

Living in Tech City: 50+ Technology Trends and Innovations Transforming Workplace Learning, Education, and Our Lives

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<http://mypage.iu.edu/~cjbbonk/>



"The log-on degree"
March 14, 2015
The Economist

Audience Poll #1:

Has learning technology ever transformed your life?

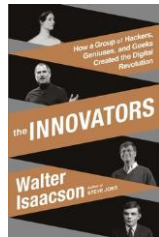


The Innovators:

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

Walter Isaacson (2014)

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



Poll #2: Remember Education 1.0

1728: 1st correspondence course advertised Boston
(learn shorthand from Caleb Phillips thru weekly mailed lessons)

The First University Correspondence Course
(University of London, External Program, 1858)

1728-1990s – Generally postal system based

1930s – phonograph and radio

1950s and 1960s – television

1970s and 1980s – VHS tapes

1980s and 1990s – DVD



The Problem with Learning Technology

Karen Wilcox, November 7, 2014, Chronicle of Higher Education

https://chroniclevitae.com/news/792-the-problem-with-learning-technology?cid=cat&utm_source=cat&utm_medium=en



August 3, 2015

Long-Distance Networking

Chronicle of Higher Education, Melanie Nelson

https://chroniclevitae.com/news/1087-long-distance-networking?cid=cat&utm_source=cat&utm_medium=en



Image: Telephone Switchboard Operators, circa 1914 (via Flickr CC user Royce Blair)

May 20, 2015

Tech Woes at Small Colleges: If it's broken, and it probably is, then adapt, Chronicle of Higher Education, Jon Nichols
http://chronicle.com/article/Tech-Woes-at-Small-Colleges/238245/2cid=at&utm_source=at&utm_medium=en



Mimeograph machine, Wikimedia Commons

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/>



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



Poll #2: Remember what was to be education 2.0?



Fast Forward 30+ Years...

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

SKILLSHARE LEARN TEACH

Learn anything from anyone, anywhere.



Join and filter learning and discover unique classes in your city.

Poll #3: Any Visions of Education 3.0? Knowledge Navigator (1987)

Apple Computer

<http://www.youtube.com/watch?v=hbA2F6wEoc>



Thirty Ways Learning is Changing...

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



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



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

Ed Baig, USA TODAY



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.



April 27, 2015 by Jeffrey R. Young

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>

Smartphone separation anxiety: How bad is your nomophobia?

May 14, 2015 at 10:00 AM

It's weird being without a smartphone. It feels as if something is missing. That anxious feeling has a name — nomophobia — the mobile phone phobia — and researchers have found a way to evaluate how severe a person's nomophobia really is.



Smartphone separation anxiety: How bad is your nomophobia?

May 14, 2015 at 10:00 AM

It's weird being without a smartphone. It feels as if something is missing. That anxious feeling has a name — nomophobia — the mobile phone phobia — and researchers have found a way to evaluate how severe a person's nomophobia really is.



March 2, 2015

Beware the smartphone zombies blindly wandering around Hong Kong, Mark Sharp, South China Morning Post

<http://www.scmp.com/lifestyle/technology/article/1725001/smartphone-zombies-are-putting-your-life-and-theirs-danger>

Beware the smartphone zombies blindly wandering around Hong Kong

Mark Sharp

South China Morning Post

PHOTO: GETTY IMAGES

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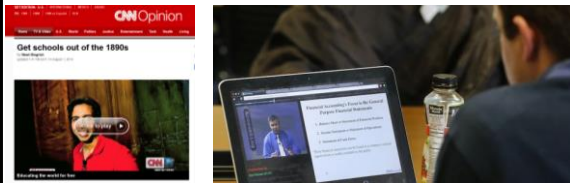
PHOTO: GETTY IMAGES

PHOTO: GETTY IMAGES

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/131031/>

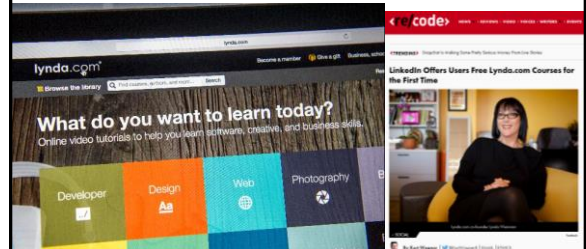


A student watches a video of Norman Nemrow's accounting class. Mr. Nemrow started the video lectures nearly 15 years ago at Brigham Young U. He is now retired, but students still watch him on the screen.

