

## Learning is Changing: E-Learning, The Open World, and Beyond

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



**April 10, 2015**  
103-year-old Marie Hunt fulfills her lifelong dream to graduate from high school, NBC, WMTV Madison (Spring Green, Wisconsin)  
<http://www.nbc15.com/home/headlines/103-year-old-Spring-Green-woman-fulfills-life-long-goal-299361331.html>



103-year-old Marie Hunt fulfills her lifelong dream to graduate from high school

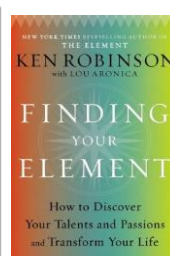
**April 20, 2015**  
**250 MOOCs and Counting: One Man's Educational Journey**, Chronicle of Higher Education  
<http://chronicle.com/article/250-MOOCsCounting-One/229397/?cid=at>

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."

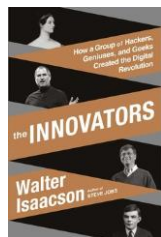
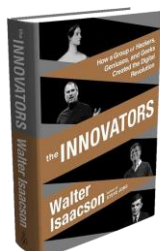
**Poll#1: Read any good books lately?**  
**Creativity, Inc. (2014)**  
<http://www.creativityincbook.com/>



**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: 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/>



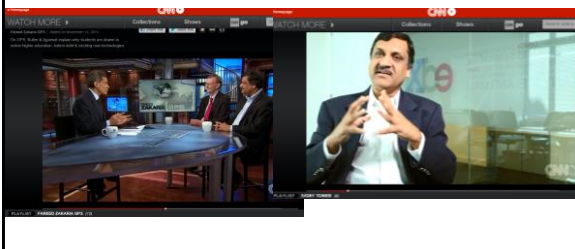
### Poll #3: Turn on the TV Lately?

**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/bestof/2014/11/15/exp-gps-moocs-sot-cnn.html>



**April 24, 2015**

#### The Making of a Higher-Ed Agitator, Chronicle of Higher Education, Jack Stripling

<http://chronicle.com/article/The-Making-of-a-Higher-Ed/229619/>



Michael Crow, president of Arizona State U., sees himself as a "knowledge enterprise architect." His populist prescription for colleges amounts to a finger in the eye of the higher-education establishment.

**April 23, 2015**

#### The Catch in Arizona State's Low-Cost Freshman Year Online:

No Aid, Chronicle of Higher Education, Thomas Fisher

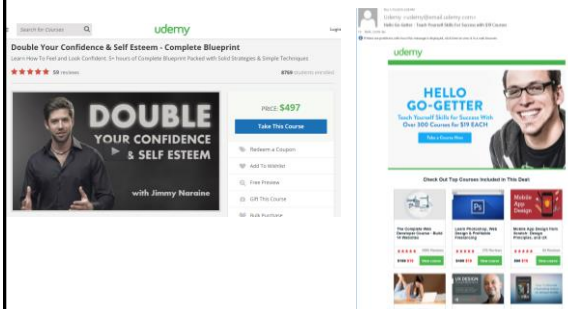
<http://chronicle.com/article/The-Catch-in-Arizona-State-s/229617/>



Anant Agarwal, the head of edX, which teamed up with Arizona State U. in the new project: "Our mission is to provide education to people who need it the most."

### Poll #4: Read Your Email Lately?

**January 15, 2015**



### Poll #5: Read Any Research Lately?

**October 25, 2014**

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

I. Elaine Allen and Jeff Seaman

<http://www.onlinelearningurvey.com/reports/openingthecurriculum2014.pdf>



**November 25, 2014**

#### OER Research Hub, OER Evidence Report: Building Understanding of Open Education 2013-2014

<http://oerresearchhub.files.wordpress.com/2014/11/oerh-evidence-report-2014.pdf>



