

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

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 cjbonk@indiana.edu
<http://mypage.iu.edu/~cjbonk/>



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

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



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=at&utm_source=at&utm_medium=en



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/230245/?cid=at&utm_source=at&utm_medium=en



Mimeograph machine, Wikimedia Commons

The Personal Computer Era...



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/>



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/9781475708690>



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

Poll #2: 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/>



Poll #3: Turn on the TV Lately?

November 14, 2014 (2:25)

Why online ed disrupts the traditional model,

Fareed Zakaria GPS, CNN, On GPS, Stuart Butler & Anant Agarwal explain why students are drawn to
online higher education: tuition debt & exciting new technologies

<http://www.cnn.com/video/data/2.0/video/bestoftv/2014/11/15/exp-gps-moocs-sot.cnn.html>



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



Knowledge Navigator (1987) Apple Computer

<http://www.youtube.com/watch?v=hb4AaF6wEoc>



Fast Forward 25+ Years...

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

SKILLSHARE LEARN TEACH

Learn anything from anyone, anywhere.



Join us! Start learning and discover unique classes in your city.

Thirty Ways Learning is Changing...

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

Two Cheers for Web 2.0!



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/edbaig/2015/03/31/samsung-rises-to-challenge-with-galaxy-s6-s6edge/79727752/>

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



Edward Baig
Personal tech columnist, USA TODAY

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/25436885/>

Baig: I'll buy the Apple Watch 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-your-nomophobia-120786>

Smartphone separation anxiety: How bad is your nomophobia?

It's weird being without a smartphone. It feels as if something is missing. That anxious feeling has a name — nomophobia — (no-mobile phone phobia) and researchers have found a way to evaluate how severe a person's nomophobia really is.

It's weird being without a smartphone. It feels as if something is missing. That anxious feeling has a name — nomophobia — (no-mobile phone phobia) and researchers have found a way to evaluate how severe a person's nomophobia really is.

ADDICTED TO YOUR SMARTPHONE?

NOMOPHOBIA

Readers: Are we headed for a smartphone zombie apocalypse?, CNN, Nicole Saidi, October 4, 2012
http://www.cnn.com/2012/10/02/tech/smartphone-zombie-apocalypse-comments/index.html?cid=slide_sidebar

Readers: Are we headed for a smartphone zombie apocalypse?

By Nicole Saidi

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-Pioneer-Hands-Off-His-Video-Lectures/125183/>

Get schools out of the 1990s

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>

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>

October 6, 2014
Stanford U Display Wall Takes Visualization to a Higher Level,
 Dian Schaffhauser, Campus Technology

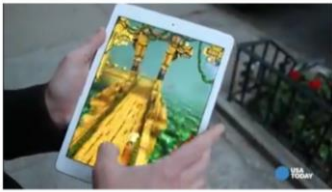


V. Learning is More Touch Sensored
October 16, 2013
 Corporate Classrooms: Adapting to Change
 Chief Learning Officer, Frank Kalman
<http://www.cio.com/2013/10/16/corporate-classrooms-adapting-to-change>



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/1758229/>

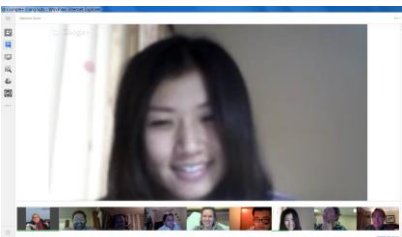
Sexy iPad Air 2 is fabulous but not a must upgrade



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/columnist/baig/2015/03/31/samsung-rises-to-challenge-with-galaxy-s6-s6edge/17072752/>



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



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/11778147/>



X. Learning is More Adventurous
Aaron Doering, Chasing Seals, TEDx
<http://chasingseals.com/>



Speaking for Change and Humanity
 From the video: Aaron Doering is one of the few in his industry, industry, and American who have...
 (Note: The caption text is partially obscured and difficult to read fully.)

XI. Learning is More Direct from Experts
February 2, 2015

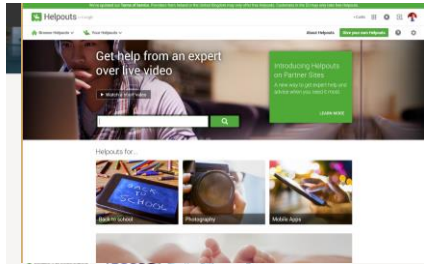
Here Comes Professor Everybody: The 'sharing economy' meets higher education,
 Chronicle of Higher Education, Jeffrey R. Young
<http://chronicle.com/article/Here-Comes-Professor-Everybody/151445/2cid=at>



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.

