

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

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



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



The Problem with Learning Technology

Karen Wilcox, November 7, 2014, Chronicle of Higher Education
https://chroniclevitae.com/news/792-the-problem-with-learning-technology?id=catutm_source=atutm_medium=en



Knowledge Navigator (1987) Apple Computer

<http://www.youtube.com/watch?v=hb4A2f5wEoc>



Poll #2: Read any good books lately? The Innovators:

How a group of hackers, geniuses, and geeks created the digital revolution. New York: Simon & Schuster.
Walter Isaacson (2014)

<http://books.simonschuster.com/The-Innovators/Walter-Isaacson/9781476708690>



Poll #3: Listen to the Radio Lately? November 14, 2014

School lessons by radio in Sierra Leone, Liberia, IRIN
(Humanitarian News and Analysis), MONROVIA/FREETOWN/DAKAR
<http://www.irinnews.org/report/100838/school-lessons-by-radio-in-sierra-leone-liberia>
<http://www.pce.uw.edu/about/Leadership/>



Fall 2014, On Wisconsin MOOC, Meet MORC (Massive Open Radio Course)

WHA, UW Madison, College of the Air, 1933,
Vocational Training dedicated to Agriculture,
and later Home Economics and Typing



MOOC, Meet MORC

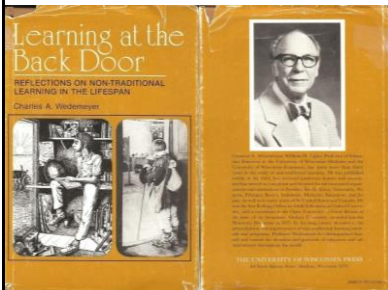
May 10, 2013

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/>



Took Correspondence & TV Courses (thanks to Bob Clasen and Charles Wedemeyer, the University of Wisconsin)



Life as an accountant/CPA in a high tech company in the 1980s...



Fast Forward 30 Years... "Anyone can now learn anything from anyone at any time."



Thirty Ways Learning is Changing...

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



Learning is Technology Based New Technologies = New Delivery Methods...



I. Learning is More Mobile (e.g., mobile courses on smartphone)



April 2, 2015

Review: Samsung rises to challenge with Galaxy S6 and S6 Edge, Edward Baig, USA Today

<http://www.usatoday.com/story/tech/columnist/baig/2015/03/31/samsung-rises-to-challenge-with-galaxy-s6-s6edge/70727752/>



April 9, 2015

I'll Buy the Apple Watch, Ed Baig, USA Today

<http://www.usatoday.com/story/tech/columnist/baig/2015/04/08/baig-buying-the-apple-watch/2543688/>

Baig: I'll buy the Apple Watch

Edward Baig, USA TODAY | 1:02 pm EDT April 8, 2015



USA TODAY Tech columnist Ed Baig has been wearing an Apple Watch for the past week. Here are his thoughts on Apple's most anticipated device to date. — Jason Allen



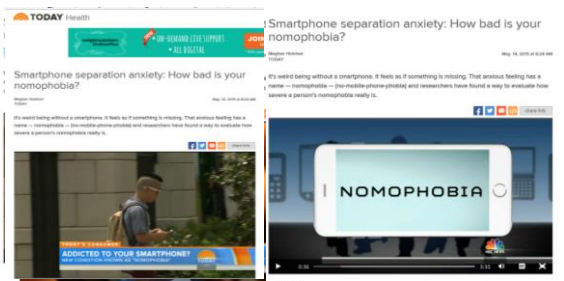
Wearable Teaching? College to Experiment With Apple Watch as Learning Tool



May 14, 2015

Smartphone separation anxiety: How bad is your nomophobia?, Today Health, Meghan Holohan

<http://www.today.com/health/smartphone-separation-anxiety-how-bad-is-your-nomophobia-1.20786>



Readers: Are we headed for a smartphone zombie apocalypse? CNN, Nicole Saidi, October 4, 2012

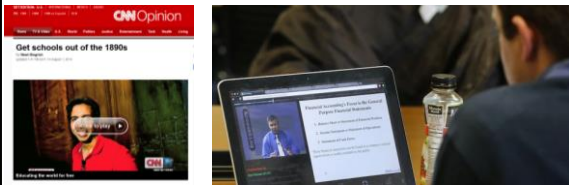
http://www.cnn.com/2012/10/03/tech/smartphone-zombie-apocalypse-comments/index.html?cid=article_slideshow



II. Learning is More Flipped

January 7, 2015

When a Flipped-Classroom Pioneer Hands Off His Video Lectures, This Is What Happens, Jeffrey R. Young, The Chronicle of Higher Education
<http://chronicle.com/article/When-a-Flipped-Classroom/151031/>



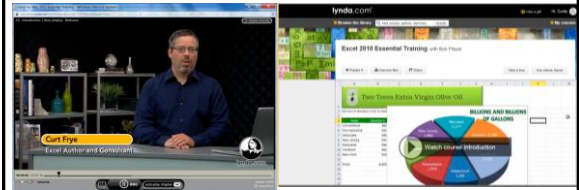
A student watches a video of Norman Nemrow's accounting class. Mr. Nemrow started the video lectures nearly 15 years ago at Brigham Young U. He is now retired, but students still watch him on the screen.