III. Learning is More Video-Based June 16, 2015

Lynda.com Excel Training, IU
Acquired for \$1.5 Billion, April 23, 2015

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



August 5, 2015 Shubham Jaglan Overwhelmed by "Dream" Return Home After Double World Championship Disha Chopra, NDTV Sports

<http://sports.ndtv.com/golf/news/246551-shubham-jaglan-overwhelmed-by-dream-return-home-after-double-world-championship>

<http://www.ndtv.com/video/player/news/india-a-golf-prodigy-shubham-jaglan-returns-home-to-hero-a-welcome/377614>



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

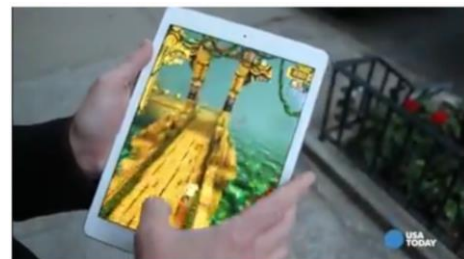
<http://www.clomedia.com/articles/corporate-classrooms-adapting-to-change>



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-but-not-must-upgrade/1758295/>



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-1982-to-challenge-with-galaxy-s6-s6edge/70727752/>



Review: Samsung rises to challenge with Galaxy S6 and S6 Edge



NextVR crewmembers set up their virtual reality cameras at an NBA game, allowing viewers of the live event to see the game from a variety of positions in the arena.

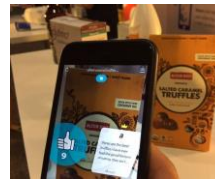
July 23, 2015

Meet Osterhout and its \$2,700 AR glasses

June 10, 2015

Augmented reality promises 'superpowers',
and people are listening
The USA Today, Marco della Cava

<http://www.usatoday.com/story/tech/2015/07/23/meet-osterhout-and-the-2700-ar-glasses/35627961/>
<http://www.usatoday.com/story/tech/2015/06/10/tech-rises-superpowers-augmented-reality/3374493/>



Letsee is an AR app from a South Korean consumer to scan a product and see a reviews instantly overlaid on top.



April 19, 2015

Mini's Augmented Vision concept puts
navigation, safety in your glasses, CNET,
Wayne Cunningham and Shara Tibken

<http://www.cnet.com/news/mini-augmented-vision-concept-puts-navigation-safety-in-your-glasses/>
<http://blogs.cnet.com/technology/2015/04/19/mini-augmented-vision-concept-puts-navigation-safety-in-your-glasses/>

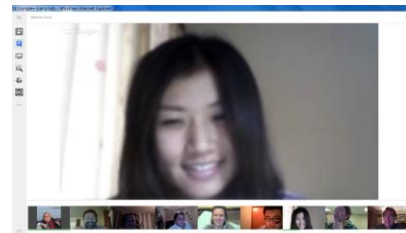


VIII. Learning also is More Collaborative

March 26, 2014

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

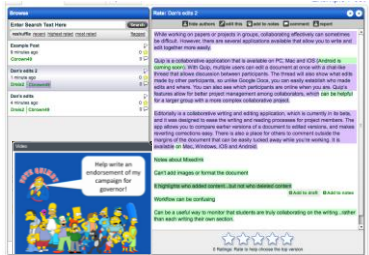
Global Collaboration Projects that Go Way Beyond Skype