## Looking to the Past...



**1728: 1<sup>st</sup> 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



**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**

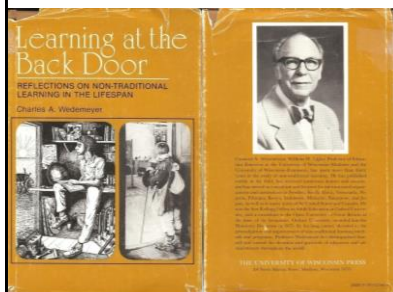
**10 ed-tech tools of the 70s, 80s, and 90s**

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)



UNIVERSITY OF  
WISCONSIN  
PRESS



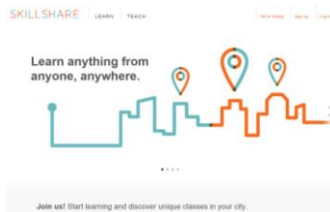
**Life as an accountant/CPA in a  
high tech company in the 1980s...**





## 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.)

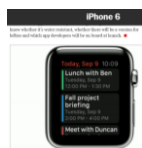


## Learning is Technology Based New Technologies = New Delivery Methods...



## I. Learning is More Mobile August 5, 2014

Timex enters smartwatch category. No phone needed, Edward C. Baig, USA Today, <http://techcolumnist.com/2014/08/05/timex-enters-smartwatch-category-no-phone-needed/1359731/>



## 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/153031/>



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 Sensed October 16, 2013

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

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

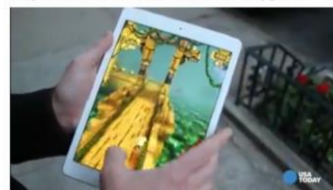


#### VI. Learning is More Game-Based October 21, 2014

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/17558235/>

Sexy iPad Air 2 is fabulous but not a must upgrade



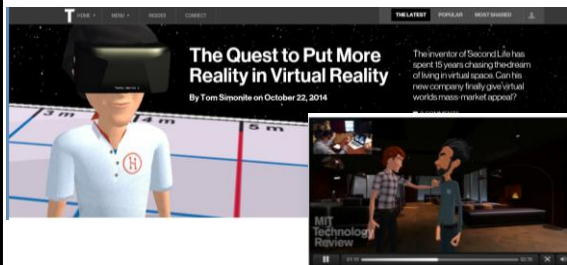
Copyright 2014 by USA Today. All rights reserved.

Edward Baig is a USA Today columnist.

#### VII. Learning is More Immersive October 22, 2014

The Quest to Put More Reality in Virtual Reality,  
Tom Simonite, MIT Technology Review

[http://www.technologyreview.com/features/551752/the-quest-to-put-more-reality-in-virtual-reality/?utm\\_source=social&utm\\_medium=social&utm\\_campaign=content-20141022](http://www.technologyreview.com/features/551752/the-quest-to-put-more-reality-in-virtual-reality/?utm_source=social&utm_medium=social&utm_campaign=content-20141022)

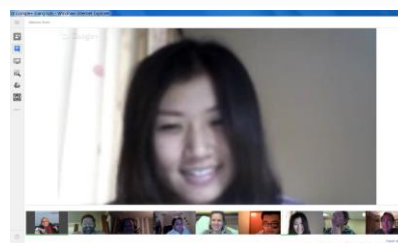


#### VIII. Learning also is More Collaborative March 26, 2014

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-rooms-josh-miller-brunch-mobile-app-creative-labs/17769167/>



## X. Learning is More Adventurous

Aaron Doering, Chasing Seals, TEDx

<http://chasingseals.com/>

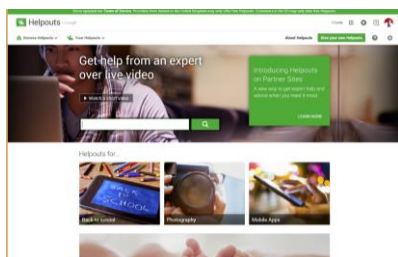


## XI. Learning is More Direct from Experts

February 3, 2015

Helpouts (Google)

<https://helpouts.google.com/>



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/151445/1?cid=at>



Kevin deLapante, 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=Imaw0YwTh2Y&list=UUCiO-jmV1pXK95Kv-lw>



