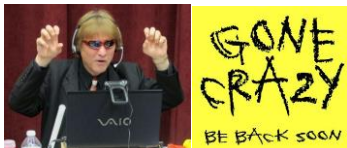


Learning is Changing: MOOCs, The Open World, and Beyond

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



Audience Poll #1:

Has learning technology 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/2013/05/10/10-ed-tech-tools-of-the-70s-80s-and-90s/print/>



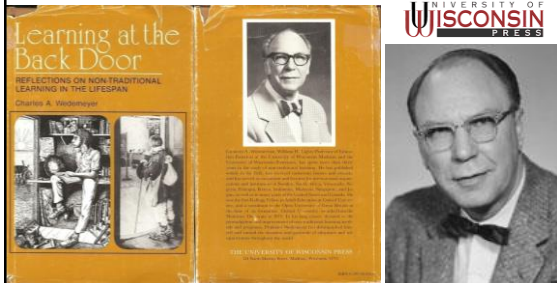
Looking to the Past...



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



Took Correspondence & TV Courses (thanks to Bob Clasen and Charles Wedemeyer, the University of Wisconsin)



Knowledge Navigator (1987) Apple Computer

<http://www.youtube.com/watch?v=hb4Aaf6wEoc>



Fast Forward 25+ Years... "Anyone can now learn anything from anyone at any time."



Audience Poll #2:

- 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."



Part I. Learning is Changing New Technologies = New Delivery Methods...



I. Learning is More Open

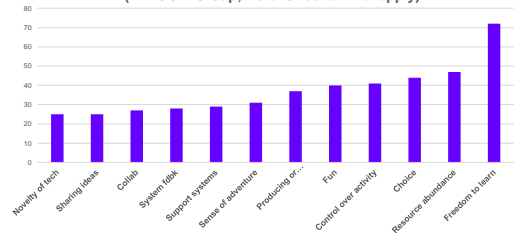
(80-Year-Old WGU Texas Grad Keeps His Promise,
November 30, 2012, Reeve Hamilton, Texas Tribune)

THE TEXAS TRIBUNE
An 80-Year-Old Graduate With an Online Marketing
Degree Kept His Promise



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)



MIT Data (example #1):

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 then 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 (example #2):

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 (example #3):

Retiree Develops New Hobby

(70+ year old female, North America)

I'm an 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 #4

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 #5

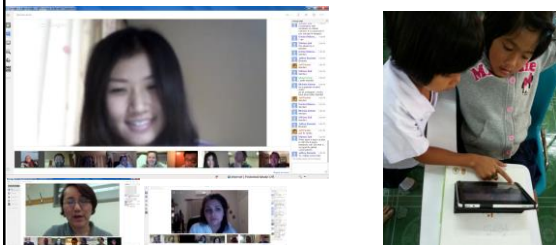
My life has changed in a big way. **I used these new skills to create a small business** that supplements my income. I couldn't use this income solely to support myself, but it does pay some bills.



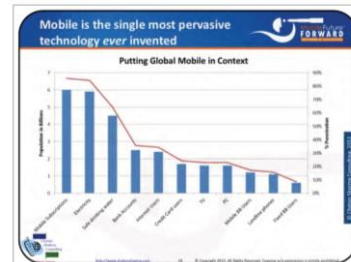
The World is very open! (In Chulalongkorn Univ, March 10, 2014)



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



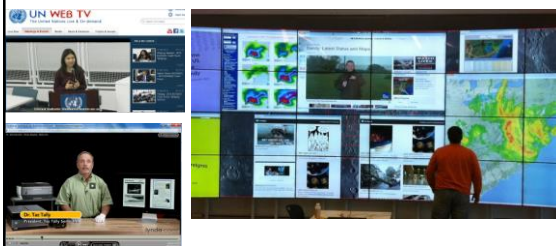
III. Learning is More Mobile Brown, Keynote talk, "Learning in Hand With Mobile Technology," Wisconsin Distance Teaching and Learning Conference, August 10, 2012



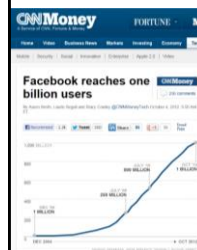
IV. Learning is More Video-Based Adora Svitak, WFP Youth Representative - 2013 ECOSOC Youth Forum, March 27, 2013

"Shaping tomorrow's innovations: Leveraging science, technology, innovation and culture for today's youth", Statement by the World Food Programme Youth Representative, Ms. Adora Svitak at the 2013 ECOSOC Youth Forum.

