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

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## Audience Poll #1: Has learning technology has 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





May 10, 2013
10 ed-tech tools of the 70s, 80s, and 90s
eSchool News, Meris Stansbury
http://www.eschoolnews.com/2033/05/10/10-d-tech-tools-of-the-70s-80s-and-90s/print/



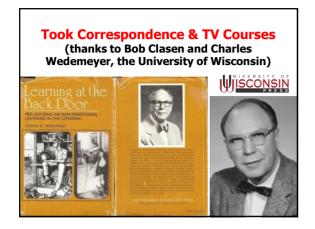


**Looking to the Past...** 



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

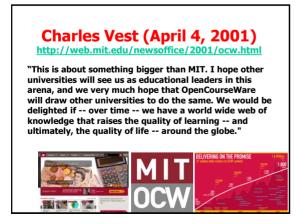


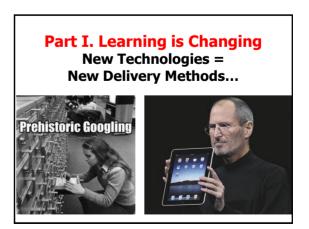


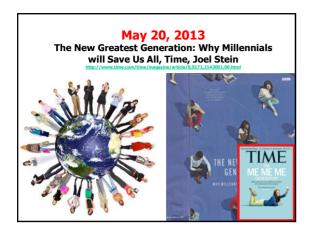












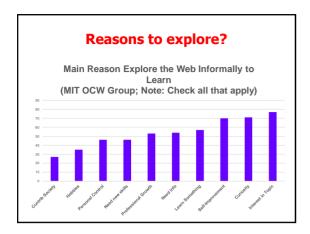














#### MIT Data: Self-Taught on Social Media

(21-30 year old unemployed female, North America)

At first my purpose was to fulfill boredom ...After graduating with a MS, I was faced with unemployment. I took the opportunity to read blogs, watch Youtube videos, and more to learn about blogging and social media. Since than I have become well versed in social media and other business topics and started a business... I decided not to pursue a PHD because I am learning a more rapid pace. Instead of spending 5 years in school, I can be flexible and work on what I am learning.

#### **MIT Data:**

#### **Prepares to Reenter University**

(41-50 year old male, Middle East)

Most interesting experience of my own was my use of MIT OCW to refresh on Calculus. I purchased the textbook and followed one of several calculus options on the site. This was quite successful in re-introducing Calculus, as a prep to re-entering college 28 years after graduation - this time to study for a Master's.



#### MIT Data: Retiree Develops New Hobby

(70+ year old female, North America)

I'm am avid photographer and have developed skills for developing my own website for display of my photography and books I have written that include my photographs...I've had multiple careers, from science, to public administration, and information technology. The development of my art is a new and exciting experience.

#### **Life Changing Example #1**

Yes. I plan to focus my Ph.D. research on alternative forms of learning (informal DIY) and credit (like open badges) and the changes higher ed and employers will have to make to accept these forms of credit.



#### **Life Changing Example #2**

It has made my job much easier and it's been easier for me to execute certain tasks, making me more willing to take on bigger challenges. It was also shown me how enjoyable it is to learn a computer language. It opened my mind to considering possibilities in this area. It also made my husband respect my ability around computers a bit more.





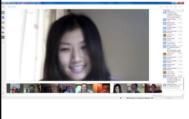


#### **Life Changing Example #3**

My life has changed in a big way. I used these new skills to create a small business that supplements my income. I couldn't use this income soley to support myself, but it does pay some bills.



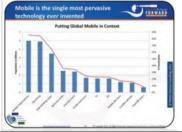
#### II. Learning also is More Collaborative Collaboration and Discussion in Google Hangouts or with iPad, Jan. 28, 2013 (Carrie Gong from Beijing Normal University)





#### III. Learning is More Mobile Brown, Keynote talk, "Learning in Hand With Mobile

Brown, Keynote talk, "Learning in Hand With Mobile Technology," Wisconsin Distance Teaching and Learning Conference, August 10, 2012





#### IV. Learning is More Video-Based

Adora Svitak, WFP Youth Representative - 2013

ECOSOC Youth Forum, March 27, 2013

Into tomorrow's Innovators: Exemploy, Editor, Schoologe, Innovation and culture for Enably's youth? Statement by the World Food Programme

"Shaping tomorrow's innovative: Loveraging science, Exchology, innovation and cultime for beday's youth," Statement by the World Food Programme Youth
Representative, Nh. Advan Souka et the 2013 ECOSOC Yealth From.