## 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/columnists/baig/2014/10/23/amazon-kindle-voyage-into-e-reader-luxury/1783225/>



## 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/>



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/1479359/7cid=44>

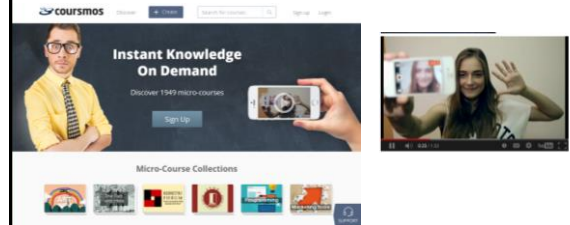
Nichole Pollock, a student in Northern Arizona U.'s competency-based bachelor's-degree program, takes a Spanish exam online.



## 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/top-news/new-platform-challenges-conventional-moocs/print/>



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

Makey Makey and the Kano

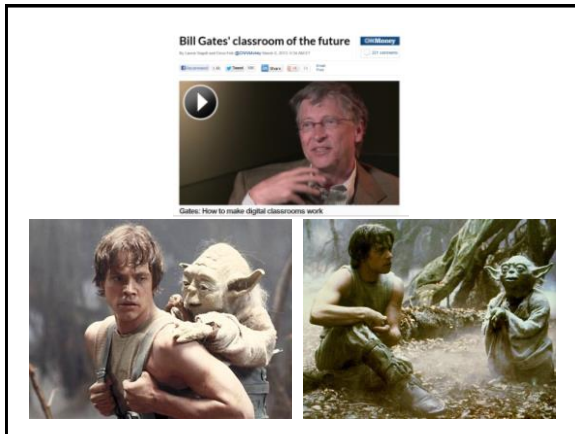
<http://makeymakey.com/>  
<https://vimeo.com/60307041>



## XIX. Learning is More Personal iPotty Aims To Entertain Toddlers During Toilet Training 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 >

### The Global Translator Community

## 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/video/business/2015/03/11/yale-offers-online-degree-2u-ceo.cnn>

## January 23, 2015

## Gates Newsletter

[http://www.gatesnotes.com/2015-annual-letter?page=0&lang=en&WT.mc\\_id=01\\_21\\_2015\\_AL2015-RG\\_PPPL\\_Tmp1\\_Top\\_20](http://www.gatesnotes.com/2015-annual-letter?page=0&lang=en&WT.mc_id=01_21_2015_AL2015-RG_PPPL_Tmp1_Top_20)

Online education will reach hundreds of millions of people. Teachers and students from Kabara to Chicago will connect with world class learning materials and each other online.

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://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>

### Instructor as Credit Manager



### Instructor as Conductor



### Instructor as Concierge



### 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/her-computer-fashions-face-social-test/2779616/>  
 (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 savers

Screen savers: 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-plan-for-free-community-college-education-for-some-students.html?\\_r=2](http://www.nytimes.com/2015/01/08/us/politics/obamas-plan-for-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

## 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/>

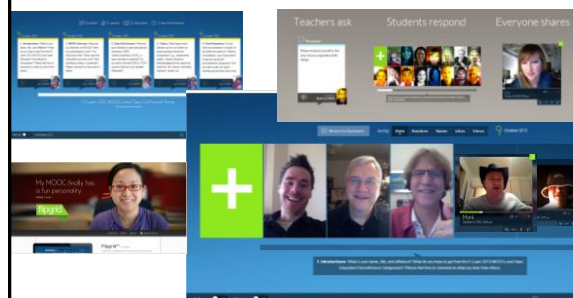


### What motivates?

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

## 1. Tone/Climate: A. Threaded Video Discussions, e.g., Flipgrid

<http://flipgrid.com/#429f88c5>



### 3. Curiosity, Fun: E. Tracking the Life of a Computer Scientist (bio.com)

<http://www.biography.com/people/steve-jobs-9354805>  
<http://www.biography.com/people/ada-lovelace-20825323>