<http://webtv.un.org/meetings-events/economic-and-social-council/infocentre/meetings/aweb/adora-svitak-wfp-youth-representative-2013-ecosoc-youth-forum-shaping-tomorrow-innovations-science-technology-innovation-and-culture-for-today-youth/2427872625581>



V. Learning is More Social Facebook reaches one billion users, CNN Money, Aaron Smith, October 4, 2012



VI. Learning is More Personal

iPotty Aims To Entertain Toddlers During Toilet Training, Mashable, Kate Freeman (January 10, 2013)

<http://mashable.com/2013/01/10/ipotty/>



Mashable
Lifestyle
iPotty Aims To Entertain Toddlers During Toilet Training

VII. 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>



VIII. Learning is More Comfortable

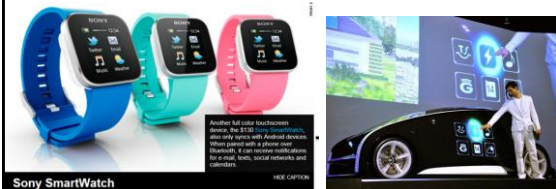
Design for Students, with Students, "Hub Central", the \$42 million University of Adelaide learning hub opened in October 2011, May 8, 2012, Mike Roberts

<http://designbuildsource.com.au/design-for-students-with-students>



IX. Learning is More Ubiquitous

Flexible displays bend what's possible for computers, Jon Swartz, USA Today (May 4, 2012)



Sony SmartWatch

REUTERS

X. 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.)

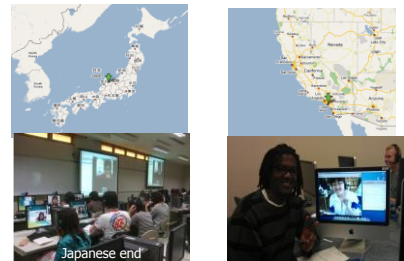
<http://www.hereonablehealthcare.com/story/google-glasses-could-have-20-100-potential-healthcare-uses/2012-02-18>



XI. Learning is More Global

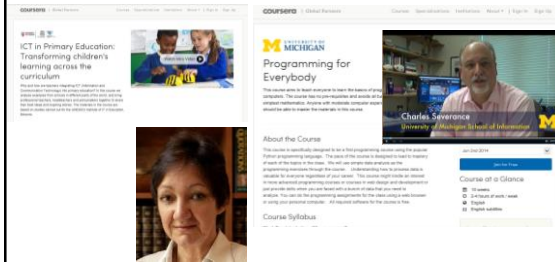
UC Irvine (2013 report)

Example 3: Fundamentals of Japanese

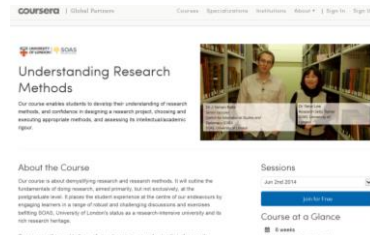


Japanese end

XII. Learning is More Massive (Sample Courses below May/June 2014)



Need more Summer PD? June 2, 2014 Understanding Research Methods, Coursera, University of London <https://www.coursera.org/course/researchmethods>



XIII. Learning is More Technology-Based

DataWind Prepared \$20 Tablet Computer for Indian Market

Jan 30, 2013 at 10 AM EST

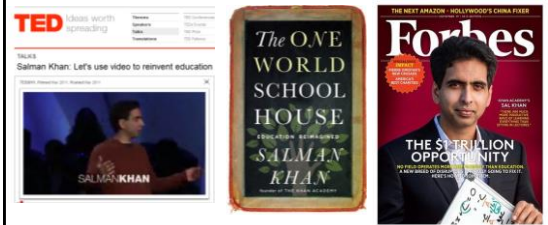
A Canada-based company believes it can revolutionize education in India by rolling out a \$20 tablet computer.

Facebook 125 | Twitter 275 | LinkedIn 140 | StumbleUpon 10 | Dribbble 5 | SoundCloud 1

What can you buy for \$20? A lunch for two? A new shirt? A few groceries? For India's 220 million schoolchildren, \$20 may soon buy a tablet computer.