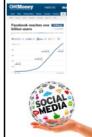
http://www.nh.no.org.needing.com/source



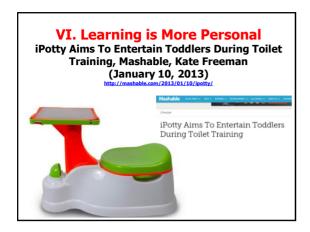


#### V. Learning is More Social

Facebook reaches one billion users, CNN Money, Aaron Smith, October 4, 2012



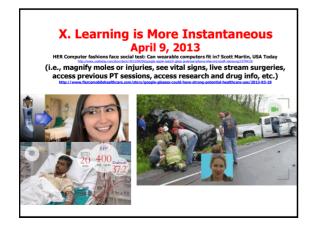






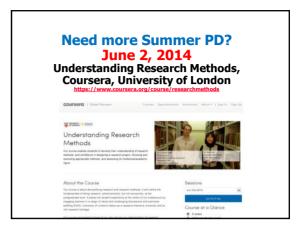






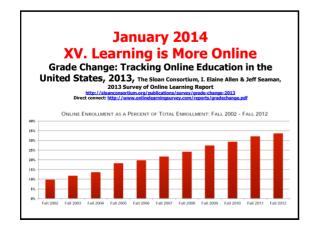










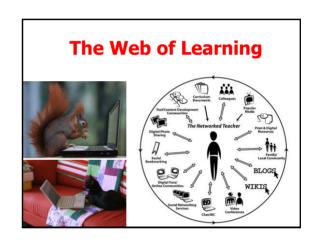












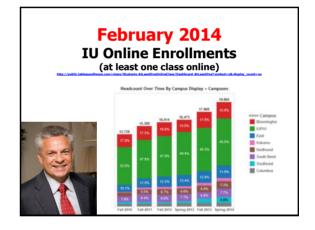


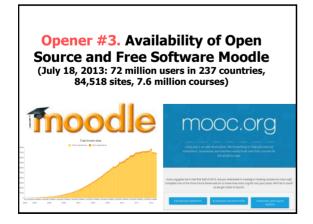












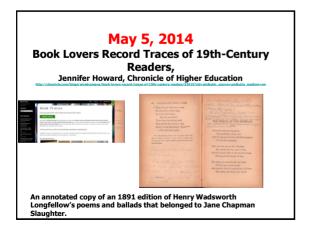


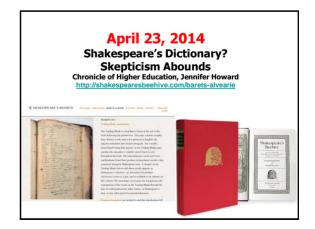
































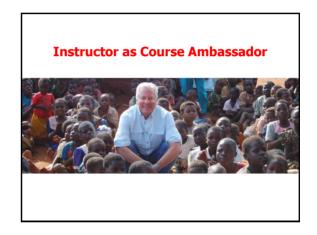


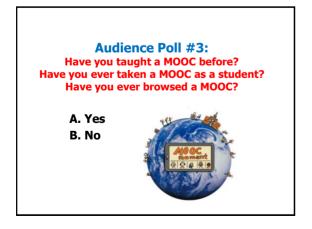


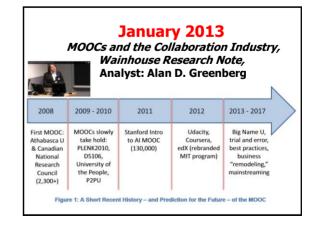












## Mystery of MOOCs: Part II. Some MOOC news from the past 2 years...



## November 2, 2012 The Year of the MOOC, New York Times, Laura Pappano,





Clockwise, from top left: an online course in circuits and electronics with an M.I.T. professor (edX); statistics, Stanford (Udacity); machine learning, Stanford (Coursera); organic chemistry, University of Illinois, Urbana (Coursera).

#### July 16, 2013

"Golden Era of Learning"
Bill Gates Discusses MOOCs at Microsoft
Research's Faculty Summit





#### October 31, 2013

The launch of OERu: Towards free learning opportunities for all students worldwide, BC Campus (Canada)

The launch of OERu: Towards free learning opportunities for all students worldwide





#### **September 16, 2013**

Rwandan Degree Program Aims for a 'University in a Box', Chronicle of Higher Education, Megan O'Neil



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.