### 5. Autonomy, Choice: D. Design Multimedia Glossaries

Ozgur Ozdemir, December 2012  
<http://r685glossary.shutterfly.com/>  
Umida Khikmatillaeva, Dec. 2011, P540  
<http://learningplanet.shutterfly.com/>



### 6. Relevance, Meaningfulness: A. Guest Chats (e.g., Emily Hixon, January 20, 2015)

<https://connect.iu.edu/p259wpiabg9/>

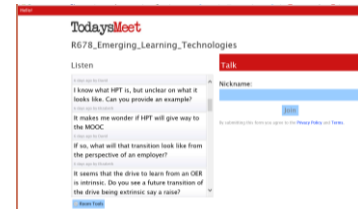


### January 27, 2015 7. Interactive, Collaborative: B. Backchannel Chat (Today'sMeet)

<https://todaysmeet.com/>

R678\_Emerging\_Learning\_Technologies

[https://todaysmeet.com/R678\\_Emerging\\_Learning\\_Technologies](https://todaysmeet.com/R678_Emerging_Learning_Technologies)



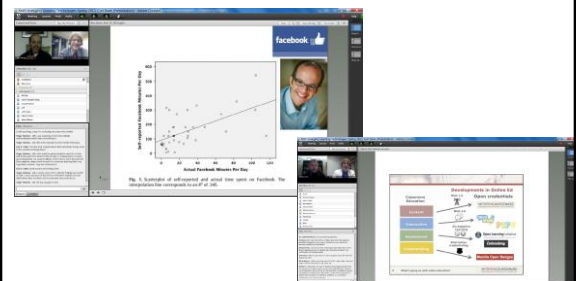
### October 4, 2014 7. Interactive, Collaborative: C. Class Facebook Group

Dr. Bonk's creative fun time group (R546)

<https://www.facebook.com/groups/830496290323899/>



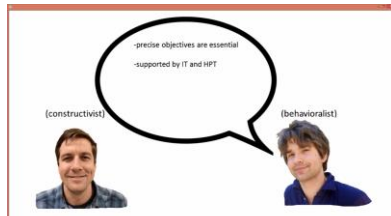
### 8. Engagement, Effort: A. Guest Speaker Quotes (Rey Junco, February 25, 2013)



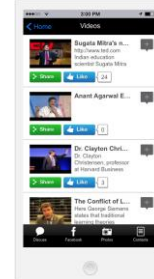
**March 13, 2015**

**9. Tension, Challenge, etc.:  
C. Controversial Issue Debates**

R511 Midterm Video How to Create an Authentic Environment in a Content-Driven School?, R511, Nick and Nik  
[https://www.youtube.com/watch?v=Bcr3\\_aZT\\_xQ&feature=youtu.be](https://www.youtube.com/watch?v=Bcr3_aZT_xQ&feature=youtu.be)



**10. Yields Products, Goals:  
G. Student Created Mobile Apps**



**Videos:** Watch selected videos from scholars and educators.

**Benefits:**  
• Can easily watch YouTube videos without having to open a separate application

**Limitations:**  
• Only accepts YouTube urls

**Commitments:**

**Stop and Share:**

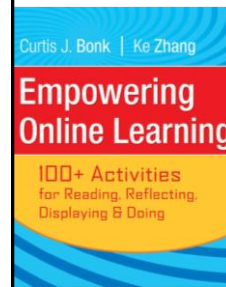
Which principle(s) of TEC-VARIETY will you use?