IXV. Learning is More Flipped One Man, One Computer, 10 Million Students: How Khan Academy Is Reinventing Education, Forbes, November 19, 2013, Michael Noer <http://www.forbes.com/sites/michaelnoer/2013/11/02/one-man-one-computer-10-million-students-how-khan-academy-is-reinventing-education/> The One World Schoolhouse (Twelve, Oct. 2, 2012)



January 2014 XV. Learning is More Online Grade Change: Tracking Online Education in the United States, 2013, The Sloan Consortium, I. Elaine Allen & Jeff Seaman, 2013 Survey of Online Learning Report and 2014 data from Indiana University <http://sloanconsortium.org/publications/survey/grade-change-2013> Direct connect: <http://www.onlinelearningreport.com/reports/gradechange.pdf>



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."

April 15, 2013
World will soon be "Webified"
 Google boss: Entire world will be online by 2020,
 Doug Gross, CNN

http://www.cnn.com/2013/04/15/tech/web-eric-schmidt-internet/index.html?hpt=hp_13

Google boss: Entire world will be online by 2020



September 2013
Google Wi-Fi from the Sky,

Steven Levy, pp. 126-131, Wired

<http://www.wired.com/gadqetlab/2013/08/googlex-project-loon/>



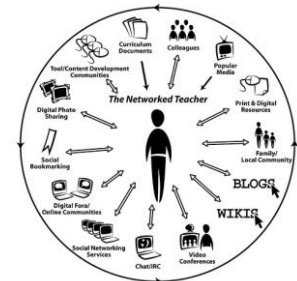
Google X chief Astro Teller (left) and Project Loon's first leader, Rich DeVaul, holding the system's ground-based antennas.

March 30, 2014
All Things Drones, CNN
 Facebook unveils technology to bring the internet to everyone. CNN's Ralitsa Vassileva reports.)

<http://www.cnn.com/video/data/2.0/video/tech/2014/03/30/vassileva-facebook-drones.cnn.html>



The Web of Learning



We are entering a jumping off point...



Framework #1: 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!!!



Opener #1. Web Searching (e.g., Google, MSN, Yahoo!) in the World of e-Books (i.e., Darwin, Shakespeare, etc.)



Opener #2. E-Learning and Blended Learning



Why I spent 10th grade online



Opener #3. Availability of Open Source and Free Software Moodle (July 18, 2013: 72 million users in 237 countries, 84,518 sites, 7.6 million courses)



Opener #4. Leveraged Resources and OpenCourseWare (OCW) (e.g., free courses from Harvard Edx, MITx, CORE, OOPS)

Saylor.org: <http://www.saylor.org/>
RedHoop: <http://redhoop.org/>



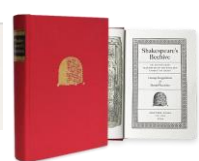
OOPS
OOPS! Opensource OpenCourseware Prototype System
The Foundation of Fantasy Culture and Arts

Opener #5. Online Learning Object Repositories and Portals (shared content)

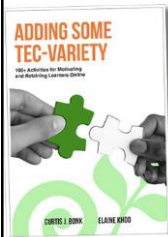
April 23, 2014

Shakespeare's Dictionary? Skepticism Abounds,
Chronicle of Higher Education, Jennifer Howard

<http://chronicle.com/article/Shakespeare-s-Dictionary/223446>



Speaking of OER... Introducing the (FREE) "TEC-VARIETY book...(May, 2014)



What motivates?

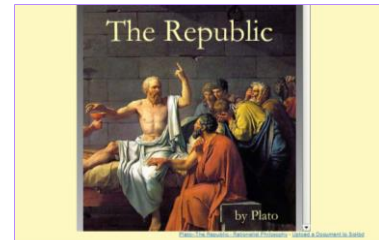
1. Tone/Climate: Psychological Safety, Comfort, Sense of Belonging
2. Encouragement: Feedback, Responsiveness, Praise, Supports
3. Curiosity: Surprise, Intrigue, Unknowns
4. Variety: Novelty, Fun, Fantasy
5. Autonomy: Choice, Control, Flexibility, Opportunities
6. Relevance: Meaningful, Authentic, Interesting
7. Interactivity: Collaborative, Team-Based, Community
8. Engagement: Effort, Involvement, Investment
9. Tension: Challenge, Dissonance, Controversy
10. Yielding Products: Goal Driven, Purposeful Vision, Ownership



