

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

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



**(Circa Confucius 551–479 BCE)**



**Academos  
 Plato Circa 428–347 BCE**



**Poll #1:**

**Do you prefer this type of  
 education--lectures?**

A = Yes

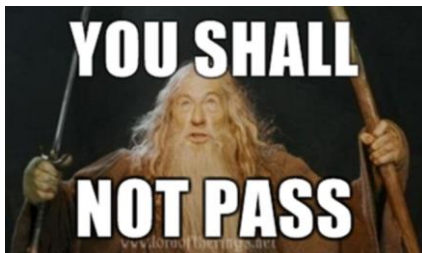
B = No

C = Not sure



**Poll #2:**

**Do you really remember those  
 days of the lecture?**



**This is a new age of  
 learning and instruction...!**



## From Instructor as Credit Manager...to...



## 1. Instructor as Concierge



## 2. Instructor as Consultant



## 3. Instructor as Conductor



## 5. Instructor as Curator



## Age of Instructor as Curator, Concierge, Counselor, etc.



**Poll #3:**  
**Read any good books lately?**



**1. Drive: The Surprising Truth About What Motivates Us**

Daniel Pink (2009)

Pinkcast 2.

Advice from Adam Grant: Look for "disagreeable givers"



**2. Grit: The Power of Passion and Perseverance**  
Angela Duckworth (2016)



**3. Mindset:**

The New Psychology of Success  
Carol Dweck (2006)

<http://mindsetonline.com/index.html>

- Growth vs. fixed (i.e., entity) theories of intelligence
- Intelligence is not fixed
- Practice, practice, practice
- Do not blame others
- Learning goals over performance goals
- Asks: What can I learn from this?
- Asks: How can I improve?



**4. Creativity, Inc. (2014)**  
Ed Catmull, President of Pixar Animation and Disney Animation  
<http://www.creativityincbook.com/>



**Poll #5:**  
**What if you read these books?**





## Poll #6: Do you remember these computers from the 1980s?



## 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."



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

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



## 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



## February 17, 2016

### World's Cheapest Smartphone at \$3.67

[https://m.facebook.com/hashtag/launched?refid=528...\\_tn...=%2Ae](https://m.facebook.com/hashtag/launched?refid=528..._tn...=%2Ae)  
[https://m.facebook.com/story.php?story\\_fbid=1015339600123157&fbid=102532930797](https://m.facebook.com/story.php?story_fbid=1015339600123157&fbid=102532930797)  
<http://gadgets.ndtv.com/videos/freedom-251-launched-as-world-s-cheapest-smartphone-at-rs-251-40482>



## 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-120786>



## 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**

"Distorted walking" as the experts call it, is a growing phenomenon in the MTR and on the streets of Hong Kong. Experience somewhere where it can be deadly.

Mark Sharp  
 South China Morning Post



## June 22, 2015

### Students' Mobile Learning Practices in Higher Education: A Multi-Year Study

Baiyun Chen, Ryan Seilhamer, Luke Bennett and Sue Bauer, EDUCAUSE Review

<http://er.education.edu/article/2015/6/students-mobile-learning-practices-in-higher-education-a-multi-year-study>

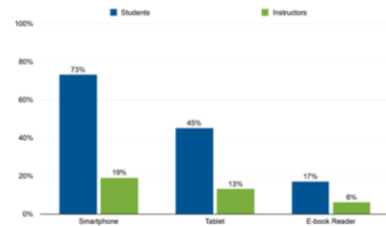


Figure 6. Student usage to instructor requirement of devices for assignments (N=1,181)

## January 7, 2015

### II. Learning is More Flipped

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/153033/>



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.