**Tone/Climate**  
**Encouragement, Feedback**  
**Curiosity**

**Variety**  
**Autonomy**  
**Relevance**  
**Interactive**  
**Engagement**  
**Tension**  
**Yields Products**



**Framework #2: The R2D2 Model**



**Read 1a. Collect and Listen to  
Interactive Stories**

(e.g., Meograph: <http://www.meograph.com/>)



**Reflect 2b.  
Interpreting Infographics**  
**July 24, 2014**

**Woman in Computer Science**

<http://graduatedegrees.online.njit.edu/mscs-resources/mscs-infographics/women-in-computer-science/>



### Display 3a. Virtualize Words Used (e.g., Wordle, Taggedo, Tagul, WordSift, Word It Out)

<http://shellyterrell.com/2010/02/14/12-word-cloud-resources-tips-tools/>



### Do 4b. Student Class Documentaries Umida's R546 Documentary Project

[http://www.youtube.com/watch?v=EMLTzqCV\\_5A](http://www.youtube.com/watch?v=EMLTzqCV_5A)



### Poll #6: Which do you prefer... (A) TEC-VARIETY or (B) R2D2?



#### What motivates?

1. Time/Climatic: Psychological Safety, Comfort, Sense of Belonging
2. Encouragement: Feedback, Responsiveness, Praise, Supports
3. Curiosity: Surprise, Inquire, Unlocks
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

### 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](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/blogs/technology/can-you-really-teach-a-mooc-in-a-refugee-camp/54331.html#sthash=5m0L000m>



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>



## Audience Poll #7:

**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>

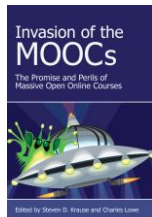
"This is about something bigger than MIT. I hope other universities will see us as educational leaders in this arena, and we very much hope that OpenCourseWare will draw other universities to do the same. We would be delighted if -- over time -- we have a world wide web of knowledge that raises the quality of learning -- and ultimately, the quality of life -- around the globe."



## 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](http://www.parlorpress.com/invasion_of_the_moocs)  
Free (PDF): [http://www.parlorpress.com/pdf/invasion\\_of\\_the\\_moocs.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.advancelearning.com/why-wait-for-others-to-fight-ebola>



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

## 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 World

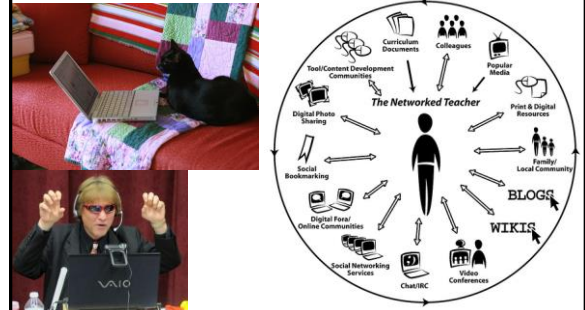
By Bonk, Lee, Reeves, & Reynolds

## MOOCs and Open Education Around the World

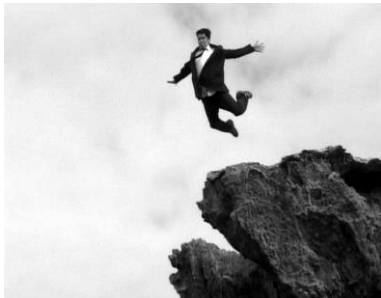
<http://routledge-ny.com/books/details/9781138807419/>



## The Web of Learning



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



### Framework #3: 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)



## Audience Participation!

**WE**

**ALL**

**LEARN!!!**



## How do you now view the instructor in this more Open World?



### Poll #8: Instructor as Counselor?



### Poll #9: Instructor as Course Ambassador?



### Poll #10: Instructor as Curator?



### Charles Wedemeyer Quote:

"It should be immaterial whether one has learned at the front door or the back door of the Palace of Learning. **What one has learned**—not where, or how, in what sequence, at what institution, or in what period of time—is the only criterion of supreme importance."  
(Charles Wedemeyer, 1981, p. 216)



**December 13, 2013**

**Former MIT president Charles M. Vest dies at 72**  
**As the Institute's leader from 1990 to 2004, he**  
**sparked a period of dynamism.**

Steve Bradt, MIT News Office

<https://web.mit.edu/newsoffice/2013/former-mit-president-charles-m-vest-dies-at-72-1213.html>



### Any Comments or Questions?

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**Dr. Curt Bonk – [CJBonk@Indiana.edu](mailto:CJBonk@Indiana.edu)**

