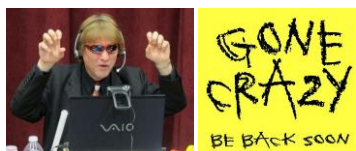


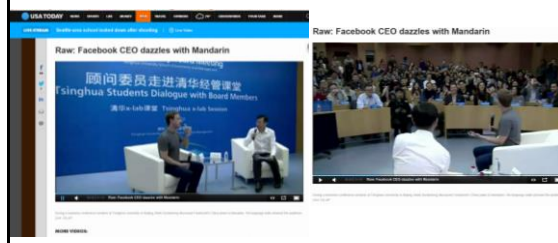
Learning is Changing: MOOCs, the Open World, and Beyond

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



October 24, 2014
Raw: Facebook CEO dazzles with Mandarin,
USA Today

<http://www.usatoday.com/videos/tech/2014/10/23/17766019/>



Audience Poll #1: Has learning technology has ever transformed your life?



Looking to the Past...



10 ed-tech tools of the 70s, 80s, and 90s

eSchool News, Meris Stansbury

<http://www.eschoolnews.com/2013/05/10/10-ed-tech-tools-of-the-70s-80s-and-90s/print/>

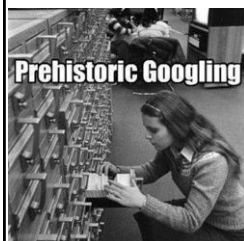


Fast Forward 25+ Years...

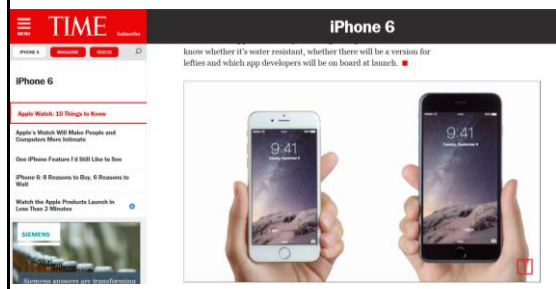
**"Anyone can now learn
anything from anyone at any
time."**



Part I. Learning is Changing New Technologies = New Delivery Methods...



September 9, 2014 I. Learning is More Technology-Based



II. Learning is More Mobile August 5, 2014

Timex enters smartwatch category. No phone needed, Edward C. Baig, USA Today,

<http://www.usatoday.com/story/tech/smartwatch/2014/08/05/timex-smartwatch-category-no-phone-needed/13597331/>



Audience Poll #2:

- I. Who remembers what they were doing on 911?
- II. Who remembers what they were doing on April 4, 2001?



Charles Vest (April 4, 2001)

<http://web.mit.edu/newsoffice/2001/ocw.html>

"This is about something bigger than MIT. I hope other universities will see us as educational leaders in this arena, and we very much hope that OpenCourseWare will draw other universities to do the same. We would be delighted if -- over time -- we have a world wide web of knowledge that raises the quality of learning -- and ultimately, the quality of life -- around the globe."



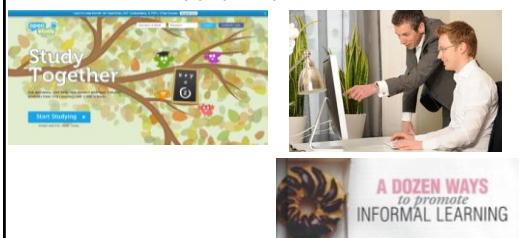
III. Learning is More Open (80-Year-Old WGU Texas Grad Keeps His Promise, November 30, 2012, Reeve Hamilton, Texas Tribune)



IV. Learning is More Informal October 13, 2013

A Dozen Ways To Promote Informal Learning
Chief Learning Officer, Saul Carliner

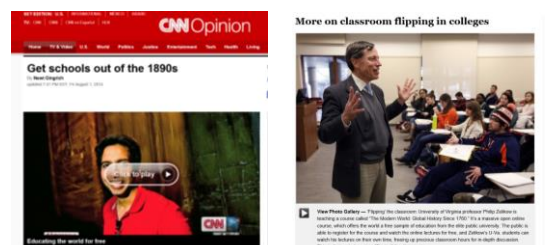
(e.g., Open Study: <http://openstudy.com/>)