III. Learning is More Video-Based

February 15, 2015

Lynda.com Excel Training, IU

<http://www.lynda.com/Excel-tutorials/Excel-2010-Essential-Training/61219-2.html>



Learning is More Video-Based

Online Learning Polyglots



Timothy posts videos of himself speaking several languages on YouTube.

IV. Learning is More Visual

September 22, 2014

110 Foot Engagement,

Elliott Masie's Learning 2014

<http://www.learning2014.com/index.php/item/110-foot-screen-engagement.html>



V. Learning is More Touch Sensed

October 16, 2013

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

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

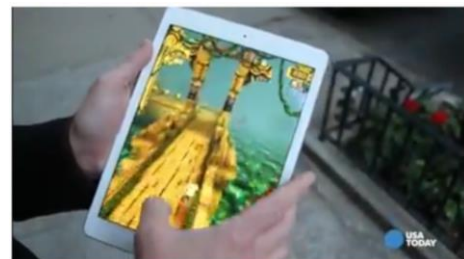


VI. Learning is More Game-Based

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-tablet-is-not-must-upgrade/17658295/>



VII. Learning is More Immersive

April 2, 2015

The Quest to Put More Reality in Virtual Reality,
Review: Samsung rises to challenge with Galaxy S6
and S6 Edge, Edward Baig, USA Today

<http://www.usatoday.com/story/tech/columnists/baig/2015/03/31/samsung-rises-to-challenge-with-galaxy-s6-s6-edge/70727752/>



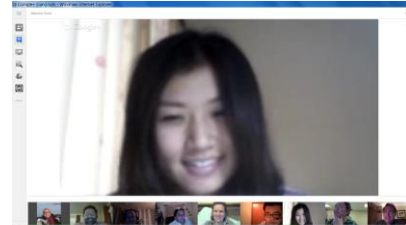
A technician uses virtual reality to test out new military hardware before it's ever put into production.

VIII. Learning also is More Collaborative

March 26, 2014

Flat Connections: Welcome to Flat Connections - Learning about the world, with the world
<http://www.flatconnections.com/>

Global Collaboration Projects that Go Way Beyond Skype

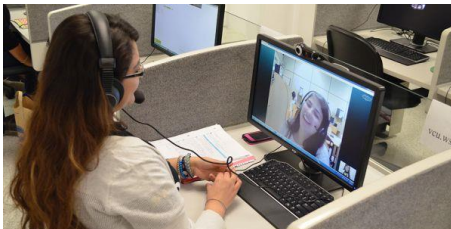


Online Language Learning

May 5, 2014

Technology Provides Foreign-Language Immersion at a Distance,

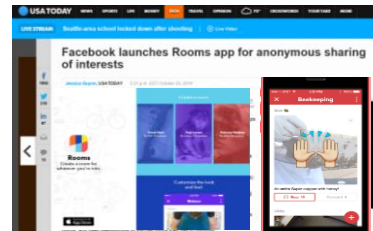
Danya Perez-Hernandez, Chronicle of Higher Education,
http://chronicle.com/article/Technology-Provides/146369/?id=at&utm_source=at&utm_medium=en



IX. 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-josh-rubins-social-mobile-app-creative-hubs/17799167/>



X. Learning is More Adventurous

Aaron Doering, Chasing Seals, TEDx

<http://chasingseals.com/>



XI. Learning is More Direct from Experts

February 2, 2015

Here Comes Professor Everybody: The 'sharing economy' meets higher education,

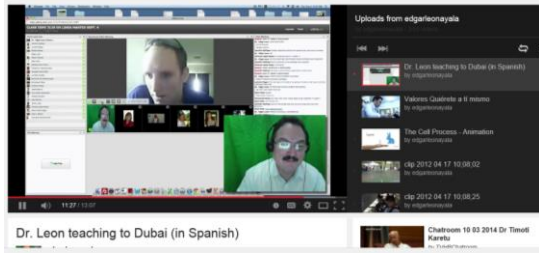
Chronicle of Higher Education, Jeffrey R. Young
<http://chronicle.com/article/Here-Comes-Professor-Everybody/151449/?id=at>



Kevin deLaplante, an associate professor at Iowa State U., makes an average of \$2,500 per month teaching from his home studio (above) on sites like Udemy.