#### January 23, 2013: The Bush MOOC Party?

Academic Partnerships Launches MOOC2Degree Initiative Free, Open Online Courses As A First Step Toward A Degree http://www.mooc2degree.com/





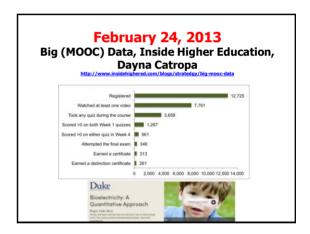


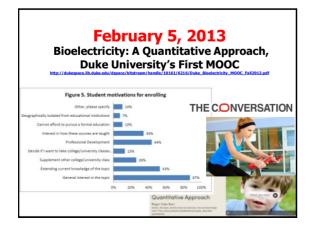


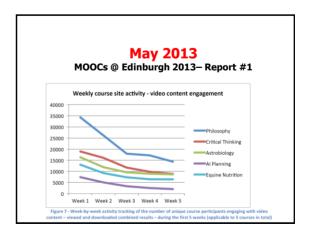




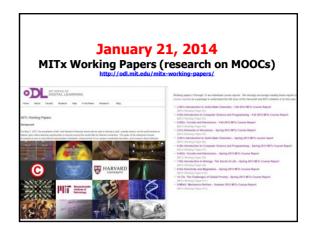
















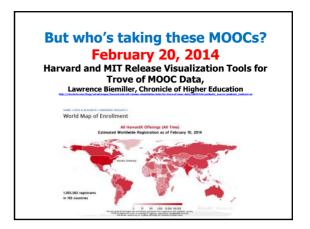




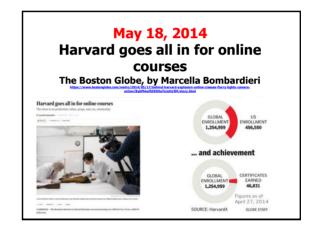
### Audience Poll #4: Why would you take a MOOC?

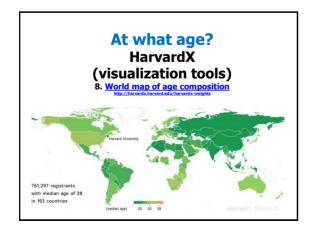
A = For fun
B = To get credit
C = To learn something new
D = Curious about it
E = See if you like a topic

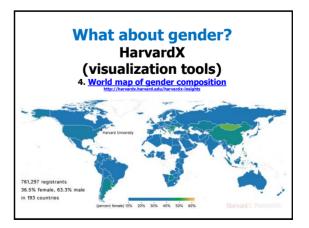


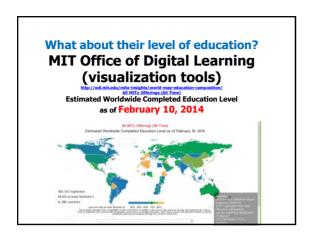


# Where are they located? MIT Office of Digital Learning (visualization tools) http://odl.mit.edu/mitx-insights/world-map-enrollment/ All MITX Offerings (All Time) Estimated Registration by Country as of February 10, 2014

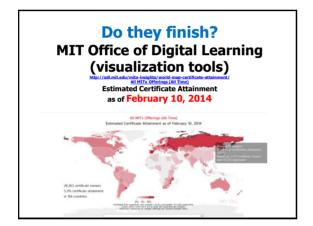


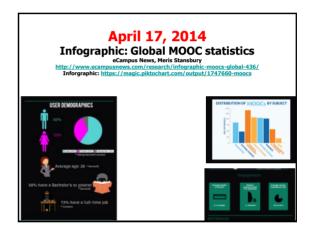


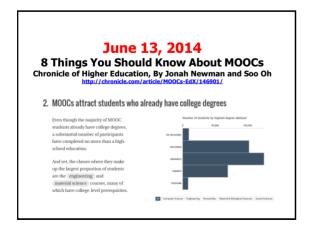


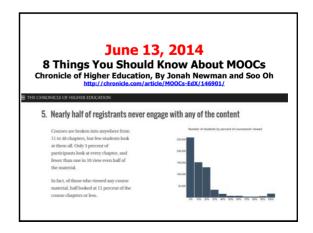


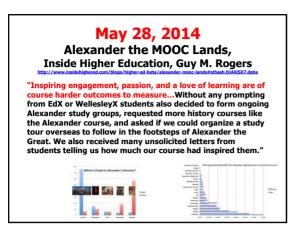
# April 21, 2014 The Revolution Is Not Being MOOC-ized, Students are educated, employed, and male. Gayle Christensen and Brandon Alcorn, UPenn, New Scientist Filipino youths go online at an Internet café in Manila on Feb. 18, 2014. Two-thirds of Coursera participants come from the developed world, according to a new report.