October 7, 2013

6 collaborative writing applications for group
projects or papers, Casey Brown, Elon University

<http://blogs.elon.edu/technology/6-collaborative-writing-applications-for-group-projects-or-papers/>
MeetingWords, Google Docs, NowComment, MixedInk
(http://www.mixedink.com/#/_how_it_works)

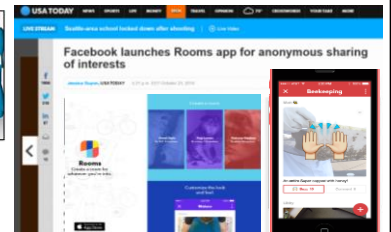


IX. Learning is More Social

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-anonymous-sharing-app-creative-labs/17789167/>



X. Learning is More Adventurous

May 7, 2015

Aaron Doering, Chasing Seals, TEDx

<http://chasingseals.com/>

<https://twitter.com/chasingseals>



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

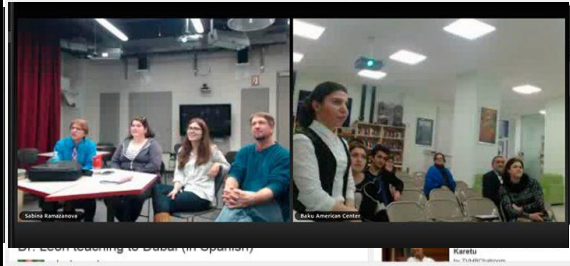
<http://chronicle.com/article/Here-Comes-Professor-Everybody/151445/2cid=at>



XII. Learning is More Synchronous

May 28, 2015

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

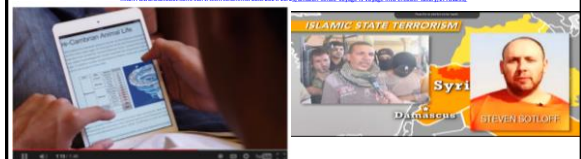


XIII. Learning is More Immediate (and Digital)

January 28, 2015

Discovery Education Techbook

<http://www.discoveryeducation.com/what-we-offer/techbook-digital-textbooks/index.cfm>



XIV. Learning is Resource Rich

March 22, 2015

Madagascar marvel:

Divers find fossils of extinct giant lemurs

Daisy Carrington, for CNN, March 22, 2015

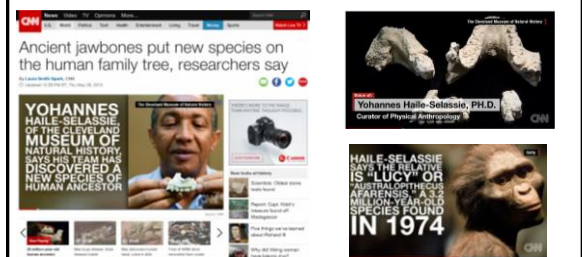
<http://www.cnn.com/2015/03/19/africa/underwater-fossil-lemur-graveyard-madagascar/index.html>



May 28, 2015 (Immediate, Digital, and Resource Rich)

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>

**XV. Learning is More Informal**
June 29, 2015**Is Facebook the next frontier for online learning?**

Christine Greenhow; greenhow@msu.edu, Andy Henion
<http://msutoday.msu.edu/news/2015/is-facebook-the-next-frontier-for-online-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/1479559/7cid=at>

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.ecampusnews.com/blog-news/new-platform-challenges-conventional-moocs/print>

**XVIII. Learning is More Hands-On**
February 2, 2015**Makey Makey and the Kano**

<http://makeymakey.com/>
<https://vimeo.com/60307041>

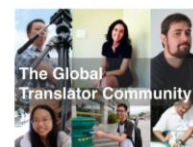
**XIX. Learning is More Personal****Localization and Translation of Open Content**

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

Coursera Seeks to Create a 'Global Translator Community'

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

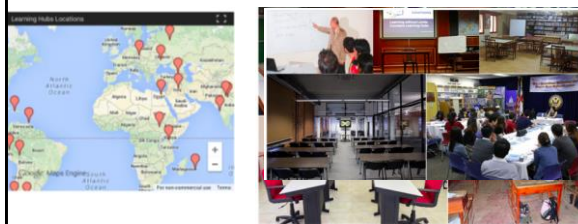
The Global Translator Community (GTC) is a community of volunteers and partner organizations working to make great educational content accessible across GTC is now on go.



