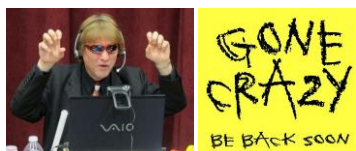


## Learning is Changing: MOOCs, the Open World, and Beyond

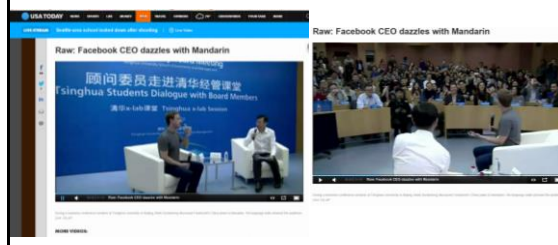
Curtis J. Bonk,  
Professor, Indiana University  
cjbbonk@indiana.edu  
<http://mypage.iu.edu/~cjbbonk/>



**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/>

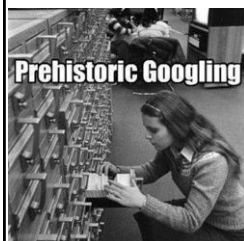


## Fast Forward 25+ Years...

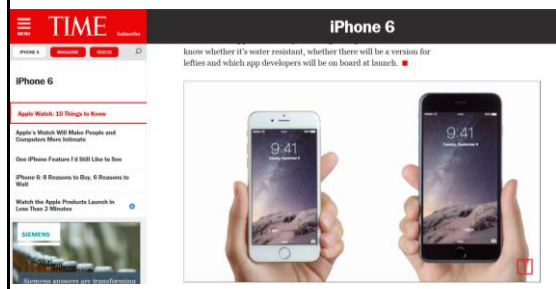
**"Anyone can now learn anything from anyone at any time."**



## 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/columnists/EdwardC.Baig/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."



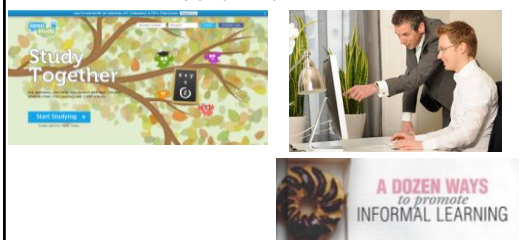
## III. Learning is More Open (80-Year-Old WGU Texas Grad Keeps His Promise, November 30, 2012, Reeve Hamilton, Texas Tribune)



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

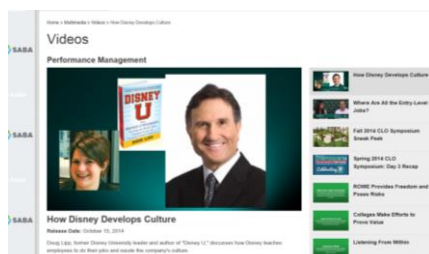


## VI. Learning is More Video-Based October 15, 2014

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

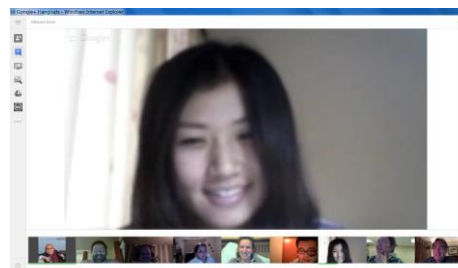
Hire Education: Mastery, Modularization, and the Workforce Revolution, Michelle R. Weise and Clayton M. Christensen, The Christensen Institute  
<http://www.christenseninstitute.org/publications/hire/>



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

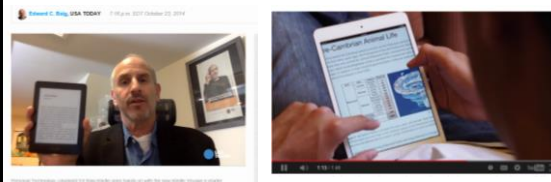
**Mobile MOOCs: New platform challenges conventional MOOCs**  
eCampus News (<https://coursmos.com/>)