## March 31, 2016

### How Sal Khan Hopes to Remake Education, Jeffrey R. Young, The Chronicle of Higher Education

<http://chronicle.com/article/How-Sal-Khan-Hopes-to-Remake-Education/153033/>  
<http://er.education.edu/article/2016/3/how-sal-khan-hopes-to-remake-education-a-multi-year-study>

THE CHRONICLE OF HIGHER EDUCATION

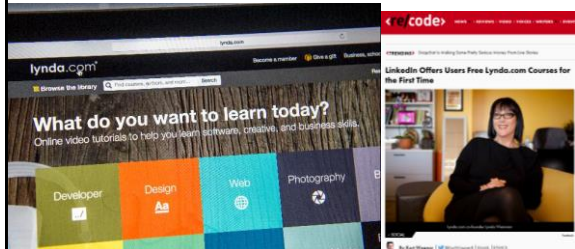
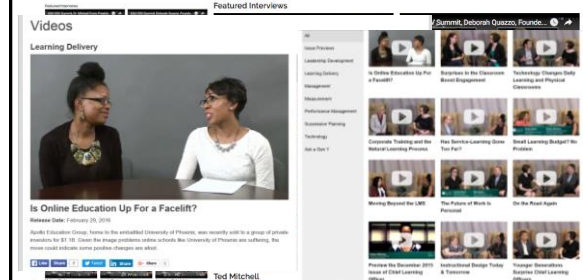
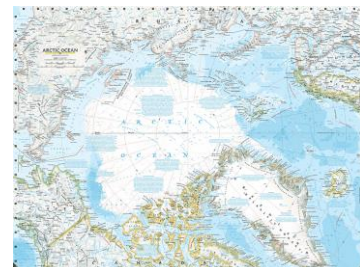
Home News Global Opinion & Ideas Facts & Figures Blogs Advice Forums

TECHNOLOGY

### How Sal Khan Hopes to Remake Education

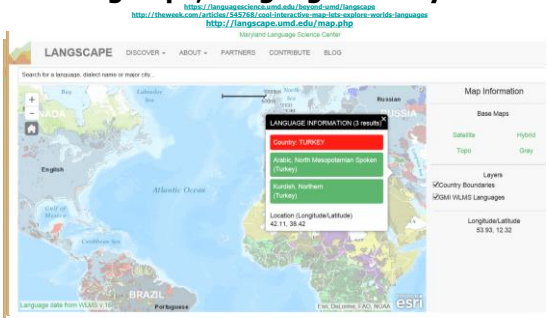
By Jeffrey R. Young | MARCH 30, 2016



**June 16, 2015****III. Learning is More Video-Based****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 31, 2015****Short Educational Video Anchors:****CNN, BBC, TED, TED-Ed, ForATV****BBC One-Minute World News**<http://www.bbc.com/news/business-34105708>**August 5, 2015****Shubham Jaglan Overwhelmed by "Dream" Return Home After Double World Championship****Disha Chopra, NDTV Sports**<http://sports.ndtv.com/golf/news/246591-shubham-jaglan-overwhelmed-by-dream-return-home-after-double-world-championship><http://www.ndtv.com/videos/player/news/india-a-golf-prodigy-shubham-jaglan-returns-home-to-hero-a-welcome-377614>**April 5, 2016****Association for the Advancement of Computing in Education (AACE), YouTube Channel****September 22, 2014****IV. Learning is More Visual****110 Foot Engagement,****Elliott Masie's Learning 2014**<http://www.learning2014.com/index.php/item/110-foot-screen-engagement.html>**Map Animations****Yes, Mr. President, We Remade Our Atlas to Reflect Shrinking Ice****Christine Dell'Amore, National Geographic, August 3, 2015**<http://www.nationalgeographic.com/2015/08/03/atlas-to-reflect-shrinking-ice/>



## March 24, 2015 Maps of Languages Landscape, Language at Maryland



## October 16, 2013 V. Learning is More Touch Sensed Corporate Classrooms: Adapting to Change Chief Learning Officer, Frank Kalman



## April 2, 2015 VI. Learning is More Immersive

*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/>



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.