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

<https://www.youtube.com/watch?v=Imxw0TwtY&list=UUCiHO-jw1pE69Skv-Jw>



May 28, 2015

World Bank Institute workshop on e-learning to finance people in Zhengzhou city, China



XIII. Learning is More Digital October 23, 2014

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

<http://www.usatoday.com/story/tech/gadgets/amazonkindle/2014/10/23/amazon-kindle-voyage-to-e-reader-luxury/1712122>



XIV. Learning is Resource Rich March 22, 2015

Madagascar marvel:

Divers find fossils of extinct giant lemurs

Daisy Carrington, for CNN, March 22, 2015

<http://www.cnn.com/2015/03/19/africa/underwater-fossil-lemur-graveyard-madagascar/index.html>



XV. Learning is More Informal October 13, 2013

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

<http://www.dailymedia.com/articles/a-dozen-ways-to-promote-informal-learning>



XVI. 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/>



College, on Your Own: Competency-based education can help motivated students. But critics say it's no panacea.
Dan Berrett, The Chronicle of Higher Ed, July 14, 2014
<http://chronicle.com/article/College-On-Your-Own/147659/>

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



XVII. Learning is More On Demand May 5, 2014

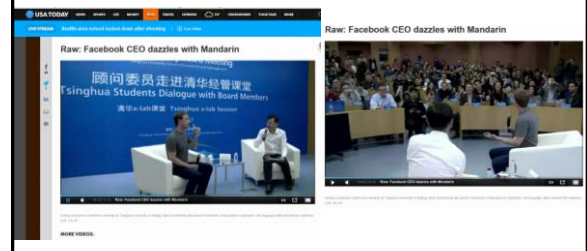
Mobile MOOCs: New platform challenges conventional MOOCs
eCampus News (<https://coursmos.com/>)
<http://www.elearningnews.com/blog/2014/05/05/new-platform-challenges-conventional-mooc-a-joint/>



October 24, 2014

Raw: Facebook CEO dazzles with Mandarin, USA Today

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



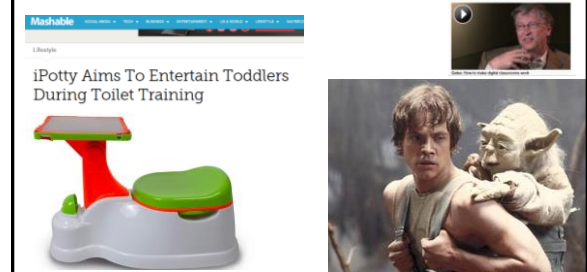
XVIII. Learning is More Hands-On February 2, 2015

Makey Makey and the Kano
<http://makeymakey.com/>
<https://vimeo.com/60307041>



XIX. Learning is More Personal

iPotty Aims To Entertain Toddlers During Toilet Training, Mashable, Kate Freeman (January 10, 2013)
<http://mashable.com/2013/01/10/ipotty/>



Learning is More Personal

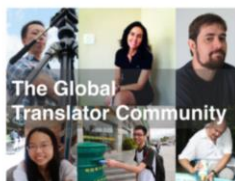
Localization and Translation of Open Content
Coursera, Global Translator Community, Chronicle of Higher Education
<https://www.coursera.org/about/translate>

Coursera Seeks to Create a 'Global Translator Community'

Bring a great education to the world.
Join the **Global Translator Community**.

The Global Translator Community (GTC) is a community of volunteers and partner organizations working to make great educational content accessible across geographic and linguistic boundaries. GTC participants work together to translate top courses on Coursera into their native languages.

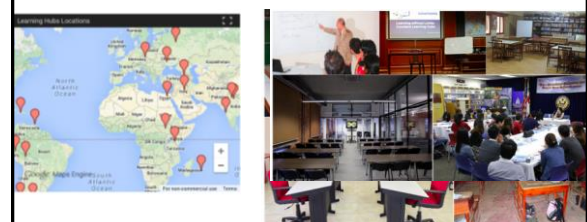
Join the GTC &
Meet our translators >



XX. Learning is More Communal April 30, 2014

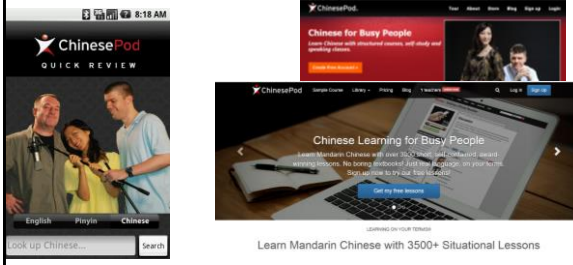
New Learning Hubs Locations Hosted by The New York Public Library and Seven Other Int'l Partners, Coursera Learning Hubs

<https://www.coursera.org/about/programs/learningHubs>
<http://blog.coursera.org/post/84322385012/new-learning-hubs-locations-hosted-by-the-new-york>



Online Language Learning

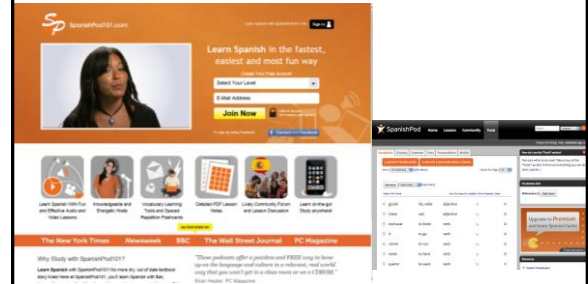
(e.g., 300,000 people per month listening to ChinesePod, co-hosted by Jenny Zhu, John Pasden)
<https://chinesepod.com/>