## 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-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**

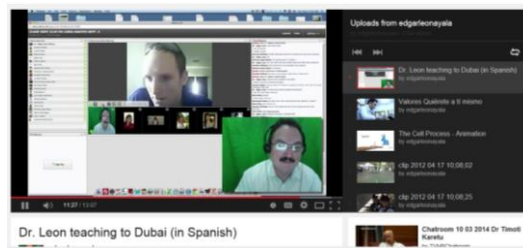
[http://chronicle.com/blogs/wiredcampus/can-you-really-teach-a-mooc-in-a-refugee-camp/541917cid=atl&utm\\_source=atl&utm\\_medium=en](http://chronicle.com/blogs/wiredcampus/can-you-really-teach-a-mooc-in-a-refugee-camp/541917cid=atl&utm_source=atl&utm_medium=en)



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>

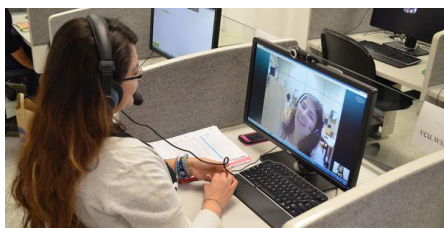


## Online Language Learning May 5, 2014

**Technology Provides Foreign-Language Immersion at a Distance,**

Danya Perez-Hernandez, Chronicle of Higher Education,

[http://chronicle.com/article/Technology-Provides-1363369/1cid=atl&utm\\_source=atl&utm\\_medium=en](http://chronicle.com/article/Technology-Provides-1363369/1cid=atl&utm_source=atl&utm_medium=en)

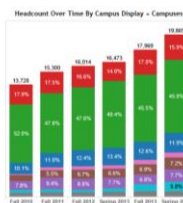


## Web Conferencing & Mentoring (e.g., Jabber, iMeet)

**December 2013**



## XX. Learning is More Online January 2014



**June 15, 2014**

## Starbucks offers workers 2 years of free college, CNN Money, Gregory Wallace (from Arizona State online programs)

[http://money.cnn.com/2014/06/15/news/economy/starbucks-schultz-education/index.html?hpt=hp\\_t2](http://money.cnn.com/2014/06/15/news/economy/starbucks-schultz-education/index.html?hpt=hp_t2)  
<http://www.nytimes.com/2014/06/16/us/starbucks-to-provide-free-college-education-to-thousands-of-workers.html>

### Starbucks offers workers 2 years of free college

By Gregory Wallace @gregorywallace June 15, 2014 9:13 PM ET



### Getting a College Degree. With Help From Starbucks



## XXI. Learning is More Self-Directed February 2013

### TED Talks

(Build a School in the Cloud; Self-Organized Learning Environments (SOLES), TED Talk from Sugata Mitra  
[http://www.ted.com/talks/sugata\\_mitra\\_build\\_a\\_school\\_in\\_the\\_cloud.html](http://www.ted.com/talks/sugata_mitra_build_a_school_in_the_cloud.html)



## XXII. Learning is More Social October 24, 2014

Facebook launches Rooms app for anonymous sharing of interests, USA Today, Jessica Guynn  
<http://www.usatoday.com/story/tech/2014/10/23/facebook-launches-anonymous-sharing-app-rooms/17769167/>



## XXIII. Learning is More Communal April 30, 2014

New Learning Hubs Locations Hosted by The New York Public Library and Seven Other Int'l Partners, Coursera Learning Hubs  
<https://www.coursera.org/about/programs/learningHubs>  
<http://blog.coursera.org/post/84322385012/new-learning-hubs-locations-hosted-by-the-new-york>



## XXIV. Learning is More Game-Based October 21, 2014

Sexy iPad Air 2 is fabulous but not a must upgrade, Edward Baig, USA Today  
<http://www.usatoday.com/story/tech/columnist/baig/2014/10/21/ipad-air-2-fabulous-but-not-a-must-upgrade/17658295/>





## Global Health Initiatives October 7, 2014

Online Mooc courses deliver Ebola health advice, BBC News, Sean Coughlan

<http://www.bbc.com/news/education-29521360>  
<http://www.advancelearning.com/why-wait-for-others-to-fight-ebola>



WHY WAIT FOR OTHERS TO FIGHT  
EBOLA?