## January 7, 2016 Google Cardboard saves baby's life CNN, Elizabeth Cohen

<http://www.cnn.com/2016/01/07/health/google-cardboard-baby-saved/index.html>

Google Cardboard saves baby's life

By Elizabeth Cohen, CNN Senior Medical Correspondent

Updated 6:08 PM ET, Thu January 7, 2016



Dr. Anthony Rossi  
 Nicklaus Children's Hospital

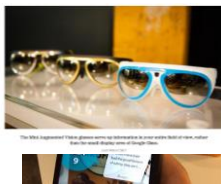
## July 23, 2015

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-its-2700-ar-glasses/2062286/>  
<http://www.usatoday.com/story/tech/2015/06/09/tech-vr-ar-goggles-what-comes-next-and-what-coming/81112842/>



Letsee is an AR app from a South Korea consumer to scan a product and see reviews instantly overlaid overtop.



## March 2, 2016 10 AR/VR sets that take you to another world

USA Today, Marco della Cava

<http://www.usatoday.com/story/tech/news/2016/03/02/10-ar-vr-sets-what-gear-vr-and-what-coming/81112842/>



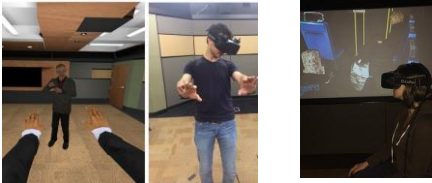
Samsung Gear VR offers a virtual reality experience anchored to an Android smartphone.

**April 10, 2016**

## Virtual reality tested by NFL as tool to confront racism, sexism

Marco della Cava, USA Today

<http://www.usatoday.com/story/tech/news/2016/04/08/virtual-reality-tested-tool-confront-racism-sexism/82674406/>



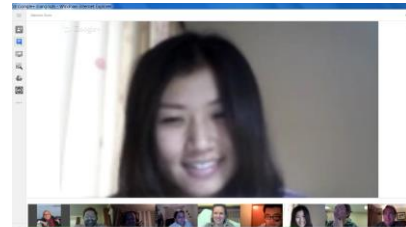
One VR diversity demo places the user in the body of an African-American woman as a white male avatar gets aggressive mere feet away. (In one Stanford VR demo, subjects are made to feel what is like to be homeless, as in this scene where the user is transported into the body of a woman riding the bus with a few possessions.)

**March 26, 2014**

## VII. Learning also is More Collaborative

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

**April 28, 2016**

## Shindig, Video Chat Tool

Future Trends Forum  
 (with Bryan Alexander)

<https://bryanalexander.org/>

**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](http://www.mixedink.com/#/_how_it_works))

**April 12, 2016**

## VIII. Learning is More Social

Zuckerberg criticizes Trump's call for border wall at F8 conference,  
 Natalie DiBlasio, USA Today

<http://www.usatoday.com/story/tech/news/2016/04/12/zuckerberg-criticizes-trumps-call-border-wall-f8-conference/82940466>



Facebook says 1 billion people used Facebook on Monday

Today's "West Tyler" is 1 billion, for the amount of people who used Facebook on Monday. Bloomberg's Emily Chang reports on "Bloomberg West."

4 of 19

[See more video](#)

**June 10, 2015**

## VIII. Learning is More Social

Tencent, Shenzhen, China







**January 20, 2016**

### XIII. Learning is More Blended

**Universities tap growth of craft beer, offer classes, Chicago Tribune**

<http://www.chicagotribune.com/business/ct-college-craft-beer-offer-classes-20160120-story.html>