Opener #6. Learner Participation in Open Information Communities (e.g., Wikipedia, YouTube, Scribd)



WIKIPEDIA
The Free Encyclopedia



Opener #7. Electronic Collaboration and Interaction (synchronous & asynchronous)

March 26, 2014, By Stephen Noonoo, THE Journal

<http://thejournal.com/article/2014/03/26/global-collaboration-projects-that-go-way-beyond-skype.aspx>

Collaboration & Social Networking | Feature

Global Collaboration Projects that Go Way Beyond Skype

Here's how one program is engaging Web 2.0 skills to bridge cultures and classrooms — one project at a time.

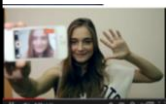


Opener #8. Alternate Reality Learning (Online Massive Gaming, Simulations, and Virtual Worlds; e.g., Second Life)



Opener #9. Real-Time Mobility and Portability (e.g., iPhone, iPads, smart watches, mobile MOOCs (May 5, 2014))

<http://www.campuswire.com/top-news/new-platform-challenges-conventional-moocs/print/>



The Samsung Galaxy Gear smartwatch



Opener #10. Networks of Personalized Learning (Blogs, Podcasts, Facebook, and RSS feeds, etc.)



Audience Poll #3:

Have you taught a MOOC? (Yes, No)
Have you ever taken a MOOC? (Yes, No)
Have you ever browsed a MOOC? (Yes, No)



Mystery of MOOCs: Part II. Some MOOC news from the past year...



May 6, 2013

Faculty Backlash Grows Against Online Partnerships
Chronicle of Higher Education, Steve Kolowich

<http://chronicle.com/article/Faculty-Backlash-Grows-Against/139049/>

May 6, 2013
Faculty Backlash Grows Against Online Partnerships



Michael Sandel, a Harvard professor, taught an online course that has since been used by philosophy professors to ease in place of their own instruction. They said so.

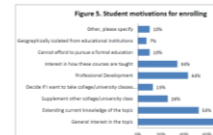
By Steve Kolowich

May 2013 and February 2013
MOOCs @ Edinburgh 2013— Report #1
Duke Bioelectricity

http://dukebioelectricity.duke.edu/department/2013/05/21/duke_bioelectricity_MOOC_Feb2013.pdf



Figure 1: Weekly course site activity (video content engagement) for five weeks. The y-axis represents the number of unique course participants engaging with video content. The x-axis represents the week of the course. The lines represent the five categories of video content.



June 19, 2013

2013 was "The Year of the Anti-MOOC"
George Siemens, UW-Madison Summit

<http://globalhighered.wiredcampus.com/european-mooc-in-global-context/>



July 16, 2013

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

http://chronicle.com/article/A-Conversation-With-Bill-Gates/1325917?cid=st&utm_source=st&utm_medium=en

On the Meaning of MOOCs
"I've thought fairly hard in a high school degree. It's a professional degree."



WIRED CAMPUS
The latest news on tech and education.

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

PHOTOGRAPH BY: [Name]

August 8, 2013

The MOOC 'Revolution' May Not Be as Disruptive as Some Had Imagined

Steve Kolowich, Chronicle of Higher Ed

http://chronicle.com/article/MOOCs-May-Not-Be-So-Disruptive/149965/?cid=at&utm_source=at&utm_medium=en

August 8, 2013

The MOOC 'Revolution' May Not Be as Disruptive as Some Had Imagined

By Steve Kolowich



In California, the MOOC revolution came to a halt unceremoniously.

Sen. Darrell Steinberg, the leader of the State Senate, quietly decided to put his online education bill on the back burner last month. The bill, introduced with fanfare in March, originally aimed to push public universities

to reduce where only self-motivated, Web-savvy people sign up, and the measure risks 10 percent, doesn't offer me quite yet as a solution to the problems of higher education," says Steinberg. Photo: Image

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 31, 2013

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

<http://bccampus.ca/2013/10/31/the-launch-of-oeru-towards-free-learning-opportunities-for-all-students-worldwide/>

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

October 31, 2013

Imagine anyone in the world having access to world-class education. That's exactly what is now possible. The launch of OERu marks a transition from an innovative program of accessible OERu study.