Disinfecting a room in Monrovia, Liberia: Online courses are providing health advice to fight Ebola.

## Employee to Employee Training G2g (Googler to Googler) Training

Seven Ways to Corporate MOOC, Udemy blog, December 23, 2013, Shannon Hughes

<https://www.udemy.com/organizations/blog/2013/12/23/seven-ways-to-corporate-mooc/>

Classes range from management and public speaking, to parenting and mountain climbing.

HERE'S A GOOGLE PERK ANY COMPANY CAN IMITATE:  
EMPLOYEE-TO-EMPLOYEE LEARNING

GOOGLE IS THE ONLY COMPANY TO HAVE A COURSE FOR EVERY EMPLOYEE. HERE ARE THE TOP 10 MOST POPULAR COURSES OFFERED BY GOOGLE TO EMPLOYEES.



## Building Talent Pipeline

Master's Degree Is New Frontier of Study Online, August 17, 2013, The New York Times

By Tamar Lewin

<http://chronicle.com/article/MOOCs-May-Not-Be-So-Disruptive/140965/>  
<http://extensionengine.com/putting-moocs-to-work-rcap-infographic/#.VEx84o3wtjs>

REPORTER'S  
Master's Degree Is New Frontier of Study Online



1 BUILDING TALENT PIPELINES.

at&t  
The new digital forms of internet and formal learning profiles, however, there is an increasing need to better understand how people in different regions of the world are responding to these new forms of open educational resources (OERs). Educators, researchers, politicians, and countless others want to grasp what the outcomes of these initiatives are and how they can be improved. Current learning changes have caused institutions and organizations to grapple with issues of accreditation, maintaining quality standards, innovative assessment, and learner motivation and ability, among numerous other areas of concern.

7 WAYS THAT  
CORPORATIONS ARE  
USING MOOCS

## MOOCs and Open Education Around the World

<http://routledge-ny.com/books/details/9781138807419/>



MOOCs and  
Open Education  
AROUND THE WORLD



EDITED BY  
CURTIS J. BOWK, MIHAI N. LEE,  
THOMAS C. REEVES,  
& THOMAS H. REYNOLDS

## XXVIII. Learning is More Web-Based April 15, 2013

World will soon be "Webified"

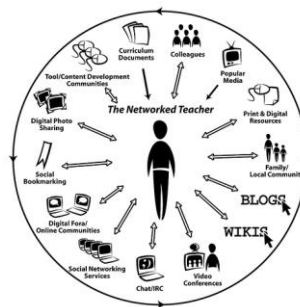
Google boss: Entire world will be online by 2020, Doug Gross, CNN

[http://www.cnn.com/2013/04/15/tech/web/eric-schmidt-internet/index.html?hp\\_hp\\_12](http://www.cnn.com/2013/04/15/tech/web/eric-schmidt-internet/index.html?hp_hp_12)

Google boss: Entire world will be online by 2020



## The Web of Learning





## Let's Review: Learning is Changing...

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

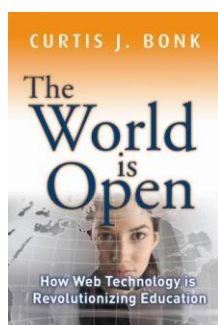
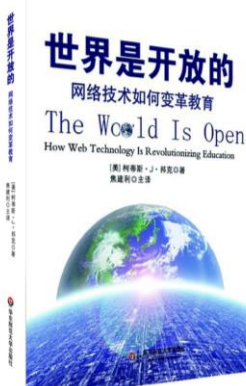


Frank Basile, an aircraft technician, took an MITx course on circuits and electronics to increase his knowledge.



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](http://TrainingShare.com)

Papers: [PublicationShare.com](http://PublicationShare.com)

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

Email: [curt@worldisopen.com](mailto:curt@worldisopen.com)