Online Language Learning

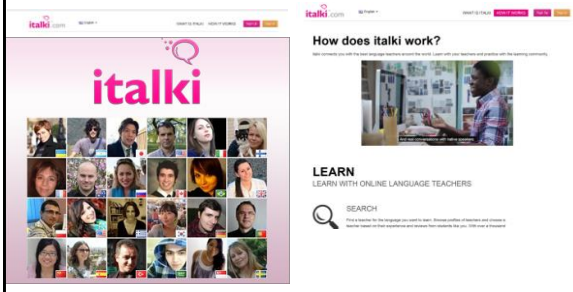
SpanishPod

<http://www.spanishpod101.com/>



The iTalki

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



February 5, 2015

XXI. Learning is More Online

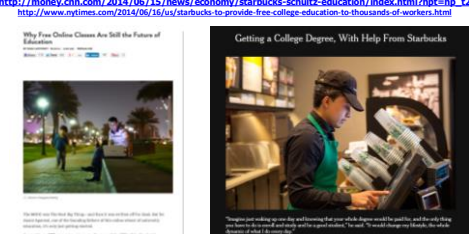
2014 Survey of Online Learning
 Grade Level: Tracking Online Education in the United States,
 2014, Online Learning Consortium (formerly Sloan-C), by I. Elaine Allen and Jeff Seaman
<http://www.onlinelearningconsortium.org/reports/gradelevel.pdf>
<http://edition.cnn.com/videos/business/2015/03/11/yale-offers-online-degree-2u-ceo-cnn>



Learning is More Online

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_12
<http://www.nytimes.com/2014/06/16/us/starbucks-to-provide-free-college-education-to-thousands-of-workers.html>



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

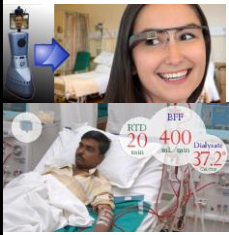
Elliott Masie's (i-Beacon; *Bluetooth low energy proximity sensing*)
<http://www.learning2014.com/index.php/learning-trends-and-challenges-webinar.html>

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-apple-wearth-glass-pokémon-sphere-research/197913/>
 (i.e., magnify moles or injuries, see vital signs, live stream surgeries, access previous PT sessions, access research and drug info, etc.)
<http://www.hercmobilehealthcare.com/story/google-glasses-could-have-strong-potential-healthcare-use/2013-03-18>



May 28, 2015 Something in the news.

Ancient jawbones put new species on the human family tree, researchers say, Laura Smith-Spark, CNN
<http://www.cnn.com/2015/05/28/africa/ethiopia-fossil-hominin-ancestor/index.html>



May 28, 2015 New species from Ethiopia further expands Middle Pliocene hominin diversity, Nature

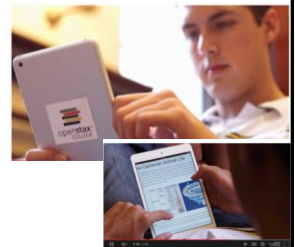
<http://www.cnn.com/2015/05/28/africa/ethiopia-fossil-hominin-ancestor/index.html>
<http://www.nature.com/nature/journal/v521/n7553/full/nature14448.html>



XVI. Learning is More Free August 5, 2014

OpenStax Aims To Bring Free Digital Textbooks to High Schools, David Nagel, THE Journal
<http://thejournal.com/articles/2014/08/05/openstax-aims-to-bring-free-digital-textbooks-to-high-schools.aspx>

New mobile app helps a Cambridge press offer free digital monographs even to those without computers



January 8, 2015

Obama Plan Would Help Many Go to Community College Free

JULIE HIRSCHFELD DAVIS and TAMAR LEWIN, The New York Times
http://www.nytimes.com/2015/01/09/us/politics/obama-proposes-free-community-college-education-for-some-students.html?_r=0



President Obama running onto the stage before delivering remarks at Central High School in Phoenix on Thursday. Credit Doug Mills/The New York Times

The V-PORTAL (Bonk, IU)

"Video Primers in an Online Repository for e-Teaching and Learning" V-PORTAL, TravelinEdMan (27 free/open YouTube videos)
<http://www.youtube.com/user/TravelinEdMan>



Want something FREE? Introducing the "TEC-VARIETY" book...(Framework #1)

<http://tec-variety.com/>



在线学习动机与激励: TEC-VARIETY 模型

——激励和留住在线学习者的 100 个活动

作者: Curtis J Bonk & Elaine Khoo IU

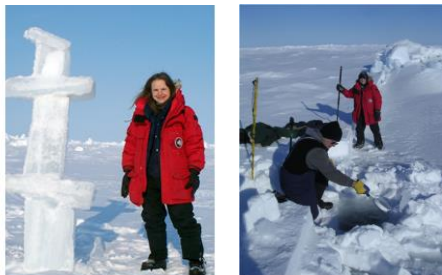
XXVII. Learning is More Self-Directed February 2013

