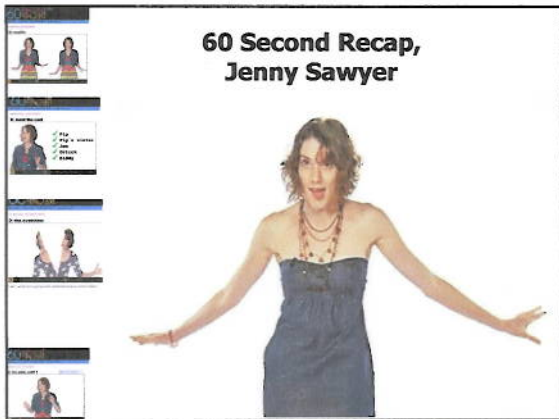


10













- 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!



**The next brilliant idea could come from anywhere!**



**Slides at: [TrainingShare.com](http://TrainingShare.com)**  
**Papers: [PublicationShare.com](http://PublicationShare.com)**  
**Book: <http://worldisopen.com/>**  
**The World is Open.**