**March 22, 2015**

### XIV. Learning is More Immediate

**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>

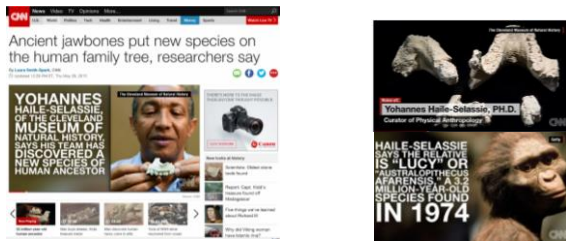


**May 28, 2015**

### Immediate Science!

**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>



**April 1, 2016**

### Learning is More Immediate

**Potential Vikings site in North America spotted from space, Jareen Inman, CNN**

<http://www.cnn.com/2016/04/01/world/vikings-site-space-irpt/index.html>

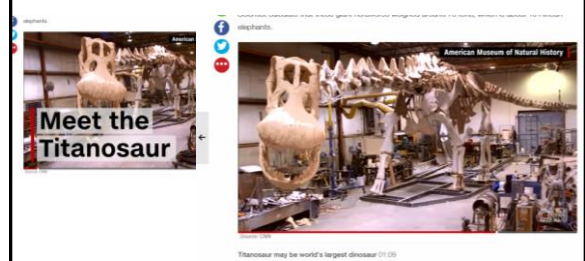


**January 14, 2016**

### More Immediate Science...

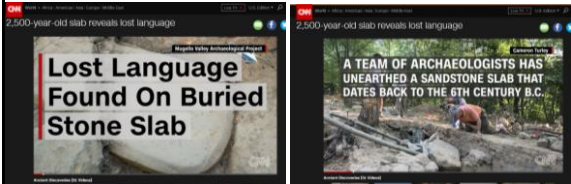
**Move over T. rex, new dinosaur unveiled, Amanda Jackson, CNN**

<http://www.cnn.com/2016/01/14/living/titanosaurus-new-dinosaur-on-display-new-york-irpt/>



## April 1, 2016 More Immediate Science...

(e.g., 2,500-year-old slab reveals lost language, CNN)  
(A team of scientists have uncovered a 2,500-year-old slab that may reveal details about the ancient Etruscan civilization; found in Temple foundation north of Florence, Italy.)  
<http://www.cnn.com/video/world/2016/04/01/italy-etruscan-slab-found-orig-vcn.cnn>



## May 14, 2016 Mastodon bones offer clues of earliest humans in North America, Faith Karimi, CNN

Abstract: <http://advances.sciencemag.org/content/2/5/e1600375>  
Full Article: <http://advances.sciencemag.org/content/2/5/e1600375.full>  
Supplemental materials (PDF): <http://advances.sciencemag.org/content/suppl/2016/05/10/2.5.e1600375.DC1>  
PDF: [http://advances.sciencemag.org/content/advances/suppl/2016/05/10/2.5.e1600375.DC1/1600375\\_SM.pdf](http://advances.sciencemag.org/content/advances/suppl/2016/05/10/2.5.e1600375.DC1/1600375_SM.pdf)



## May 13, 2016 Pre-Clovis occupation 14,550 years ago at the Page-Ladson site, Florida, and the peopling of the Americas, Science Advances, Vol 2(5)

Abstract: <http://advances.sciencemag.org/content/2/5/e1600375>  
Full Article: <http://advances.sciencemag.org/content/2/5/e1600375.full>  
Supplemental materials (PDF): <http://advances.sciencemag.org/content/suppl/2016/05/10/2.5.e1600375.DC1>  
PDF: [http://advances.sciencemag.org/content/advances/suppl/2016/05/10/2.5.e1600375.DC1/1600375\\_SM.pdf](http://advances.sciencemag.org/content/advances/suppl/2016/05/10/2.5.e1600375.DC1/1600375_SM.pdf)

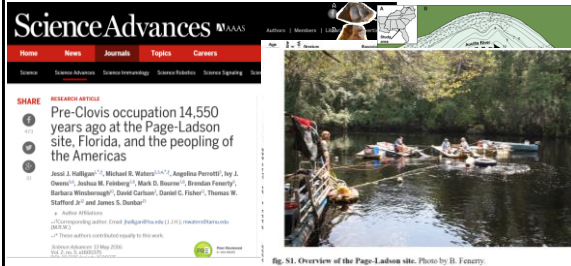


Fig. S1. Overview of the Page-Ladson site. Photo by B. Fenerty.

