

Taking Leadership in Mystery of MOOCs and the Mass Movement toward Open Education

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



**I want to thank people
 for showing me around!**



Part #1: Learning is Changing... Through Open Ed, OCW, & MOOCs



Audience Poll #1:

**Has learning technology has ever
 transformed your life.**



Learning is Changing...

(i.e., it's more informal, video-based,
 ubiquitous, collaborative, self-directed,
 global, mobile, open, massive, etc.)

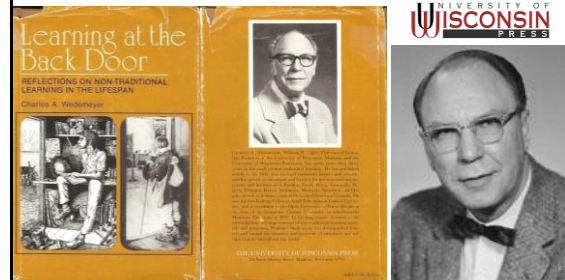


Frank Basile, an aircraft technician, took an MITx course on circuits and electronics to increase his knowledge.



Joe Alfonso, a financial adviser from Oregon, is taking the online finance course as a "refresher."

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



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



The World is very open! (In Pattaya, Thailand Saturday March 8th)



The World is very open! (in Bangkok, Thailand Sunday, March 9th)



The World is very open! (In Chulalongkorn University Monday, March 10th)



The World is very open! (At Thailand Cyber University Monday night)



The World is very open! (at Suan Dusit Rajabhat University Tuesday, March 11th)



The World is very open!

(in Ho Chi Minh City, Vietnam, Wednesday
March 12th)



The World is very open!

(in Ho Chi Minh City, Vietnam, Wednesday
March 12th)



The World is very open!

(in Ho Chi Minh City, Vietnam, Wednesday
March 12th)



The World is very open!

(in Hoi An, Vietnam, Thursday March 13th)



The World is very open!

(in Hue, Vietnam, Thursday March 13th)



The World is very open!

(in Hue, Vietnam, Friday March 14th)



The World is very open!

(in Hue, Vietnam, Friday March 14th)



The World is very open!

(in Hue, Vietnam, Friday March 14th)



The World is very open!

(in Hue, Vietnam, Friday March 14th)



The World is very open!

(in Hue, Vietnam, Friday March 14th)



The World is very open!

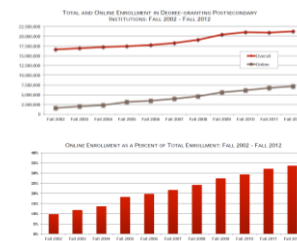
(in Bangkok at IPST, Tuesday March 18th)



January 2014

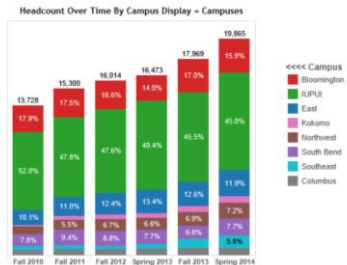
II. Learning is More Online

Grade Change: Tracking Online Education in the United States, 2013, The Sloan Consortium, I. Elaine Allen & Jeff Seaman, 2013 Survey of Online Learning Report
<http://sloanconsortium.org/publications/survey/grade-change-2013>
 Direct connect: <http://www.onlinelearningurvey.com/reports/gradechange.pdf>

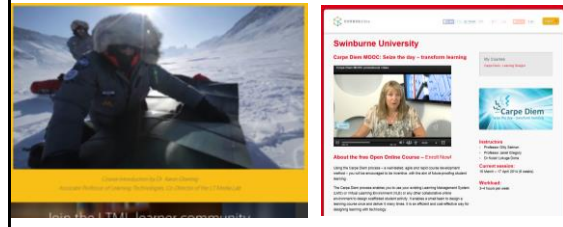


February 2014 IU Online Enrollments (at least one class online)

http://online.iuhawaii.edu/online/Students/AllCampusOnlineClass/Dashboard/AllCampusOnlineClassDisplay_count.htm



January 2014 III. Learning is More Massive Designing for Experiences: Principles for Technology Transformation, Aaron Doering, U of Minnesota <http://lt.umn.edu/nexted/>



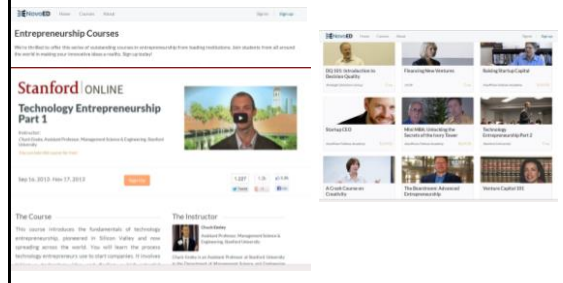
August 5, 2013 Free Online Higher Education: 5 Best MOOCs By Kannan Sankaran, Epoch Times