The official launch takes place on Oct. 31 at the University of British Columbia. The OERu launch is a free, open, and accessible program of accessible OERu study.

**January 21, 2014**

MITx Working Papers (research on MOOCs)

<http://odl.mit.edu/mitx-working-papers/>

MIT OFFICE OF DIGITAL LEARNING

Working papers 1 through 12 are individual course reports. We strongly encourage visiting from reports. Course reports are a pathway to understand the full story of the OpenWare and MITx initiatives in this year.

- 2.001 Introduction to Solid State Chemistry - Fall 2012 MITx Course Report
- 6.001 Introduction to Computer Science and Programming - Fall 2012 MITx Course Report
- 6.002 Circuits and Electronics - Fall 2012 MITx Course Report
- 6.003 Elements of Structures - Spring 2012 MITx Course Report
- 6.004 Introduction to Solid State Chemistry - Spring 2012 MITx Course Report
- 6.005 Circuits and Electronics - Spring 2012 MITx Course Report
- 6.006 Circuits and Electronics - Spring 2012 MITx Course Report
- 6.007 Introduction to Solid State Chemistry - Spring 2012 MITx Course Report
- 6.008 Circuits and Electronics - Spring 2012 MITx Course Report
- 6.009 Circuits and Electronics - Spring 2012 MITx Course Report
- 6.010 Circuits and Electronics - Spring 2012 MITx Course Report
- 6.011 Circuits and Electronics - Spring 2012 MITx Course Report
- 6.012 Circuits and Electronics - Spring 2012 MITx Course Report
- 6.013 Circuits and Electronics - Spring 2012 MITx Course Report
- 6.014 Circuits and Electronics - Spring 2012 MITx Course Report
- 6.015 Circuits and Electronics - Spring 2012 MITx Course Report
- 6.016 Circuits and Electronics - Spring 2012 MITx Course Report
- 6.017 Circuits and Electronics - Spring 2012 MITx Course Report
- 6.018 Circuits and Electronics - Spring 2012 MITx Course Report
- 6.019 Circuits and Electronics - Spring 2012 MITx Course Report
- 6.020 Circuits and Electronics - Spring 2012 MITx Course Report

April 27, 2014

Coursera, Global Translator Community, Chronicle of Higher Education

<https://www.coursera.org/about/translate>

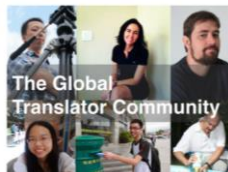
Coursera Seeks to Create a 'Global Translator Community'

Bring a great education to the world. Join the Global Translator Community.

Sign up

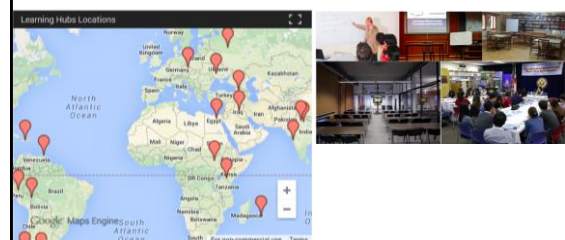
The Global Translator Community (GTC) is a community of volunteers and partner organizations working to make great educational content accessible across geographic and linguistic boundaries. GTC participants work together to translate top courses on Coursera into their native languages.

Join the GTC >
Meet our translators >

**April 30, 2014**

Coursera Learning Hubs

<https://www.coursera.org/about/programs/learningHubs>



Moocs can offer a lot, but they don't offer the feedback of a traditional degree.

By Bonk, Lee, Reeves, & Reynolds



MITx, a division of the Massachusetts Institute of Technology that offers courses on the nonprofit edX's platform, [announced](#) on Tuesday that it would soon offer special certificates to students who completed a prescribed sequence of massive open online courses from MIT. The sequences will be called XSeries.

Coursera's Institutional MOOC Partners

Legend:
 Original Member (Orange)
 New Member (Dark Blue)

Universities marked as Original Members (Orange):
 U. of Washington
 U. of California at San Francisco
 Stanford U.
 Caltech
 U. of Michigan
 U. of Illinois
 U. of Virginia
 U. of Pennsylvania

Universities marked as New Members (Dark Blue):
 Johns Hopkins School of Public Health
 Princeton U.
 Duke U.
 Georgia Tech
 Rice U.