January 22, 2015
Noodle

When Can I Skip Taking the GRE or GMAT?
<https://www.noodle.com/articles/when-can-i-skip-taking-the-gre-or-gmat>
<https://www.noodle.com/>



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

https://www.youtube.com/watch?v=Imxw0YwTh2Y&list=UJChO-jvvlPEKd9Skv_jw



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/columnist/baig/2014/10/23/amazon-kindle-voyage-into-e-reader-luxury/7731252/>



XIV. Learning is Resource Rich
January 28, 2015

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



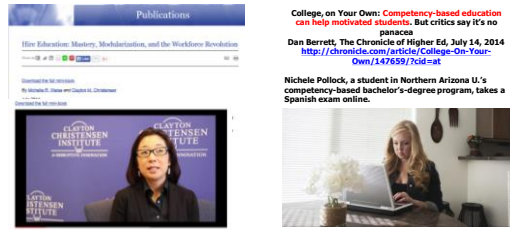
XV. Learning is More Informal October 13, 2013

A Dozen Ways To Promote Informal Learning
Chief Learning Officer, Saul Carliner
<http://www.clomedia.com/articles/a-dozen-ways-to-promote-informal-learning>



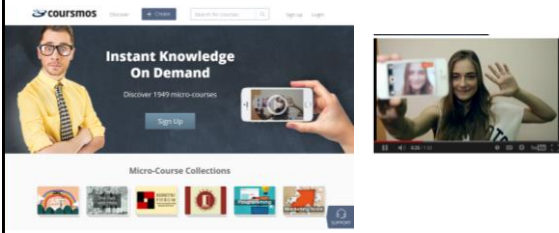
XVI. Learning is More Competency-Based July 31, 2014

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



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/>

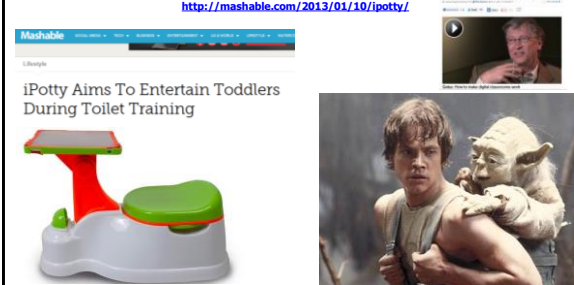


XVIII. Learning is More Hands-On February 2, 2015

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



XIX. Learning is More Personal 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>

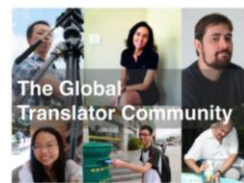
Coursera Seeks to Create a 'Global Translator Community'

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

[Sign Up](#)

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.

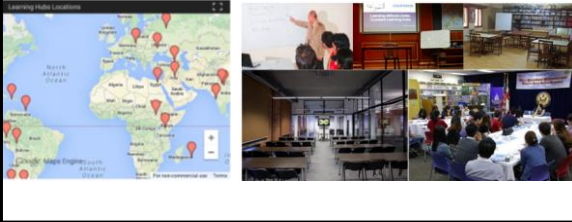
[Join the GTC](#)
[Meet our translators](#)



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

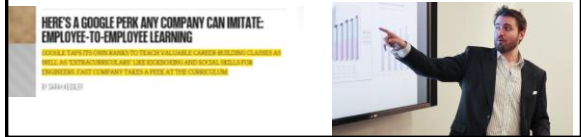
<https://www.coursera.org/about/programs/learningHubs>
<http://blog.coursera.org/post/84322385012/new-learning-hubs-locations-hosted-by-the-new-york>



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.