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



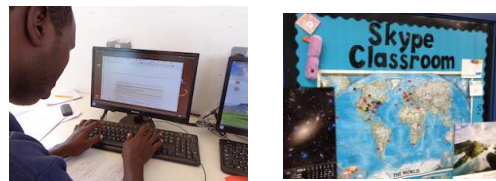
Learning is More Self-Directed iPod Learning from MIT OCW (e.g., Wendy Ermold, University of Washington)



XXVIII. Learning is More Global May 26, 2015

Exploring by the Seat of Our Pants
National Geographic, Jessica Shea

<http://blog.education.nationalgeographic.com/2015/05/26/exploring-by-the-seat-of-our-pants/>



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

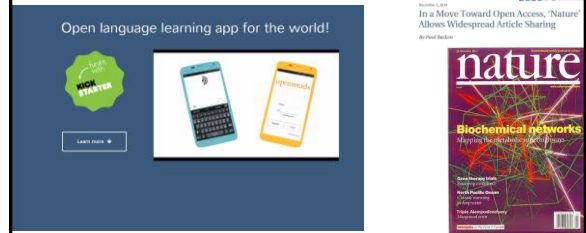
THE TEXAS TRIBUNE
An 80-Year-Old Graduate With an Online Marketing Degree Kept His Promise



XIX. Learning is More Open (December 2, 2014)

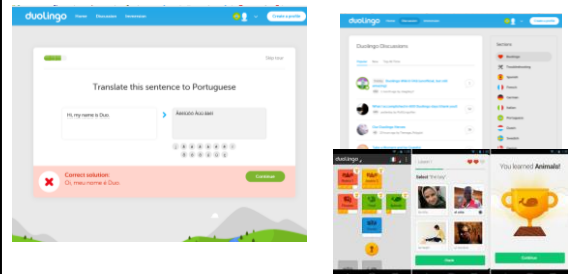
Nature, Openwords, etc.

<http://www.openwords.com/>
<https://www.facebook.com/Openwords>

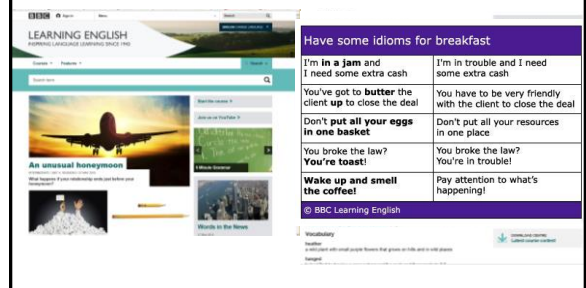


Online Language Learning DuoLingo

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



Online Language Learning BBC Learning English



Audience Poll #6:

- 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."



Translated Content

Learning from Localized OER and OCW
(e.g., Opensource Opencourseware Prototype System (OOPS), Lucifer Chu, Janitor of OOPS)

The Biggest OCW Localization Volunteer Group in the World



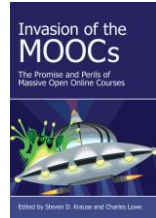
OOPS OOPS
Opensource Opencourseware Prototype System
開放式課程計劃
www.oops.tw
www.oops.org



XXX. Learning is More Massive

**Sample Course: Open Knowledge:
Changing the Global Course of Learning**
September 2, 2014 to December 12, 2014, Stanford

<https://class.stanford.edu/courses/Education/OpenKnowledge/Fall2014/about#>
Software (\$30): http://www.parforpress.com/invasion_of_the_mooocs
Free (PDF): http://www.parforpress.com/pdf/invasion_of_the_mooocs.pdf



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.

ALISON: A New World of Free Certified Learning Mike Feerick, CEO & Founder, ALISON



ALISON: A New World of Free Certified Learning Mike Feerick, CEO & Founder, ALISON



AMP: A Tool for Characterizing the Pedagogical Approaches of MOOCs Karen Swan, Scott Day, Leonard Bogle, and Traci van Prooyen University of Illinois Springfield

Figure 3. Ratings Metaphors

(objectivist)	1	2	3	4	5	(constructivist)
(teacher-centered)	1	2	3	4	5	(student-centered)
(convergent)	1	2	3	4	5	(divergent)
(less structure)	1	2	3	4	5	(more structure)
(concrete)	1	2	3	4	5	(abstract)
(infrequent, unclear)	1	2	3	4	5	(frequent, constructivist)
(unsupported)	1	2	3	4	5	(integrated)
(unfamiliar)	1	2	3	4	5	(multifaceted)
(artificial)	1	2	3	4	5	(authentic)
(passive)	1	2	3	4	5	(generative)

Udacity = _____
Coursera = _____
EdX = - - - - -

OER and MOOCs in Africa: The AVU Experience

Griff Richards and Bakary Diallo, African Virtual University
Nairobi, Kenya

It is estimated that only 6% of Africans can access post-secondary education. The development goal is set at 12% even though North America and Europe are somewhere around 45%. The gap is huge. This is not to say that African nations are not investing in post-secondary education. For example, Nigeria has been steadily building universities during the past couple of decades.