V. Learning is More Flipped August 1, 2014

Get schools out of the 1890s, Newt Gingrich, CNN

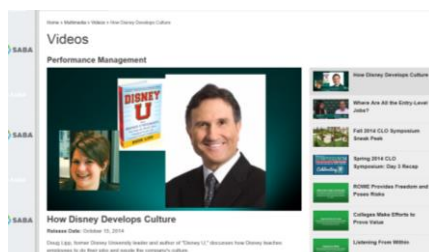
http://www.cnn.com/2014/08/01/opinion/gingrich-schools-blended-teaching-technology/index.html?hpt=hp_t3



VI. Learning is More Video-Based October 15, 2014

Videos: Performance Management

How Disney Develops Culture, Chief Learning Officer
Doug Lipp, former Disney University leader and author of "Disney U," discusses how Disney teaches employees to do their jobs and exude the company's culture.
<http://http://www.clomedia.com/media/videos/play/135>



VII. Learning is More Visual Video Walls of Experts (IQ Wall)



VIII. Learning is More Touch Sensed October 16, 2013

Corporate Classrooms: Adapting to Change
Chief Learning Officer, Frank Kalman

<http://www.clomedia.com/articles/corporate-classrooms-adapting-to-change>



IX. Learning is More Gesture-Based September 12, 2014

Intel Says Laptops and Tablets with 3-D Vision Are Coming Soon

Tom Simonite, MIT Technology Review



X. Learning is More Competency-Based July 31, 2014

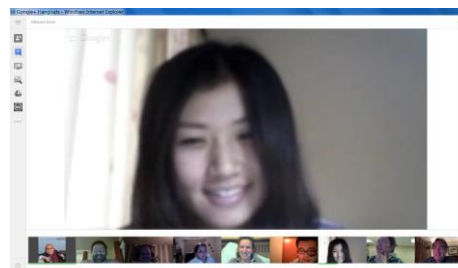
Hire Education: Mastery, Modularization, and the Workforce Revolution, Michelle R. Weise and Clayton M. Christensen, The Christensen Institute
<http://www.christenseninstitute.org/publications/hire/>



Nichele Pollock, a student in Northern Arizona U.'s competency-based bachelor's-degree program, takes a Spanish exam online.



XI. Learning also is More Collaborative May 16, 2014



XII. Learning is More Modifiable

Inside Look: Learning Spaces, Meeting classroom teaching and collaboration expectations, University Business, Feb. 22, 2013
<http://www.universitybusiness.com/article/inside-look-learning-spaces>



XIII. Learning is More Comfortable

Design for Students, with Students, "Hub Central", the \$42 million University of Adelaide learning hub opened in October 2011, May 8, 2012, Mike Roberts
<http://designbuildsource.com.au/design-for-students-with-students>



XIV. Learning is More Ubiquitous September 23, 2014

Elliott Masie's (i-Beacon; Bluetooth low energy proximity sensing)
<http://www.learning2014.com/index.php/learning-trends-and-challenges-webinar.html>

On September 23, 2014 Elliott Masie hosted a webinar discussing Learning Trends and Challenges in 2014. Below is the video from this dialogue.



XV. Learning is More Instantaneous April 9, 2013

HER Computer fashions face social test: Can wearable computers fit in? Scott Martin, USA Today
<http://www.usatoday.com/story/tech/2013/04/09/google-glasser-could-have-strong-potential-healthcare-use/2013-923-18>
(i.e., magnify moles or injuries, see vital signs, live stream surgeries, access previous PT sessions, access research and drug info, etc.)
<http://www.freesomobilehealthcare.com/story/google-glasser-could-have-strong-potential-healthcare-use/2013-923-18>



XVI. Learning is More On Demand May 5, 2014

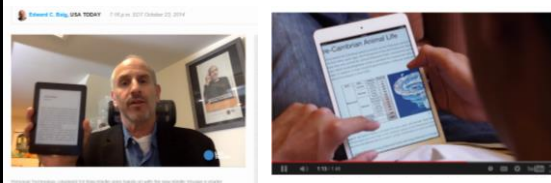
Mobile MOOCs: New platform challenges conventional MOOCs
eCampus News (<https://coursmos.com/>)