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>



Learning is More Online January 10, 2014

The New-School Virtual Leader
Chief Learning Officer, Sharat Sharan

Hotel chain Marriott created a leadership program with a goal to provide training to 733 hotels in 23 countries.
 Certified 5,000 managers trained; and 10,000 more given big picture training
<http://www.dlmoda.com/articles/the-new-school-virtual-leader>



January 23, 2015 Gates Newsletter

http://www.gatesnotes.com/2015-annual-letter?page=0&lang=en&WT.mc_id=G1_21_2015_AL2015-86_PPFA_Img1_Top_20

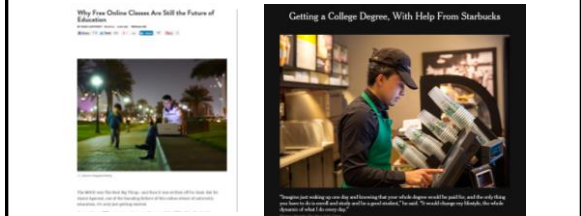


A quick overview of the bet we're making about the next 15 years.

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>





Blended Learning

(Employee Blended Orientation, Flipping the Classroom—give access to course materials)
Putting MOOCs to Work Recap
September 8, 2014, Chris Hilger, Extension Engine
<https://www.udemy.com/organizations/blog/2013/12/23/seven-ways-to-corporate-mooc/>

7 WAYS THAT CORPORATIONS ARE USING MOOCs

2 ONBOARDING EMPLOYEES.


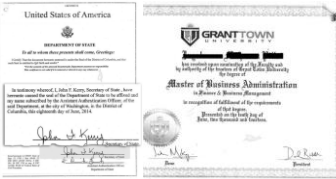




May 17, 2015

Fake Diplomas, Real Cash: Pakistani Company Axact Reaps Millions, NY Times, Declan Walsh

<http://www.nytimes.com/2015/05/18/world/asia/fake-diplomas-real-cash-pakistani-company-axact-reaps-millions-columbia-barker.html>

Axact makes tens of millions of dollars annually by offering diplomas and degrees online through hundreds of fictitious schools. Fake accreditation bodies and testimonials lend the schools an air of credibility. But when customers call, they are talking to Axact sales clerks in Karachi.

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/can-wearable-computers-fit-in/275746>
(i.e., magnify moles or injuries, see vital signs, live stream surgeries, access previous PT sessions, access research and drug info, etc.)
<http://www.fiercehealthcare.com/story/people-glasses-could-have-strong-potential-healthcare-use/2013-03-18>







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 savviness: 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/2015/01/09/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

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

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



What motivates?

1. **ToneClimate:** 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

XXVIII. 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/article/Can-You-Really-Teach-a-MOOC-in-a-Refugee-Camp/244933?cid=article_email_signup



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>

Opening the Curriculum: Open Educational Resources in U.S. Higher Education, 2014

nature
 Biochemical networks

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.parforpress.com/invasion_of_the_moocs
Free (PDF): http://www.parforpress.com/pdf/invasion_of_the_moocs.pdf

Invasion of the MOOCs
 The Promise and Perils of Massive Open Online Courses

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."

Global Health Initiatives
October 7, 2014
Online Mocc 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>

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

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-Mythic-Ele-Sic-Disruptive/140965/>
<http://extensionengine.com/putting-moocs-to-work-cscap-infographic/#.VE4R6o3wtjs>

BUILDING TALENT PIPELINES.

7 WAYS THAT CORPORATIONS ARE USING MOOCs

Nanodegrees (e.g., Web design, coding, etc.)
(Open Education Alliance)

Open Education Alliance
 Create the workforce of tomorrow

Google | AUTODESK | intuit

atlassian | cloudera

XendMe | cadence | NVIDIA

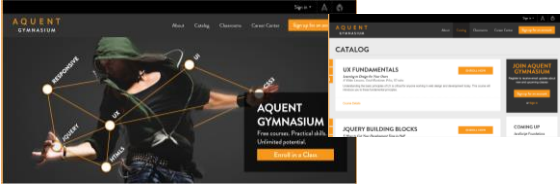
KHAN ACADEMY

Aquent Gymnasium

(e.g., Web design, Coding, JavaScript, etc.)

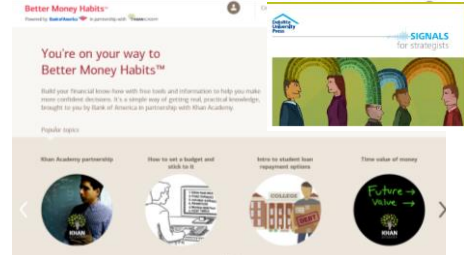
A staffing agency for the marketing and creative industries, a MOOC provider that offers technology courses for creative professionals.