April 20, 2015

250 MOOCs and Counting: One Man's Educational Journey, Chronicle of Higher Education

<http://chronicle.com/article/250-MOOCsCounting-One/229397?cid=at>
If the MOOC movement has faded, nobody told Jima Ngei. Mr. Ngei, who lives in Port Harcourt, Nigeria, has completed and passed 250.



Jima Ngei: "I had this unrelenting fear that this miracle of free access might evaporate soon."

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 TRAINING

GOOGLE EMPLOYEES ARE OFFERING TO TEACH OTHERS HOW TO USE THE COMPANY'S TOOLS AND SERVICES. AND THEY'RE DOING IT IN A WAY THAT'S BENEFICIAL TO THE COMPANY.

By Shannon Hughes



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-recap-infographic/#_V6xR4o3etjs

Master's Degree Is New Frontier of Study Online



Dr. Gail, the dean of the College of Computing at the Georgia Institute of Technology, the institute plans to offer a master's degree in computer science through its open online courses, or MOOCs.

1 BUILDING TALENT PIPELINES.

atat
atat is a leading provider of talent pipeline solutions. We help organizations build a pipeline of talent that is ready to enter the workforce.

7 WAYS THAT
CORPORATIONS ARE
USING MOOCS

September 18, 2013 MIT Will Offer MOOC Curricula, Not Just Single Courses, on edX, Steve Kolowich, Chronicle of HE

<http://chronicle.com/blog/wiredcampus/mit-will-offer-mooc-curricula-not-just-single-courses-on-edx/66715>

MIT Will Offer MOOC Curricula, Not
Just Single Courses, on edX

September 18, 2013, 4:59 am

By Steve Kolowich

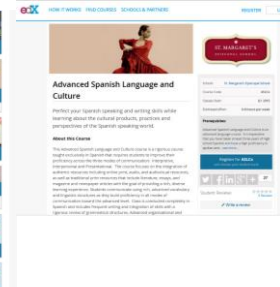
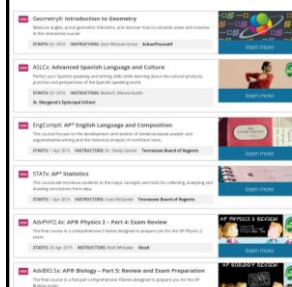
MOOC companies are hardly universities unto themselves, but now a provider wants to move beyond offering one-off courses.

MITx, a division of the Massachusetts Institute of Technology that offers courses on the nonprofit edX platform, announced on Tuesday that it would soon offer special certificates to students who completed a prescribed sequence of massive open online courses from MIT. The sequences will be called XSeries.



October 6, 2014 High School Initiative

<https://www.edx.org/high-school-initiative>
<http://www.eschoolnews.com/2014/10/06/high-school-moocs-833/print/>



September 16, 2013

Rwandan Degree Program Aims for a 'University in a Box', Chronicle of Higher Education, Megan O'Neil
<http://chronicle.com/article/Rwandan-Degree-Program-Aims/141631/>



Students attend an orientation session at Kepler, a new hybrid program in Kigali, Rwanda, which will use MOOCs and classroom time to help students earn competency-based associate degrees.

April 1, 2015

For a Better Flip, Try MOOCs
David Rath, Campus Technology
<http://campustechnology.com/articles/2015/04/01/for-a-better-flip-try-moocs.aspx>

For a Better Flip, Try MOOC

Innovative faculty are running MOOCs and flipped format on-campus courses on the same schedule and having the two groups interact online — with interesting results.

By David Rath | 04/01/15



Why MOOC OERs are "ultimate necessities" in higher education

By David Rath, Technology, Managing Editor: @david_rath
 Read more by David Rath, Managing Editor: @david_rath
 March 23rd, 2015

Researcher discusses 3 strategies to open up MOOC content.

Are MOOCs truly the open education innovation they were designed to be? That's the question one researcher says those in academia should be asking. Though MOOCs are based on ubiquity (suggesting an evolution of the Open 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."

May 17, 2015

So...Why Is The University Still Here?
TechCrunch, Danny Crichton
<http://techcrunch.com/2015/05/17/why-is-the-university-still-here/#.ccceiqnR1s>



Well...there are problems...!