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

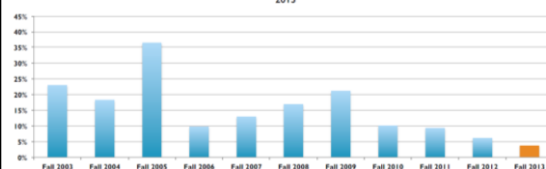
<https://www.coursera.org/about/programs/learningHubs>
<http://blog.coursera.org/post/84322385012/new-learning-hubs-locations-hosted-by-the-new-york>



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.com/reports/gradelevel.pdf>
<http://edition.cnn.com/videos/business/2015/03/11/wbt-yale-offers-online-degree-2u-ceo.cnn>

GROWTH RATE OF NUMBER OF STUDENTS TAKING AT LEAST ONE ONLINE/DISTANCE COURSE - 2003 TO 2013



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>



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/her-computer-fashions-face-social-test/277916/>
 (i.e., magnify moles or injuries, see vital signs, live stream surgeries, access previous PT sessions, access research and drug info, etc.)
<http://www.fiercomobilehealthcare.com/story/google-glasses-could-have-strong-potential-healthcare-use/2013-03-28/>



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



Screen capture: books can now be read on almost any mobile phone



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/2015/01/08/us/politics/obamas-proposal-free-community-college-education-for-some-students.html?_r=2



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

Want something FREE? Introducing the "TEC-VARIETY" book...

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



What motivates?

1. **Tone/Climate:** Psychological Safety, Comfort, Sense of Belonging
2. **Encouragement:** Feedback, Responsiveness, Praise, Supports
3. **Curiosity:** Surprise, Intrigue, Unknowns
4. **Variety:** Novelty, Fun, Fantasy
5. **Autonomy:** Choice, Control, Flexibility, Opportunities
6. **Relevance:** Meaningful, Authentic, Interesting
7. **Interactivity:** Collaborative, Team-Based, Community
8. **Engagement:** Effort, Involvement, Investment
9. **Tension:** Challenge, Dissonance, Controversy
10. **Yielding Products:** Goal Driven, Purposeful Vision, Ownership

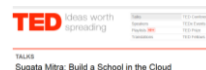
The V-PORTAL (Bonk, IU) "Video Primers in an Online Repository for e-Teaching and Learning" V-PORTAL, TravelinEdMan (27 free/open YouTube videos) <http://www.youtube.com/user/TravelinEdMan>



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



July 27, 2015 Mature Minds Want To Know

Karie Willyerd, CLO

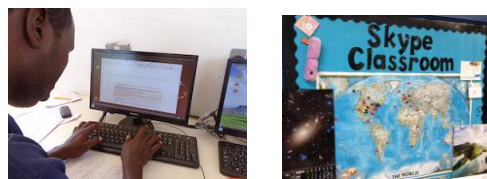
<http://www.clomedia.com/articles/6392-older-folks-need-learning-too>



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/>

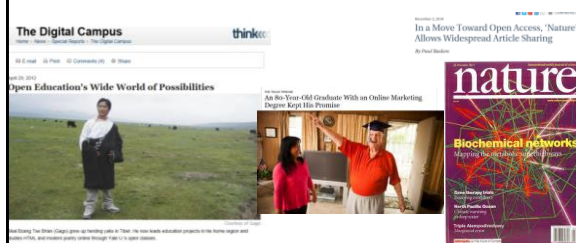


Two men living in Dadaab, a refugee camp in Kenya, would watch lecture videos and take online quizzes at a nearby United Nations compound. (InZone)

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

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

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



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#>
Softcover (\$30): http://www.parlorpress.com/invasion_of_the_moocs
Free (PDF): http://www.parlorpress.com/pdf/invasion_of_the_moocs.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.advancelarning.com/why-wait-for-others-to-fight-ebola>



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



WHY WAIT FOR OTHERS TO FIGHT EBOLA?