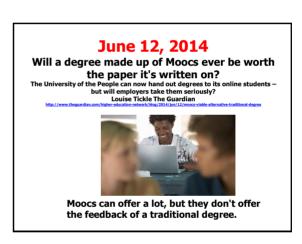


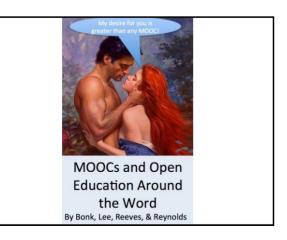


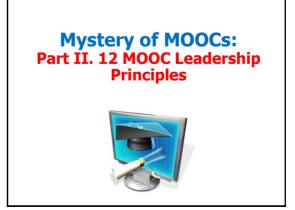




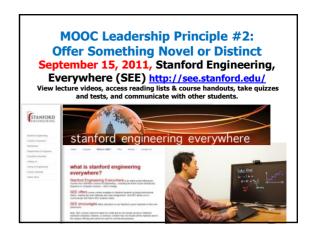


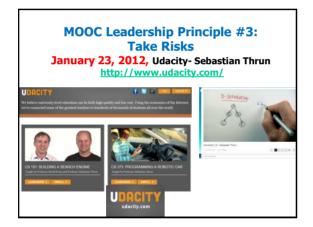






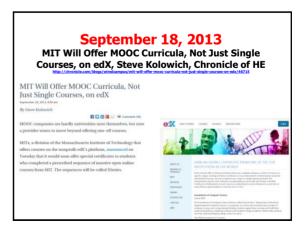


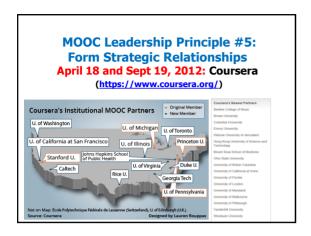






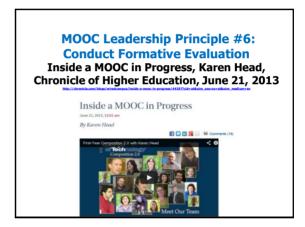


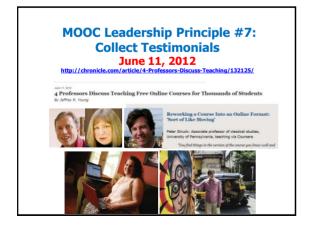












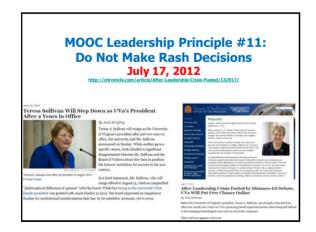


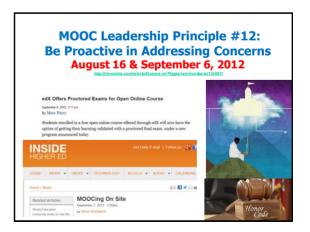




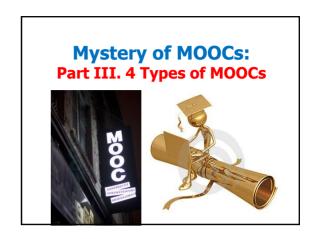


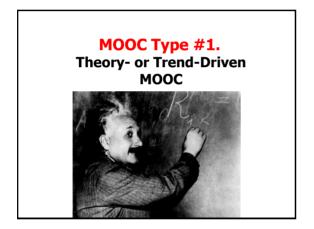


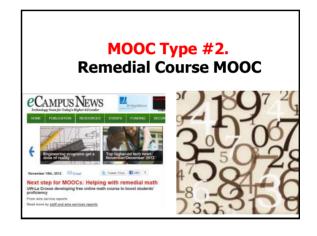


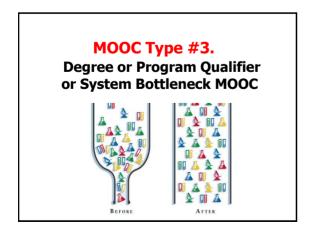


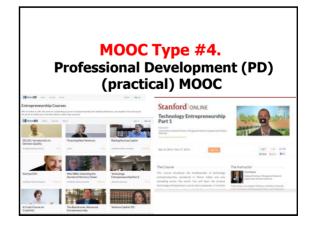


