Learning is Changing Part I: MOOCs, E-Learning, The Open World, Translation and Interpreting Learning, and Beyond

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

The Problem with Learning Technology
Karen Wilcox, November 7, 2014, Chronicle of Higher Education

Poll #1: Read any good books lately?
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.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
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  

Looking to the Past...

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

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

May 10, 2013
10 ed-tech tools of the 70s, 80s, and 90s
eSchool News, Meris Stansbury  
http://www.eschoolnews.com/2013/05/10/10-ed-tech-tools-of-the-70s-80s-and-90s/print/
Took Correspondence & TV Courses
(thanks to Bob Clasen and Charles Wedemeyer, the University of Wisconsin)

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

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

Thirty Ways Learning is Changing...
(i.e., it’s more informal, video-based, ubiquitous, collaborative, self-directed, global, mobile, open, massive, etc.)

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

I. Learning is More Mobile
(e.g., mobile courses on smartphone)
April 2, 2015
Review: Samsung rises to challenge with Galaxy S6 and S6 Edge, Edward Baig, USA Today

April 9, 2015
I’ll Buy the Apple Watch, Ed Baig, USA Today

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-yours-t20786

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

II. Learning is More Flipped
January 7, 2015
When a Flipped-Classroom Pioneer Hands Off His Video Lectures, This Is What Happens, Jeffrey R. Young, The Chronicle of Higher Education
http://chronicle.com/article/When-a-Flipped-Classroom/151031/

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

III. Learning is More Video-Based
February 15, 2015
Lynda.com Excel Training, IU
IV. Learning is More Visual  
September 22, 2014  
110 Foot Engagement,  
Elliott Masie’s Learning 2014  

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

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-air2-fabulous-tablet-is-not-must-upgrade/17658295/

VII. Learning is More Immersive  
April 2, 2015  
The Quest to Put More Reality in Virtual Reality, Review: Samsung rises to challenge with Galaxy S6 and S6 Edge, Edward Baig, USA Today  

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

XI. Learning is More Direct from Experts
February 2, 2015
Here Comes Professor Everybody: The 'sharing economy' meets higher education,
Chronicle of Higher Education, Jeffrey R. Young
http://chronicle.com/article/Here-Comes-Professor-Everybody/151445/?cid=at

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

XII. Learning is More Synchronous
Dubai to Puerto Rico (Edgar Leon)
https://www.youtube.com/watch?v=Imxw0YwTh2Y&list=UUClhOjnvl1pEXd9Skviw

XIII. Learning is More Digital
October 23, 2014
New Amazon Kindle is a Voyage into eReader luxury, USA Today, Edward C. Baig

XIV. Learning is Resource Rich
March 22, 2015
Madagascar marvel: Divers find fossils of extinct giant lemurs
Daisy Carrington, for CNN, March 22, 2015

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 undervalued students. But online may not.
http://chronicle.com/article/College-On-Your-

Michelle 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-

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

Global Ed Issue of the Past Decade:
Free and Open Access to Education (e.g., OER, OCW, MOOCs)
For example, January 2014 MOOC on Climate Change, from the World Bank
https://www.coursera.org/courses/warmerworld
April 21, 2014
The Revolution Is Not Being MOOC-ized, Students are educated, employed, and male.
Gayle Christensen and Brandon Alcorn, UPenn, New Scientist
http://www.slate.com/articles/health_and_science/new_scientist/2014/03/mooc_survey_students_of_free_online_courses_are_educated_employed_and_male.html

Filipino youths go online at an Internet café in Manila on Feb. 18, 2014. Two-thirds of Coursera participants come from the developed world, according to a new report.

May 31, 2014
Revolutionizing online education
Professor creates courses tailored to cultural differences,
Korea JoongAng Daily, KIM BONG-MOON [bongmoon@joongang.co.kr]

Professor Auh Yoon-il of Kyung Hee Cyber University explains the upcoming Kyung Hee MOOC 2.0 in an interview with the Korea JoongAng Daily at Kyung Hee University on Wednesday. ("one culture" or ocMOOCs and hMOOCs)

Mobile Dictionaries

Online Language Learning
(e.g., 300,000 people per month listening to ChinesePod, co-hosted by Jenny Zhu, John Pasden)
https://chinesepod.com/
http://www.spanishpod101.com/
http://livemocha.com/
The Mixxer
Language Exchange for Everyone
http://www.language-exchanges.org/

Online Language Learning
Babbel
http://www.babbel.com/

The iTalki
https://www.italki.com/

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

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

January 23, 2015
Gates Newsletter
Learning is More Online
June 15, 2014
Starbucks offers workers 2 years of free college, CNN Money, Gregory Wallace (from Arizona State online programs)

XII. Learning is More Modifiable
Inside Look: Learning Spaces, Meeting classroom teaching and collaboration expectations, University Business, Feb. 22, 2013