<http://gymnasium.aquent.com/>



Better Money Habits (personal finance, money habits, financial literacy) (Bank of America and the Khan Academy)

The MOOC Marketplace Takes Off, Forbes, November 30, 2013, Josh Bersin
<http://www.forbes.com/sites/joshbersin/2013/11/30/the-mooc-marketplace-takes-off/>



openSAP

MOOC platform to educate its ecosystem of developers and partners on SAP technologies

<https://open.sap.com/>



April 1, 2015

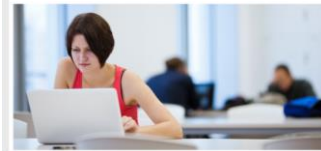
For a Better Flip, Try MOOCs, David Raths, Campus Technology

<http://campustechnology.com/articles/2015/04/01/for-a-better-flip-try-moocs.aspx>

For a Better Flip, Try MOOC

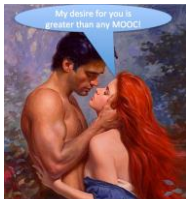
Innovative faculty are running MOOCs and flipped-format on-campus courses on the same schedule and having the two groups interact online — with interesting results.

By David Raths | 04/01/15



Things are heating up!

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



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

MOOCs and Open Education Around the World

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

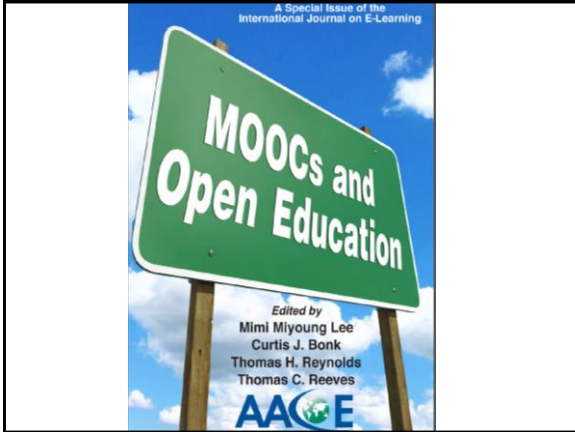


MOOCs and Open Education
AROUND THE WORLD



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





Let's Review: Learning is Changing...

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



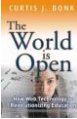
Frank Basile, an aircraft technician, took an MITx course on circuits and electronics to increase his knowledge.



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

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



Audience Participation!

WE

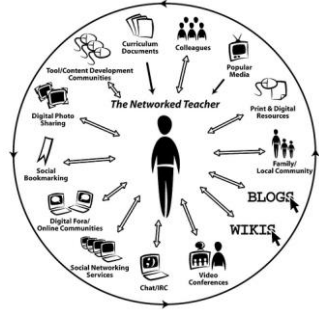
ALL

LEARN!!!






The Web of Learning



The diagram illustrates 'The Networked Teacher' at the center, connected to various learning tools and communities:

- Curriculum Documents
- Colleagues
- Popular Media
- Prior & Digital Resources
- Family/Local Community
- WIKIS
- Video Conferences
- Chat/IRC
- Social Networking Services
- Online Communities
- Digital Peer
- Social Bookmarking
- Digital Photo Sharing
- Tool/Content Development Communities

**We are entering a jumping
off point...**



**Audience Poll #4:
Are we going crazy yet?**



**20 More Technologies of
Today...**

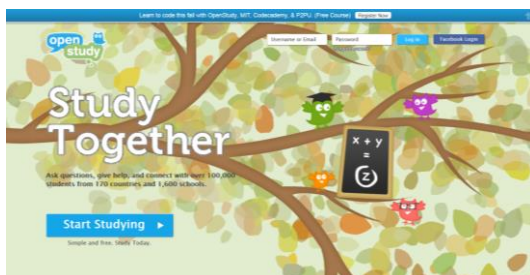
On September 23, 2014 Elliott Masie hosted a webinar discussing Learning Trends and Challenges in 2014. Below is the video from this dialogue.



**Tech #31. Free Content Portals
MERLOT II: Multimedia Educational
Resource for Learning and Online Teaching**
<http://www.merlot.org/merlot/index.htm?action=find>



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



**Tech #33. 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/?cid=at&utm_source=at&utm_medium=en



Portuguese-language students at Virginia Commonwealth U. hold a "teletandem" session with students in Brazil who are learning English. The approach "basically forces you to learn," says one student. "It pushes you to practice the language to make sure you are ready for the next meeting."