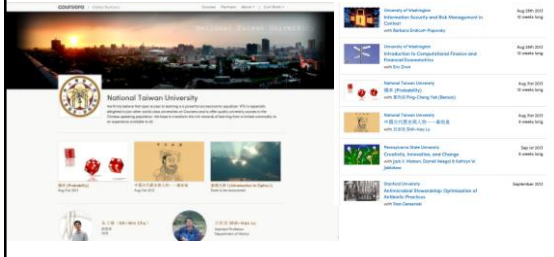
Coursera's Newest Partners:
 Swinburn College of Music
 Brown University
 Columbia University
 Emory University
 University of Amsterdam
 Hong Kong University of Science and Technology
 Mount Sinai School of Medicine
 Ohio State University
 University of California
 University of California at Irvine
 University of Florida
 University of Maryland
 University of Melbourne
 University of Pittsburgh
 Vanderbilt University
 Wisconsin University

Not on Map: École Polytechnique Fédérale de Lausanne (Switzerland), U. of Edinburgh (UK)

Source: Coursera
 Designed by Lauren Rouppas

Coursera List of Courses National Taiwan University

<https://www.coursera.org/taiwan>

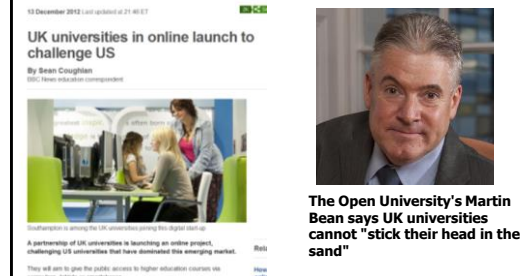


The screenshot shows the National Taiwan University Coursera page. It features a header with the university's name and a list of courses. The courses are listed with their titles, instructors, and start dates. The list includes:

- University of Management Science and Technology (UMS) - Aug 2012
- University of Management Science and Technology (UMS) - Aug 2012
- National Taiwan University (NTU) - Aug 2012
- National Taiwan University (NTU) - Aug 2012
- National Taiwan University (NTU) - Aug 2012
- National Taiwan University (NTU) - Aug 2012
- National Taiwan University (NTU) - Aug 2012
- National Taiwan University (NTU) - Aug 2012
- National Taiwan University (NTU) - Aug 2012
- National Taiwan University (NTU) - Aug 2012

December 13, 2012 UK universities in online launch to challenge US, BBC News, Sean Coughlan

<http://www.bbc.co.uk/news/education-20697792>



The screenshot shows a BBC News article titled "UK universities in online launch to challenge US". The article is dated 13 December 2012 and is written by Sean Coughlan. It features a photo of Martin Bean, the Open University's vice-chancellor, and a quote from him: "The Open University's Martin Bean says UK universities cannot 'stick their head in the sand'". The article discusses the launch of online courses by UK universities to challenge the US market.

MOOC Leadership Principle #5: Collect Testimonials

June 11, 2012

<http://chronicle.com/article/4-Professors-Discuss-Teaching/132125/>

June 11, 2012
4 Professors Discuss Teaching Free Online Courses for Thousands of Students
By Jeffrey R. Young

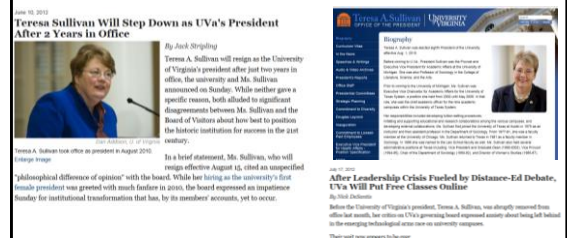


The screenshot shows an article titled "4 Professors Discuss Teaching Free Online Courses for Thousands of Students" by Jeffrey R. Young. It features a photo of four professors and a quote from Peter Struck, an associate professor of classical studies at the University of Pennsylvania, who is teaching via Coursera. The article discusses the challenges and benefits of teaching free online courses.