## June 29, 2015 XV. Learning is More Informal

Is Facebook the next frontier for online learning?

Christine Greenhow; [greenhow@msu.edu](mailto:greenhow@msu.edu), Andy Henion  
<http://msutoday.msu.edu/news/2015/is-facebook-the-next-frontier-for-online-learning/>



## January 15, 2016 Wikipedia at 15 Scott McLemee, Inside Higher Ed

<https://www.insidehighered.com/digital-learning/article/2016/01/15/wikipedia-at-15>  
DOI:10.1155/edu\_medium-mmlm-term=0\_16b04421-44924898-197262461



## Half-Way Point...(Activity #1) Please Share the Best Two Ideas so Far...





**May 10, 2016**

## **XVI. Learning is More Competency-Based**

### **Developing a Flexible Degree**

Cathy Sandeen, Inside Higher Ed  
<http://chronicle.com/article/College-On-Your-Own/147659?cid=at>

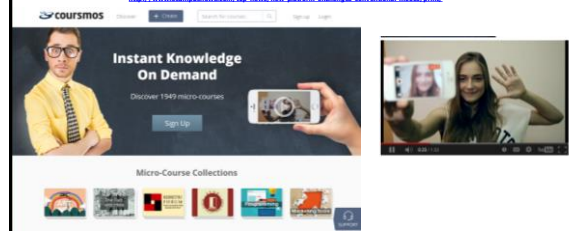


College, on Your Own: Competency-based education can help motivated students.  
 Nichele Pollock, a student in Northern Arizona U.'s competency-based bachelor's-degree program, takes a Spanish exam online.

**May 5, 2014**

## **XVII. Learning is More On Demand**

**Mobile MOOCs: New platform challenges conventional MOOCs**  
 eCampus News (<https://coursmos.com/>)  
<http://www.ecampusnews.com/top-news/new-platform-challenges-conventional-moocs/print/>

**February 2, 2015**

## **XVIII. Learning is More Hands-On**

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

**March 7, 2016**

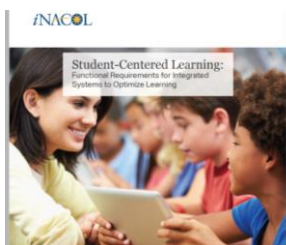
## **XIX. Learning is More Personal**

**Personalized Learning: What It Really Is and Why It Really Matters**  
 Michael Feldstein and Phil Hill, EDUCAUSE Review  
<http://er.educase.edu/articles/2016/3/personalized-learning-what-it-really-is-and-why-it-really-matters/>

**May 5, 2016**

## **Learning is More Personal**

**Student-Centered Learning: Functional Requirements for Integrated Systems to Optimize Learning**  
[http://www.inacol.org/content/uploads/2016/05/INACOL\\_FunctionalRequirementsforIntegratedSystems.pdf](http://www.inacol.org/content/uploads/2016/05/INACOL_FunctionalRequirementsforIntegratedSystems.pdf)



## **Learning is More Personal**

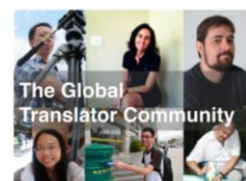
**Localization and Translation of Open Content**  
 Coursera, Global Translator Community, Chronicle of Higher Education  
<https://www.coursera.org/about/translate>