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."

May 26, 2015**Edtech and MOOC Times in China**

Michael Trucano On Tue, 05/12/2015, EduTech

<https://blogs.worldbank.org/edutech/edtech-and-mooc-times-china>**Edtech and MOOC Times in China**

SUBMITTED BY MICHAEL TRUCANO ON TUE, 05/12/2015

**June 26, 2015****In China, Where Everything is a MOOC, Education Week, Justin Reich, HarvardX Research Fellow**http://blogs.edweek.org/edweek/edtechresearcher/2015/05/in_china_where_everything_is_a_mooc.html?z=284738497

The most memorable line from my recent visit to China was this: "We have 12 million K-12 teachers in China who need to receive this particular in-service training, so we started with a group of about 200,000."

**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."

Things are heating up!<http://routledge-ny.com/books/details/9781138807419/>

MOOCs and Open Education Around the Word

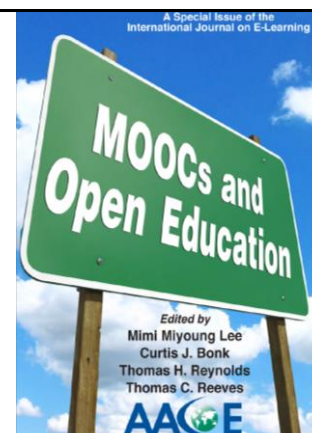
By Bonk, Lee, Reeves, & Reynolds

MOOCs and Open Education Around the World<http://routledge-ny.com/books/details/9781138807419/>

MOOCs and Open Education
AROUND THE WORLD



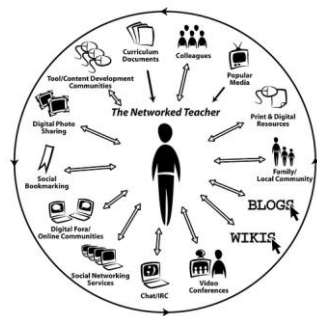
EDITED BY
CURTIS J. BONK, MIMI H. LEE,
THOMAS C. REEVES
& THOMAS H. REYNOLDS



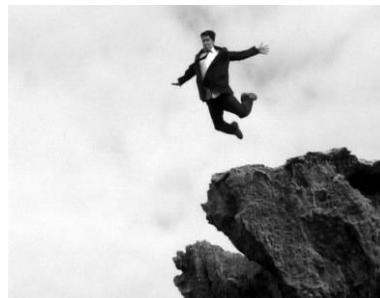
Edited by
MIMI MIYOUNG LEE
CURTIS J. BONK
THOMAS H. REYNOLDS
THOMAS C. REEVES

AAE

The Web of Learning



We are entering a jumping off point...



August 4, 2015 How Nanodegrees Are Disrupting Higher Education John Waters, Campus Technology

<http://campustechnology.com/articles/2015/08/05/how-nanodegrees-are-disrupting-higher-education.aspx>

How Nanodegrees Are Disrupting Higher Education

By John K. Waters 08/05/15



We are entering a jumping off point...

(South University of Science and Technology of China, Wednesday June 10, 2015)



The World is very open! (South University of Science and Technology of China, Wednesday June 10, 2015)



Framework: 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)



The World is Wide Open!

(South University of Science and Technology of China, Wednesday June 10, 2015)



Audience Participation!

WE

ALL

LEARN!!!