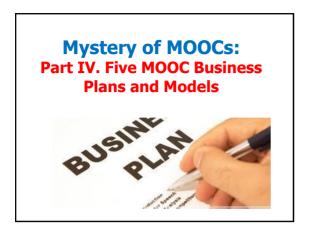


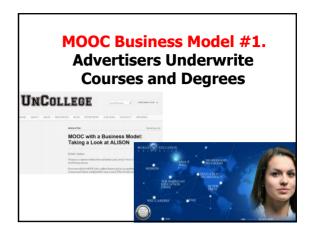










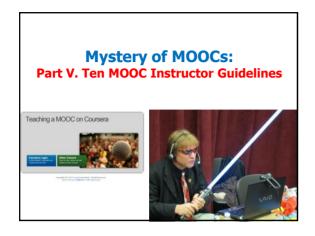


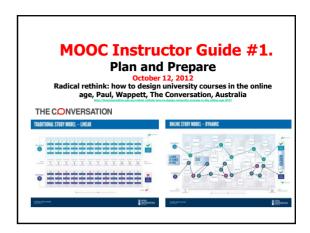


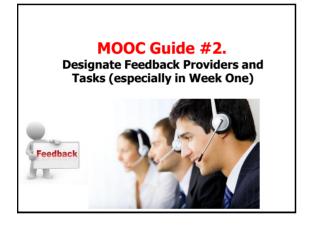


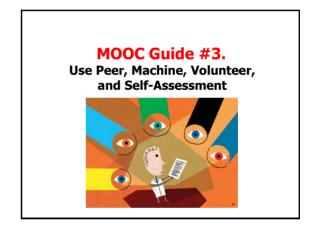


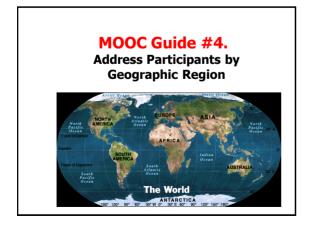




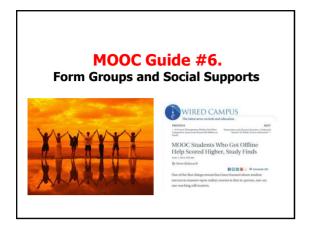


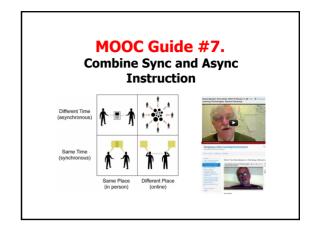




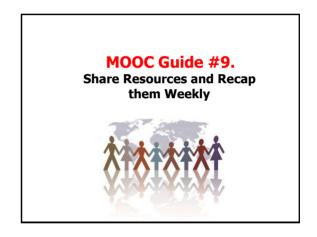


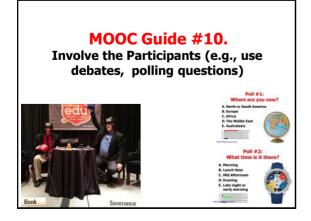


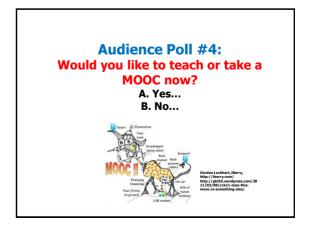


















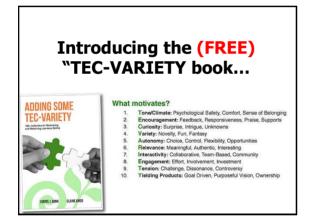


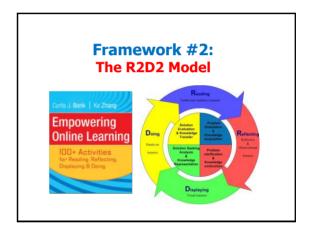












Stop and Share:
Three Words
from this
Session!