### **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](#)

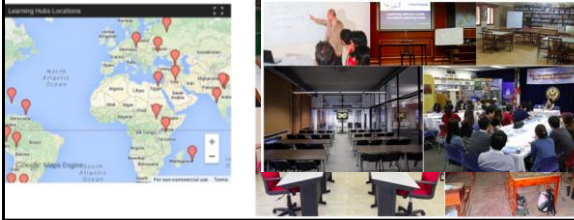


**April 30, 2014**

## XX. Learning is More Communal

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>



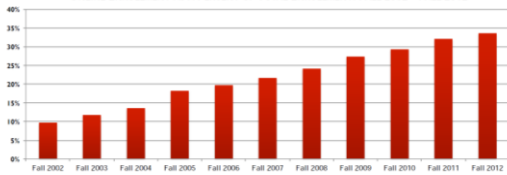
**February 5, 2015**

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

ONLINE ENROLLMENT AS A PERCENT OF TOTAL ENROLLMENT: FALL 2002 - FALL 2012

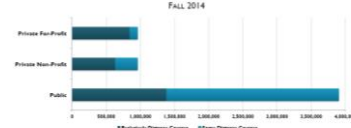


**February 2016**

## Online Report Card – Tracking Online Education in the United States

Babson Survey Research Group and co-sponsored by the Online Learning Consortium (OLC), Pearson, StudyPortals, WCET and Tychon Partners  
<http://onlinelearningconsortium.org/read/online-report-card-tracking-online-education-united-states-2015/>  
<http://www.onlinelearningconsortium.org/reports/online-reportcard.pdf>

ENROLLMENT OF STUDENTS TAKING AT LEAST ONE COURSE AT A DISTANCE: FALL 2014



There is variation in the proportion of students taking "At Least One" course at a distance by sector:

- 27% of public institution students took at least one distance course.
- 23% of private non-profit students took at least one distance course.
- 60% of private for-profit students took at least one distance course.

**June 15, 2014**

## Learning is More Online

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://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>

Why Free Online Classes Are Still the Future of Education



Getting a College Degree, With Help From Starbucks



**November 18, 2015**

Focused Ga. Mom Completes College Exam While in Labor, Fox 5, Atlanta  
<http://www.fox5atlanta.com/news/50990044-story>



Photos provided to FOX 5 News by Tamielene Collins.

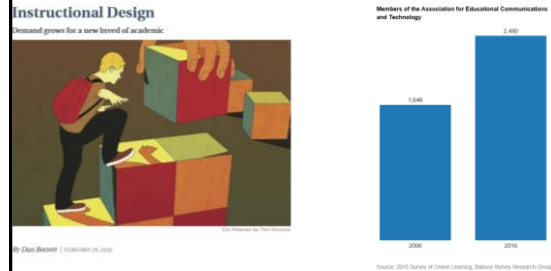
## October 30, 2015 Migrants get help through German online university

Mihret Yohannes and Jabeen Bhatti, Special for USA TODAY, USA Today  
<http://www.usatoday.com/story/news/world/2015/10/29/migrants-get-help-through-german-online-university/24472260/>  
 "Kiron (University) relies on existing "mass open online courses," or MOOCs, and works with eight academics from Harvard and MIT to create a two-year course of study. This will provide many refugees with credits that can transfer to 35 traditional, brick-and-mortar universities across Europe that are partners with Kiron."



## February 29, 2016 Instructional Design: Demand grows for a new breed of academic

The Chronicle of Higher Education, Dan Berrett  
<http://chronicle.com/article/Instructional-Design/235425>



## May 8, 2012 XII. 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>



## May 11, 2016 XIII. Learning is More Voice Activated Google may have its own Echo coming soon (i.e., codename of "Chirp"), Elizabeth Weise, USA Today



## June 17, 2015 XIV. Learning is More Ubiquitous With Its Invention, This Bengaluru-Based Startup Could Beat Google and Facebook, Kirti Sharma, <http://www.indianweb2.com/2015/11/17/saankhya-labs-pruthvi-chip/>

	White Space	Wireless (Wifi)	Satellite	Cellular (4G)
Uplink Capex for building network	Low	Low	High	High
Time to build the network	Short	Long	Short	Short
Spectrum or Licensing Cost	Low	High	High	Very High
Network downtime	Low	Free	High (static)	Low
Network Congestion	Low	Low	Low	High
Data Speed	Medium	Very High	Low (static)	High
Network Connection	Dedicated	Shared	Shared	Shared