Audience Poll #4: Are we going crazy yet?



20 More Technologies of Today...

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

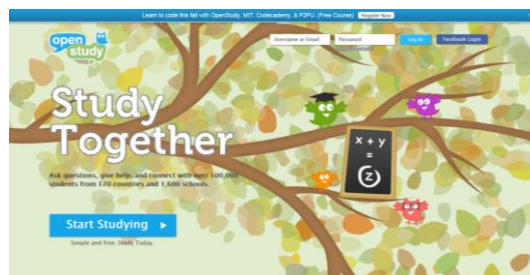


Tech #31. Virtual Expeditions July 23, 2015

What Google's virtual field trips look like in the classroom, eSchool News, Stephen Noonoo
<https://www.google.com/edu/expeditions/>
<https://www.youtube.com/watch?v=m1f1d2eA9w4>



Tech #32. Online Study Groups (e.g., Open Study: <http://openstudy.com/>)



Tech #33. Online Language Learning (e.g., OpenLanguage)

<http://openlanguage.com/lessons/278/learn-chinese/hot-pot-chitchat>
(Jenny Zhu and John)

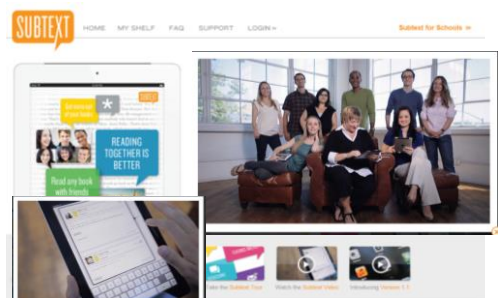


Tech #34.

Mobile Apps for the other training and resources



Tech #35. Social Books (e.g., Subtext; <http://subtext.com/>)



Tech #36.

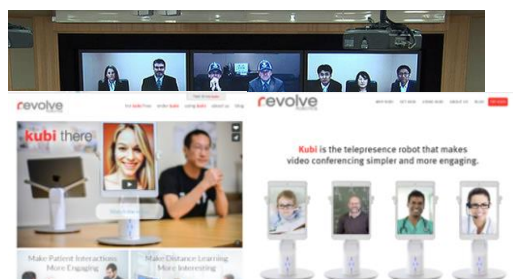
Multi-Participant Web Conferencing (Zoom, Adobe Connect, Jabber, iMeet, GoToMeeting)

<https://www.youtube.com/watch?v=JPsnxom1y9M>
<https://www.youtube.com/watch?v=fgbpwZNW3oI> (join a meeting)
<https://zoom.us/>



Tech #37. Videoconferencing and Telepresence Robot Technology (e.g., Revolve, Kubi)

<https://revolverobotics.com/>



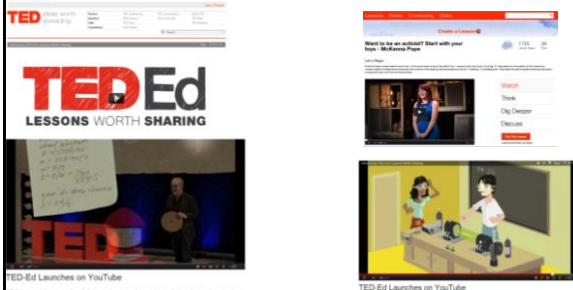
Tech #38.

Goals Setting Tools (e.g., I Done This, Milestone Planner, and 43 Things)



Tech #39. Shared Online Video Tests and Quizzes (e.g., TED-Ed)

<http://education.ted.com/>



Tech #40.

Video Editing and Commenting Tools (e.g., TubeChop)

How Does It Work?