XVII. Learning is More Personal October 23, 2014

New Amazon Kindle is a Voyage into eReader luxury, USA
Today, Edward C. Baig

<http://thejournal.com/articles/2014/08/05/openstax-aims-to-bring-free-digital-textbooks-to-high-schools.aspx>
<http://www.sunnyday.com/blog/tech/columnists/Baig/2014/10/23/amazon-kindle-voyage-to-voyage-into-e-reader-luxury/1778125/>



XVIII. Learning is More Global August 1, 2014

Can You Really Teach a MOOC in a Refugee Camp?, Chronicle of Higher Education, Steve Kolowich

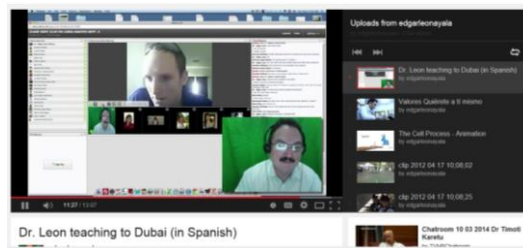
http://chronicle.com/blogs/wiredcampus/can-you-really-teach-a-mooc-in-a-refugee-camp/541917cid=atl&utm_source=atl&utm_medium=en



Two men living in Dadaab, a refugee camp in Kenya, would watch lecture videos and take online quizzes at a nearby United Nations compound. (InZone)

XIX. Learning is More Synchronous Dubai to Puerto Rico (Edgar Leon)

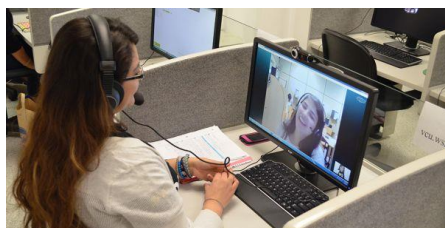
<https://www.youtube.com/watch?v=3mxw0YwTh2Y&list=UUCb0-jov3pEXd99kv-1w>



Online Language Learning May 5, 2014

Technology Provides Foreign-Language Immersion at a Distance,

Danya Perez-Hernandez, Chronicle of Higher Education,
http://chronicle.com/article/Technology-Provides-Foreign-Language-Immersion-at-a-Distance/546389?cid=atl&utm_source=atl&utm_medium=en



Web Conferencing & Mentoring (e.g., Jabber, iMeet)

December 2013



Let's Review: Learning is Changing...

(i.e., it's more informal, video-based,
ubiquitous, collaborative, self-directed,
global, mobile, open, massive, etc.)

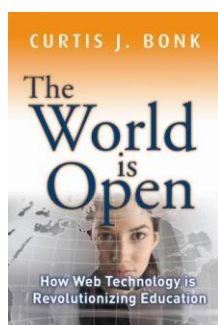
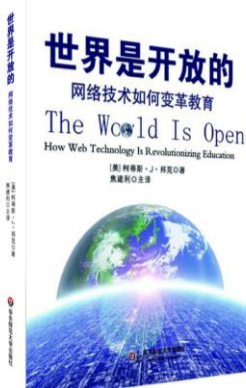
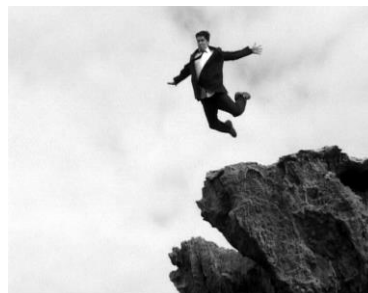


Frank Basile, an aircraft technician, took an MITx course on circuits and electronics to increase his knowledge.



Joe Alfonso, a financial adviser from Oregon, is taking the online finance course as a "refresher."

We are entering a jumping off point...



Charles Wedemeyer Quote:

"It should be immaterial whether one has learned at the front door or the back door of the Palace of Learning. **What one has learned**—not where, or how, in what sequence, at what institution, or in what period of time—is the only criterion of supreme importance."
(Charles Wedemeyer, 1981, p. 216)



December 13, 2013

Former MIT president Charles M. Vest dies at 72
As the Institute's leader from 1990 to 2004, he
sparked a period of dynamism.

Steve Braddt, MIT News Office

<http://web.mit.edu/newsoffice/2013/former-mit-president-charles-m-vest-dies-at-72-1213.html>



Any Questions?



Slides at: TrainingShare.com

Papers: PublicationShare.com

Book: <http://worldisopen.com/>

Email: curt@worldisopen.com