Table comparing the various

## April 13, 2016 Facebook debuts terrestrial tech to deliver Internet

Jessica Guynn, USA Today

<http://www.usatoday.com/story/tech/news/2016/04/13/facebook-terrestrial-connectivity-3000000/>



Terragraph places small nodes or boxes on lamp posts, buildings, bus stops and the like at distances up to 820 feet apart to bring high-speed Internet to dense urban areas. (Photo: Facebook)



**August 5, 2014****XV. Learning is More Free**

**OpenStax Aims To Bring Free Digital Textbooks to High Schools, David Nagel, THE Journal**

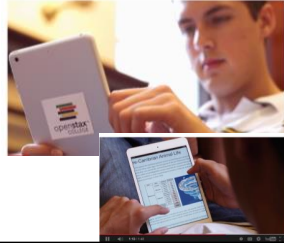
<http://thejournal.com/articles/2014/08/05/openstax-aims-to-bring-free-digital-textbooks-to-high-schools.aspx>

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



Screen savours

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

**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>



**February 2013**  
**XXVI. Learning is More Self-Directed**  
**TED Talks**

**(Build a School in the Cloud; Self-Organized Learning Environments (SOLEs), TED Talk from Sugata Mitra**

[http://www.ted.com/talks/sugata\\_mitra\\_build\\_a\\_school\\_in\\_the\\_cloud.html](http://www.ted.com/talks/sugata_mitra_build_a_school_in_the_cloud.html)

**May 26, 2015****XXVII. Learning is More Global**

**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/>



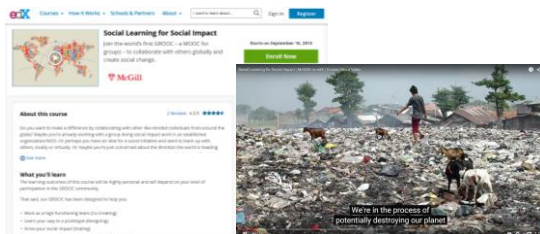
Two men living in Dadaab, a refugee camp in Kenya, would watch lecture videos and take online quizzes at a nearby United Nations compound. (InZone)

**September 15, 2015**  
**MOOCs for Social Impact**

**Social Learning for Social Impact, edX**  
**Join the world's first GROOC – a MOOC for groups – to collaborate with others globally and create social change.**

<https://www.edx.org/course/social-learning-social-impact-mcgill-grooc>

<https://www.youtube.com/watch?v=36&v=WNq-SLFAMdI>

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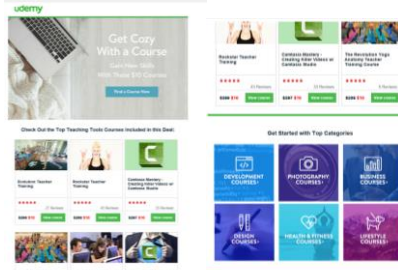


Maybe you're ready for a global conversation about what you want to do.



## January 20, 2016 Udemy: "Get cozy with a class"

[udemy@email.udemy.com](mailto:udemy@email.udemy.com)



## January 5, 2016 Use Of MOOCs And Online Education Is Exploding: Here's Why

Josh Bersin, Forbes

<http://www.forbes.com/sites/joshbersin/2016/01/05/use-of-moocs-and-online-education-is-exploding-heres-why/#290acdda7109>

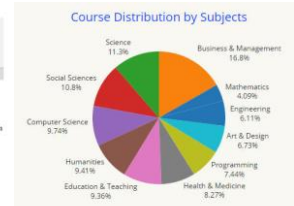
JAN. 2016 BY JOSH BERSIN

### Use Of MOOCs And Online Education Is Exploding: Here's Why



More than 35 million people have enrolled in online courses in the last few years, and 2015 enrollments doubled from 2014. (That's equal to one out of five working professionals in the U.S.)