May 2013

1. Dropout (i.e., retention) Concerns
MOOCs @ Edinburgh 2013– Report #1

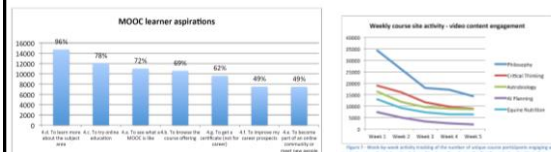


Figure 9: Combined exit survey responses to Q6 'What did you hope to get out of the course and did it meet your expectations?' – calculated as a sum of exceeded expectations, met expectations, and fell below expectations responses – with percentages shown of total exit survey respondents

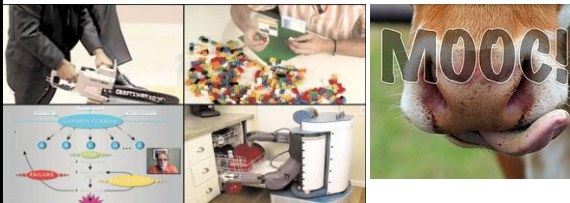
January 27, 2014
7. Complete Shutdown or Lock-out
Coursera Support Center, Why is my country blocked?
<http://support.coursera.org/question/why-is-my-country-blocked/>
Online education platform Coursera
blocks students in Syria and Iran, Wamba, Nina Curley



May 27, 2015
7. Some Learners are Silent
The Invisible Learners Taking MOOCs,
George Veletsianos, Inside Higher Ed
<https://www.insidehighered.com/blogs/higher-ed-beta/invisible-learners-taking-moocs>



November 2, 2012
The Year of the MOOC,
New York Times, Laura Pappano,
http://www.nytimes.com/2012/11/04/education/edlife/massive-open-online-courses-are-multiplying-at-a-rapid-pace.html?_r=1&ref=twtr



Clockwise, from top left: an online course in circuits and electronics with an M.I.T. professor (edX); statistics, Stanford (Udacity); machine learning, Stanford (Coursera); organic chemistry, University of Illinois, Urbana (Coursera).

June 19, 2013
2013 is "The Year of the Anti-MOOC"
George Siemens, UW-Madison Summit
<http://globalhigher.ed.wisc.edu/european-mooc-in-global-context/>



May 26, 2015
But Much is Happening in China!
Edtech and MOOC Times in China
Michael Trucano On Tue, 05/12/2015, EduTech
<https://blogs.worldbank.org/edutech/edtech-and-mooc-times-china>



Things are heating up!

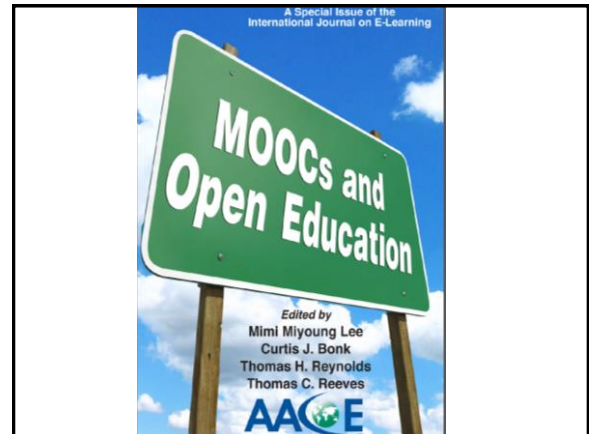
<http://routledge-ny.com/books/details/9781138807419/>



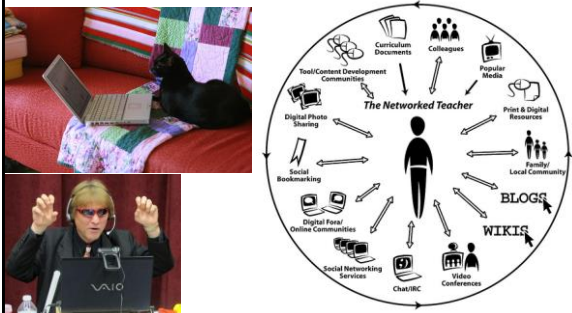
MOOCs and Open Education Around the Word
 By Bonk, Lee, Reeves, & Reynolds

MOOCs and Open Education Around the World

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



The Web of Learning



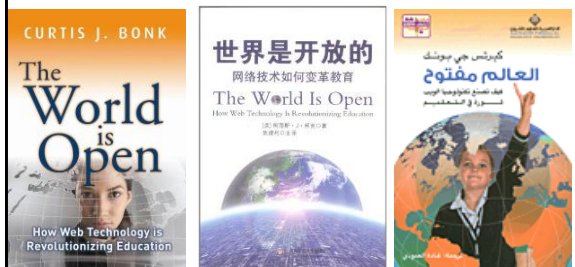
We are entering a jumping off point...



The World is Open for Learning!

Dr. Jiao Jianli, Professor of Educational Technology,
Director of Future Education Research Centre
Deputy Dean of School of Information Technology in Education,
South China Normal University

<http://jiao.blogbus.com/>



The World is very open!

(in Ho Chi Minh City, Vietnam, Wednesday
March 12th)



Jumping off or tilting sideways...?



The World is very open!

(In Chulalongkorn University Monday, March 10th)



Audience Participation!