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

XV. Learning is More Instantaneous
April 9, 2013
HER Computer fashions face social test: Can wearable computers fit in? Scott Martin, USA Today
(i.e., magnify moles or injuries, see vital signs, live stream surgeries, access previous PT sessions, access research and drug info, etc.)
http://www.fiercemobilehealthcare.com/story/google-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
January 8, 2015
Obama Plan Would Help Many Go to Community College Free
JULIE HIRSCHFELD DAVIS and TAMAR LEWIN, The New York Times

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/

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, May 26, 2015
Can You Really Teach a MOOC in a Refugee Camp?, Chronicle of Higher Education, Steve Kolowich

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

Online learning动机与激励：TEC-VARIETY 模型
——激励和留住在线学习者的 100 个活动
作者：Currie J Bonk & Elaine Kwon IU
Online Language Learning
BBC Learning English

Have some idioms for breakfast:

- I'm in trouble and I need some extra cash.
- You've got to butter up the client to make the deal.
- Don't put all your eggs in one basket.
- You broke the law?
- You've been!
- Wake up and smell the coffee.

http://www.duolingo.com/

Online Language Learning

DuoLingo

Have some idioms for breakfast:

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- You've been!
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Audience Poll #6:
I. Who remembers what they were doing on 9/11?
II. Who remembers what they were doing on April 4, 2001?

Charles Vest (April 4, 2001)

"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."

MIT OpenCourseWare (OCW)
http://ocw.mit.edu/index.htm

Translated Content

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

October 1, 2012: MOOC Students
4 Massive Open Online Courses and How They Work, Ben Gose, Chronicle of HE

Rajeev Bajpai, an airline pilot based in Mumbai, took an online computer-science course to gain programming skills.

Krissa Swain, of Knoxville, Tenn., is taking "Operations Management" online to help develop her management skills.

Global Health Initiatives
October 7, 2014
Online Mooc courses deliver Ebola health advice, BBC News, Sean Coughlan

Disinfecting a room in Monrovia, Liberia: Online courses are providing health advice 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 Ngeli. Mr. Ngeli, who lives in Port Harcourt, Nigeria, has completed and passed 250.

Jima Ngeli: “I had this unrelenting fear that this miracle of free access might evaporate soon.”

Reasons to explore?
Main Reason Explore the Web Informally to Learn
(MIT OCW Group; Note: Check all that apply)

Factors leading to success or personal change?
Factors Leading to Success or Personal Change When Exploring Online
(MIT OCW Group; Note: Check all that apply)
October 24, 2014
Raw: Facebook CEO dazzles with Mandarin, USA Today

Skills hoping to acquire?
Skills Would Like to Learn Online Informally (MIT OCW Group; Note: Check all that apply)

Experience life change?
Degree to Which Life Changed from Informal Online Learning
(Scale of 0 (Not at all) to 10 (Very Significantly); 5 = Moderately)
(MIT OCW Group; Note: Check all that apply)

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

September 16, 2013
Rwandan Degree Program Aims for a ‘University in a Box’, Chronicle of Higher Education, Megan O’Neil
http://chronicle.com/article/Rwandan-Degree-Program-Aims/141631/

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

October 6, 2014
High School Initiative
http://www.eschoolnews.com/2014/10/06/high-school-moocs-839/print/
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

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

The Web of Learning
We are entering a jumping off point...

The World is Open for Learning!
Dr. Jiao Jianli, Professor of Educational Technology, Director of Future Education Research Centre, Deputy Dean of School of Information Technology in Education, South China Normal University
http://jiao.blogbus.com

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

Audience Participation!

WE
ALL
LEARN!!!

Mystery of MOOCs:
Part III. 3 Types of MOOCs

MOOC Type #1.
Theory- or Trend-Driven MOOC
MOOC Type #2.
Remedial Course MOOC

MOOC Type #3.
Professional Development (PD) (practical) MOOC

Mystery of MOOCs:
Part IV. 3 MOOC Business Plans and Models

MOOC Business Model #1.
Advertisers Underwrite Courses and Degrees

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

MOOC Business Model #3.
Course Certificate or Assessment Fee
How do you now view the instructor in this more Open World?

From Instructor as Credit Manager...

To Instructor as Orchestra Conductor or Concierge?

And Instructor as Curator?

Mystery of MOOCs: Part V. Three MOOC Instructor Guidelines

MOOC Guide #1. Use Peer, Machine, Volunteer, and Self-Assessment
MOOC Guide #2.
Personalize Where Possible
Chuck Severance (U Michigan/Coursera) in Barcelona, Seoul, Manila, Melbourne, etc.
http://www.youtube.com/watch?v=3zNHygm8x8I

MOOC Guide #3.
Form Groups and Social Supports

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

Stop and Share:
Three Words from this Session!

Any Comments or Questions?
Try TEC-VARIETY...
Slides at: TrainingShare.com
Papers: PublicationShare.com
Free Book: http://tec-variety.com/
Dr. Curt Bonk – CJBonk@Indiana.edu