MOOC Leadership Principle #6: Do Not Make Rash Decisions

July 17, 2012

<http://chronicle.com/article/After-Leadership-Crisis-Fueled/132917/>

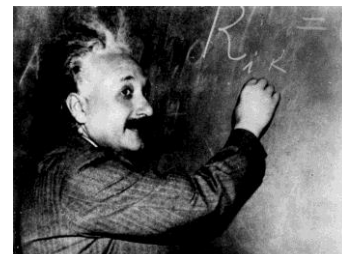


The screenshot shows an article titled "After Leadership Crisis Fueled by Distance-Ed Debate, UVA Will Put Free Classes Online" by Jack Stimpert. It features a photo of Teresa A. Sullivan, the University of Virginia's president, and a quote from her: "In a brief statement, Ms. Sullivan, who will resign effective August 15, cited an unspecified 'philosophical difference of opinion' with the board." The article discusses the challenges of teaching free online courses and the University of Virginia's decision to put free classes online.

Mystery of MOOCs: Part III. Types of MOOCs



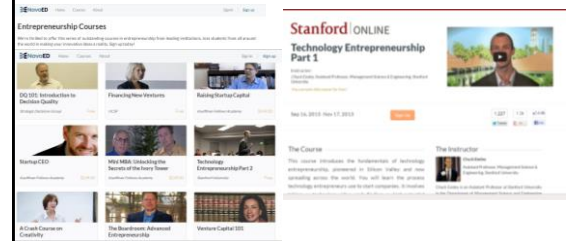
MOOC Type #1. Theory- or Trend-Driven MOOC



MOOC Type #2. Remedial Course MOOC



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



Mystery of MOOCs: Part IV. Sample 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

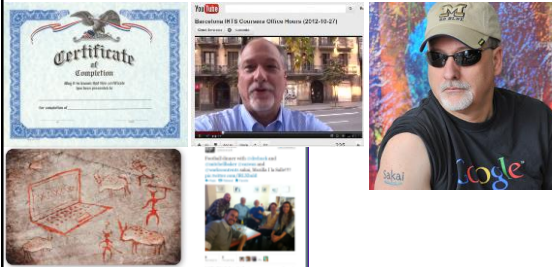


MOOC Business Model #3. Course Assessment Fee

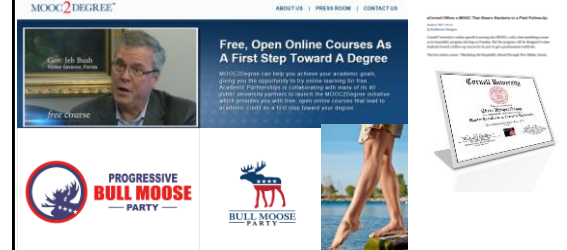


MOOC Business Model #4. Certificate Fee (with sticker)

<https://twitter.com/drchuck/status/262423228717355009/photo/1>



MOOC Business Model #5. Free Entryway Course



Mystery of MOOCs: Part V. Ten MOOC Instructor Guidelines



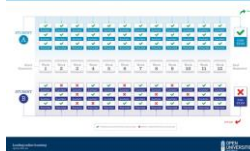
MOOC Instructor Guide #1. Plan and Prepare

October 12, 2012

Radical rethink: how to design university courses in the online age, Paul, Wappett, The Conversation, Australia

THE CONVERSATION

TRADITIONAL STUDY MODEL - LINEAR



ONLINE STUDY MODEL - DYNAMIC



MOOC Guide #2. Designate Feedback Providers and Tasks (especially in Week One)



MOOC Guide #3. Use Peer, Machine, Volunteer, and Self-Assessment



MOOC Guide #4.

Personalize Where Possible

Chuck Severance (U Michigan/Coursera) in Barcelona, Seoul, Manila, Melbourne, etc.
<http://www.youtube.com/watch?v=JzNHvSv8Tl>



MOOC Guide #5.

Form Groups and Social Supports



MOOC Guide #6.

Share Resources and Recap them Weekly



Audience Poll #4:

Would you like to teach or take a MOOC now?

A. Yes...

B. No...

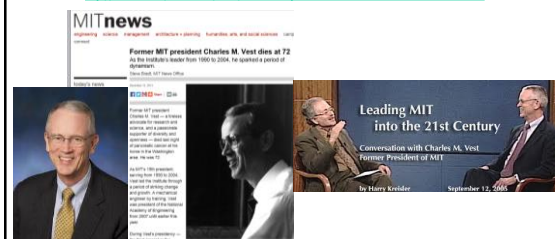


December 13, 2013

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

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



Any Questions?

Try TEC-VARIETY...

Slides at: TrainingShare.com

Papers: PublicationShare.com

Book: <http://tec-variety.com/>

Dr. Curt Bonk – CJBonk@Indiana.edu