WE

ALL

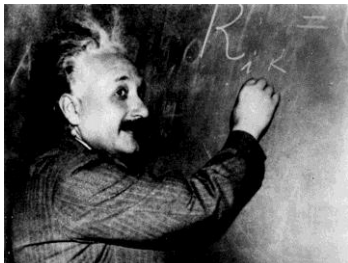
LEARN!!!



Mystery of MOOCs: Part III. 6 Types of MOOCs



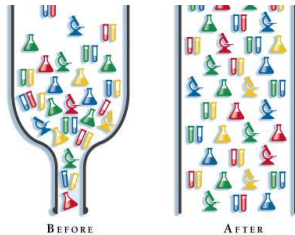
MOOC Type #1. Theory- or Trend-Driven MOOC



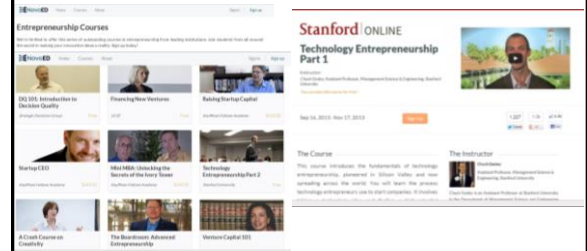
MOOC Type #2. Remedial Course MOOC



MOOC Type #3. Degree or Program Qualifier or System Bottleneck MOOC



MOOC Type #4. Professional Development (PD) (practical) MOOC



MOOC Type #5. Conference MOOC (stretch a conference)



MOOC Type #6. Rotating, Repeatable, and Reusable MOOC



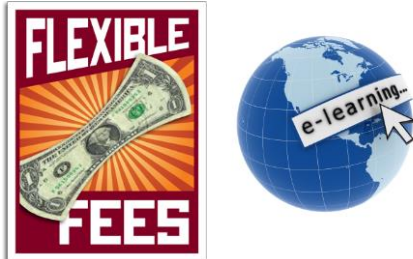
Mystery of MOOCs: Part IV. Ten MOOC Business Plans and Models



MOOC Business Model #1. Advertisers Underwrite Courses and Degrees



MOOC Business Model #2. Small and Flexible Application or Enrollment Fee



MOOC Business Model #3. Course Assessment Fee

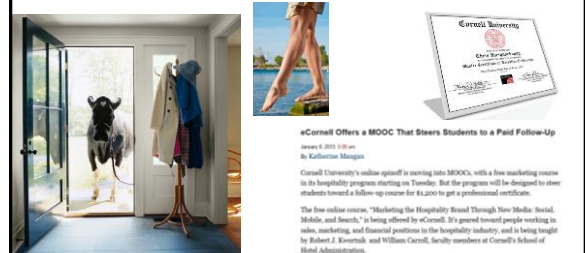


MOOC Business Model #4. Certificate Fee (with sticker)

<https://twitter.com/drchuck/status/262423228717355009/photo/1>



MOOC Business Model #5. Free Entryway Course



MOOC Business Model #6. Option for University Credit (full price)



MOOC Business Model #7. Company Sponsored



MOOC Business Model #8. Percent of First Year Salary Recruiting MOOC (companies pay for names and contact info of high performers)



MOOC Business Model #10. Charge Fee for Student Data

December 4, 2012

Providers of Free MOOC's Now Charge Employers for Access to Student Data

By Jeffrey R. Young



Providers of free online courses are officially in the headhunting business, bringing in revenue by selling to employers information about high-performing students who might be a good fit for open jobs.

On Tuesday, Coursera, which works with high-profile colleges to provide massive open online courses, or MOOCs, announced its employee-matching service, called Coursera Career

Mystery of MOOCs: Part V. Ten MOOC Instructor Guidelines



MOOC Instructor Guide #1. Plan and Prepare

October 12, 2012

Radical rethink: how to design university courses in the online age, Paul, Wappett, The Conversation, Australia

<http://www.conversation.edu.au/wordpress/wp-content/uploads/2012/10/How-to-design-university-courses-in-the-online-age-97327>

THE CONVERSATION

TRADITIONAL STUDY MODEL - LINEAR



ONLINE STUDY MODEL - DYNAMIC



MOOC Guide #2. Designate Feedback Providers and Tasks (especially in Week One)



MOOC Guide #3. Use Peer, Machine, Volunteer, and Self-Assessment



MOOC Guide #4. Address Participants by Geographic Region



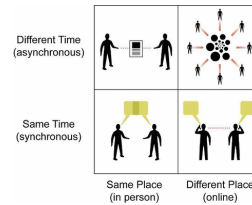
MOOC Guide #5. Personalize Where Possible Chuck Severance (U Michigan/Coursera) in Barcelona, Seoul, Manila, Melbourne, etc. <http://www.youtube.com/watch?v=3zNHvmSv8TI>



MOOC Guide #6. Form Groups and Social Supports



MOOC Guide #7. Combine Sync and Async Instruction



MOOC Guide #8. Arrive Early for Sync Session



MOOC Guide #9. Share Resources and Recap them Weekly



