Learning is Changing: MOOCs, the Open World, and Beyond

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

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

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/

Looking to the Past...

Fast Forward 25+ Years...
“Anyone can now learn anything from anyone at any time.”
Part I. Learning is Changing
New Technologies = New Delivery Methods...

II. Learning is More Mobile
August 5, 2014
Timex enters smartwatch category. No phone needed, Edward C. Baig, USA Today,
http://www.usatoday.com/story/tech/columnist/baig/2014/08/05/timex-enters-smartwatch-category-no-phone-needed/13597331/

Audience Poll #2:
I. Who remembers what they were doing on 911?
II. Who remembers what they were doing on April 4, 2001?

III. Learning is More Open
(80-Year-Old WGU Texas Grad Keeps His Promise, November 30, 2012, Reeve Hamilton, Texas Tribune)

"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."
IV. Learning is More Informal  
October 13, 2013  
A Dozen Ways To Promote Informal Learning  
Chief Learning Officer, Saul Carliner  
(e.g., Open Study: http://openstudy.com/)

V. Learning is More Flipped  
August 1, 2014  
Get schools out of the 1890s, Newt Gingrich, CNN  

VI. Learning is More Video-Based  
October 15, 2014  
Videos: Performance Management  
How Disney Develops Culture, Chief Learning Officer Doug Lipp, former Disney University leader and author of "Disney U," discusses how Disney teaches employees to do their jobs and exude the company's culture.  
http://www.clomedia.com/media/videos/play/195

VII. Learning is More Visual  
Video Walls of Experts (IQ Wall)

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

IX. Learning is More Gesture-Based  
September 12, 2014  
Intel Says Laptops and Tablets with 3-D Vision Are Coming Soon  
Tom Simonite, MIT Technology Review
X. Learning is More Competency-Based

Hire Education: Mastery, Modularization, and the Workforce Revolution, Michelle R. Weise and Clayton M. Christensen, The Christensen Institute

http://www.christenseninstitute.org/publications/hire/

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

XI. Learning also is More Collaborative

May 16, 2014

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 sensing)


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

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 On Demand
May 5, 2014
Mobile MOOCs: New platform challenges conventional MOOCs
eCampus News (https://coursmos.com/)

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

XVIII. Learning is More Global
August 1, 2014
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 Synchronous
Dubai to Puerto Rico (Edgar Leon)
https://www.youtube.com/watch?v=Imxw0YwTh2Y&list=UUClhOjnvl1pEXd9Skv_Iw
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
Web Conferencing & Mentoring (e.g., Jabber, iMeet)
December 2013
XX. Learning is More Online
January 2014

June 15, 2014
Starbucks offers workers 2 years of free college, CNN Money, Gregory Wallace
(from Arizona State online programs)

XXI. 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

XXII. Learning is More Social
October 24, 2014
Facebook launches Rooms app for anonymous sharing of interests, USA Today, Jessica Guynn

XXIII. 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

XXIV. 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/
XXV. Learning is More Immersive
October 22, 2014
The Quest to Put More Reality in Virtual Reality,
Tom Simonite, MIT Technology Review

Introducing the FREE “TEC-VARIETY book…
http://tec-variety.com/

What motivates?
1. Tweak/Change: Psychological Safety, Commit, Sense of Belonging
2. Encouragement: Feedback, Recognition, Praise, Support
3. Can Do It: Concrete, Tangible, Curvilinear
4. Variety: Novelty, Fun, Finitive
5. Awareness: Divide, Control, Possibility, Opportunities
6. Freeform Setup: Curricular, Disseminating
7. Universality: Collaborative, Team-Based, Community
8. Flexibility: Tactile, Visual, Auditory, Kinesthetic
9. Feedback: Challenges, Observance, Controversy
10. Teaching Philosophy: Soul Sheen, Purposeful Voice, Ownership

XXVII. 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/Engineering/OpenKnowledge/Fall2014/about/

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

Big Data Visualization Tools
(Harvardx and MITx)
- World map of gender composition

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

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.

Building Talent Pipeline
Master’s Degree Is New Frontier of Study Online, August 17, 2013, The New York Times
By Tamar Lewin
http://www.nytimes.com/2013/08/17/education/master-degree-is-new-frontier-of-study-online.html?_r=1

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

XXVIII. Learning is More Web-Based
April 15, 2013
World will soon be “Webified”
Google boss: Entire world will be online by 2020, Doug Gross, CNN

The Web of Learning
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.”

We are entering a jumping off point…

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

Any Questions?

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