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

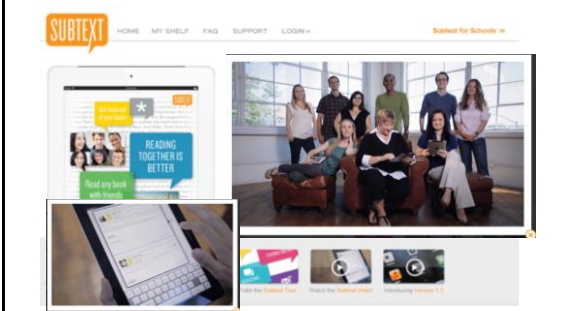
<http://www.usatoday.com/videos/tech/2014/10/23/17766019/>



Tech #34.
Mobile Apps for the other training and resources



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



Tech #36.
Web Conferencing (Adobe Connect, Jabber, iMeet, GoToMeeting, etc.)

<https://connect.ui.edu/n259wniabe9/>



Tech #37.
Videoconferencing and Telepresence Technology



February 18, 2015
Video Conferencing Robots (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)

The smarter, faster, better way to work together

Online collaboration that just works. Get PBworks, and get more done.

If Facebook and Twitter actually helped get work done, they'd be PBworks. Now with social networking and microblogging. [Learn more >](#)

Legal Edition Prepare all 28 of the top 27 law firms in America with PBworks.

Project Edition Collaborate with clients and manage a distributed team of contributors.

Product Resources In the News Custom

Tech #45. Crowdsourced Website Donations

(e.g., Scholar Match, Zero Bound, Pave, GoFundMe; <http://www.gofundme.com/>)

Help Jill do research in Rwanda!

Support Young Children in India - Zero Bound

Tech #46. Collection Tools

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

EDED 5372 Emerging Trends and Issues in Instructional Technology

Tech #47. Backchannel Chat (Today'sMeet)

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

Today'sMeet

R678_Emerging_Learning_Technologies

Listen

Talk

I know what HPT is, but unclear on what it looks like. Can you provide an example?

It makes me wonder if HPT will give way to the MOOC.

If so, what will that transition look like from the perspective of an employer?

It seems that the drive to learn from an OER is intrinsic. Do you see a future transition of the drive being intrinsic say a year?

Tech #48. Virtual or Augmented Reality Training (Web-based Land Navigation Trainer Tutorial)

<http://www.youtube.com/watch?v=8-WY9nazoGU>

See article: <http://www.defensenews.com/article/20130619/TSI/306190025/Land-Nav-Masses>



Tech #49. 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?l=todaysheadline&emc=edit_th_20130108&_r=0

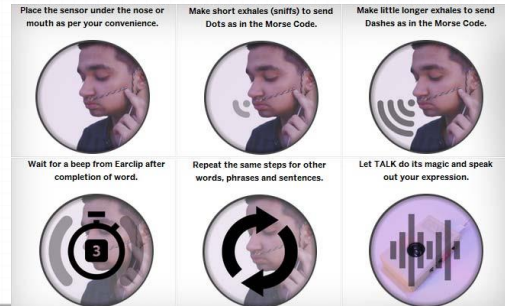


Tech #50.**Mobile Health (bio sensors)**

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

**Bonus: September 16, 2014****Panipat Teen Develops Device to Convert Breath Into Words, NDTV**

<http://www.ndtv.com/article/feature/panipat-teen-develops-device-to-convert-breath-into-words-591199?lite=classic>

**Poll #5: How many ideas did you get from this talk?**

1. 0 if I am lucky.
2. Just 1.
3. 2, yes, 2...just 2!
4. Do I hear 3? 3!!!!
5. 4-5.
6. 5-10.
7. More than 10.

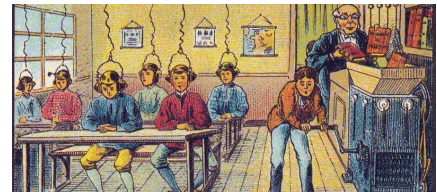
**October 21, 2014****Teaching and the University of Tomorrow. Chronicle of Higher Education, Kelly J. Baker**

Image: France in 2000 year (XXI century). Future school. From a postcard by Villemard, 1910.

Any Questions?

Slides at: TrainingShare.com
Papers: PublicationShare.com
Book: <http://worldisopen.com/>
Email: curt@worldisopen.com