1. Find the video you want to chop.
2. Select & cut interesting part of the video.
3. Share it with friends.

Watch Examples

Tech #41. Screencasts and Tutorials (Jing, GoView, Screenr)

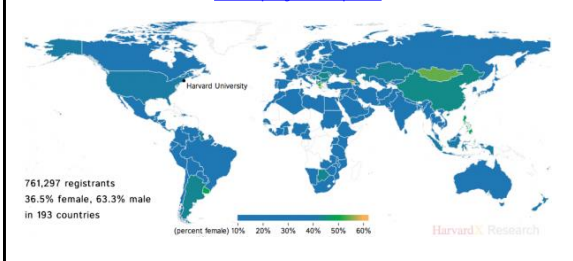


Tech #42. Online Testing (Quizlet; <http://quizlet.com/>)



Tech #43. Big Data Visualization Tools (Harvardx and MITx)

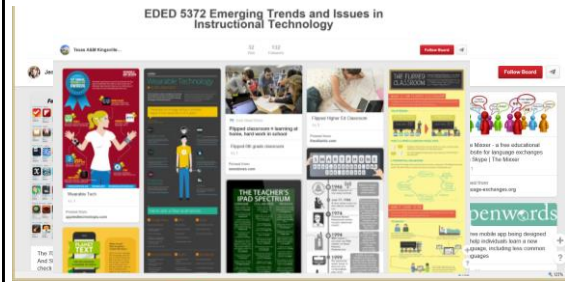
<http://harvardx.harvard.edu/harvardx-insights>
4. World map of gender composition



Tech #44. Wikis and Collaborative Technology (negotiate meanings) (PiratePad, MeetingWords, PBWorks, Wikispaces)

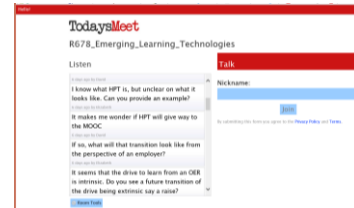


Design Article Database in Pinterest, Jenny Webeck
<https://www.pinterest.com/jennifertwebeck/emerging-learning-technologies>



Tech #46. Backchannel Chat (TodaysMeet)

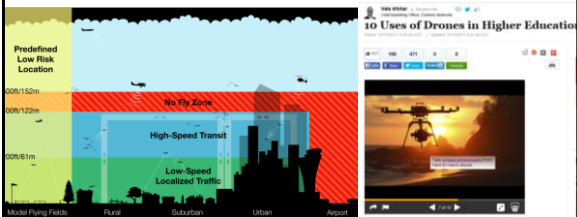
<https://todaysmeet.com/>
R678_Emerging_Learning_Technologies
https://todaysmeet.com/R678_Emerging_Learning_Technologies



Tech #47. Drones

July 28, 2015

Highway As It Readies For Flying Package Delivery, Forbes, Ryan Mac



Frank Wang Tao leads the world's largest consumer drone company in DJI, which is currently raising money at a \$10 billion valuation. (Photo: David Hartung For Forbes)

Tech #48. Interactive News and Science Globes, January 7, 2013, Digital

Globes Offer a Dynamic Vision, NY Times, Mark Vanhoenacker
http://www.nytimes.com/2013/01/08/science/digital-globes-a-new-way-to-view-the-world.html?nl=todaysheadlines&emc=edit_th_20130108&r=0



Tech #49.

Mobile Health (bio sensors)
7 new smartphone features that will help define your future
February 23, 2014, Stewart Wolpin, CNN
http://www.cnn.com/2014/02/23/business/future-smartphone-mobile-world-congress/index.html?hpt=hp_t3



Tech #50. Wearable Vibes

July 15, 2015

A high-tech high: Wearable gives you good vibes, USA Today, John Shinal
<http://www.usatoday.com/story/tech/columnist/shinal/2015/07/14/dync-biole-culture/2927482/>



Ok, how do you now view the instructor in the Open World of Education 3.0?



From Instructor as Credit Manager



Instructor as Curator and Concierge



Any Questions or Comments?



Slides at: TrainingShare.com

Papers: PublicationShare.com

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

Email: curt@worldisopen.com