Today there are more than 4,000 MOOC courses available (many more if you include the corporate training programs from companies like Cisco, IBM, LinkedIn, Coursera, Blackboard, and others). These academic-oriented programs cover many topics, and are expanding into several business...



## November 19, 2015 Ten Most Popular MOOCs Starting in November 2015, Class Central Blog

<https://www.class-central.com/>



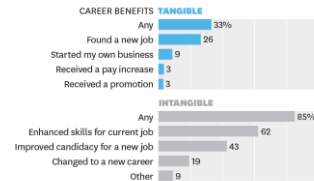
## September 22, 2015 Who's Benefiting from MOOCs, and Why

Chen Zhenghao, Brandon Alcorn, Gayle Christensen, Nicholas Eriksson, Daphne Koller, Ezekiel J. Emanuel, Harvard Business Review

<https://hbr.org/2015/09/whos-benefiting-from-moocs-and-why>

### The Career Benefits of MOOCs

As reported by those who stated career benefits as their primary reason for completing a MOOC.



SOURCE: COURSERA SURVEY DATA

© HBR.ORG

## May 4, 2016 This Mongolian Teenager Aced a MOOC. Now He Wants to Widen Their Impact

The Chronicle of Higher Education, Jeffrey R. Young  
<http://chronicle.com/article/This-Mongolian-Teenager-Aced-a-MOOC-Now-He-Wants-to-Widen-Their-Impact/236362>

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TECHNOLOGY

### This Mongolian Teenager Aced a MOOC. Now He Wants to Widen Their Impact.

By Jeffrey R. Young | MAY 04, 2016



This is the latest episode of our new podcast series on the future of higher education. You can subscribe in iTunes to get prior and future episodes.

## March 4, 2016 MOOCs: vital tools in education of the future – or over-hyped online fad? (embedded video: 8:01)

Euro News, Sarah Chappell

<https://www.youtube.com/watch?v=1Y1A1A1A1A1A>

### SPECIAL REPORTS | learning world

### MOOCs: vital tools in education of the future – or over-hyped online fad?

By Sarah Chappell

VIDEO 11:41:27 | CHANNEL: EURO NEWS





**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>



**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?i=20475997](http://blogs.edweek.org/edweek/edtechresearcher/2015/05/in_china_where_everything_is_a_mooc.html?i=20475997)

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."



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



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

**Things are heating up!**



**And coming within reach!**



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



## 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."

## Poll #7: Does all this give you a headache?



**Not Me...I am happy!  
and...  
My minions are happy!**



## Remember: We are entering a jumping off point...

(South China Normal University,  
Friday June 12, 2015)



## Activity #1: What are 3 things that you learned?



## Activity #2: Which learning trend is the most important?

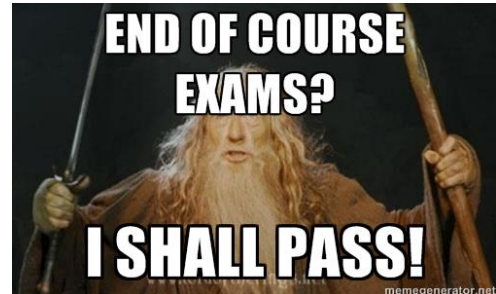


**Activity #3:**  
**Share Three**  
**Words from this**  
**Session!**



3 3 3

**Poll #8:**  
**What happens next...?**



**Remember:**  
**"I cannot do this alone."**

"I cannot do this alone."  
 "I cannot do this alone."  
 "I cannot do this alone."



**Any Comments or Questions?**

**Slides at:** [TrainingShare.com](http://TrainingShare.com)  
**Papers:** [PublicationShare.com](http://PublicationShare.com)  
**Book:** <http://tec-variety.com/>  
**Email:** [curt@worldisopen.com](mailto:curt@worldisopen.com)