<http://www.theepochtimes.com/n3/229640-5-best-moocs-for-free-online-higher-education/>

MOOC at UPenn; Recession Fuels Explosion of Online Learning
<http://on.aol.com/video/recession-fuels-explosion-of-online-learning-517885097>



August 19, 2013 Entrepreneurship Curriculum NovoEd, Amin Saberi <https://novosed.com/courses/entrepreneurship>



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

<http://chronicle.com/blogs/wiredcampus/mit-will-offer-mooc-curricula-not-just-single-courses-on-edx/46715>

MIT Will Offer MOOC Curricula, Not Just Single Courses, on edX

September 18, 2013, 4:59 am

By Steve Kolowich

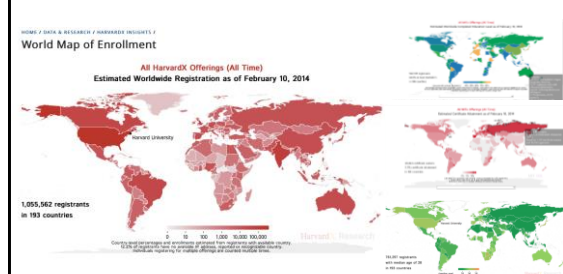
MOOC companies are hardly universities unto themselves, but now a provider wants to move beyond offering one-off courses.

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.



February 20, 2014 Data Visualization Tools (Harvard and MIT MOOCs) Lawrence Biemiller, Chronicle of Higher Education

<http://chronicle.com/blogs/technology/harvard-and-mit-moocs-visualize-2013-course-enrollment-at-a-glance/46715>



IV. Learning is More Mobile

New Coursera App for iOS!

Coursera Blog, December 8, 2013

<http://blog.coursera.org/post/169518535384/this-holiday-season-learn-on-the-go-with-the-new>



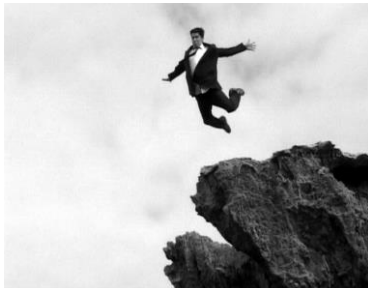
Poll #2: Is this a revolution in education today?

A. Yes...

B. No...



We are entering a jumping off point...



We are entering a jumping off point...



Jumping off or tilting sideways...?



Or tilting sideways...?



Audience Polls #2:

- I. Who remembers what they were doing on 911?
- II. Who remembers what they were doing on 441?



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."



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 a world-class education online for free, and getting credentials for it. With the launch of Open Educational Resources University (OERu) on November 1, that's exactly what is now possible. The launch is a significant milestone in higher education globally, and marks a transition from an international collaboration prototype to a sustainable, scalable program of accessible OERu study.

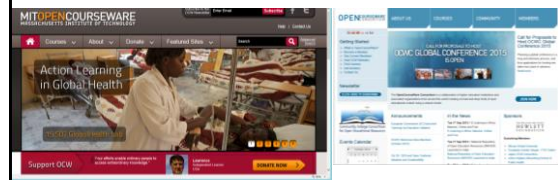


The official launch takes place at Thompson Rivers University in Kamloops, B.C. for face-to-face participants and streamed live for registered virtual participants. The launch comes at the end of a two-day meeting of OERu anchor partners and will be hosted by Dr. Alan Shaw, President, Thompson Rivers University. Dr. John Daniel, Chair of United World Colleges (UWC) will give the keynote address and officially launch the launch to launch the OERu website.

"The OERu launch is an important milestone in the long campaign to make quality higher education more flexible and less expensive," said Dr. John Daniel. "Getting it established will be a slow process because the concept is so radical. However, coming at a moment when higher education is in crisis because of rising costs and high youth unemployment, the OERu initiative addresses a real need of students, in the short and long-term. And we want to know."

Fast Forward to February 2014

MIT OCW and the OpenCourseWare Consortium



What about the Instructor in the Open World?



A Dozen "C" Metaphors of Instructors (e.g., "Cat Herders")



1. Instructor as Credit Manager**2. Instructor as Court Room Judge****3. Instructor as Counselor****4. Instructor as Consultant****5. Instructor as Conductor****6. Instructor as Course Ambassador**

7. Instructor as Camping Trip Guide



8. Instructor as Curator



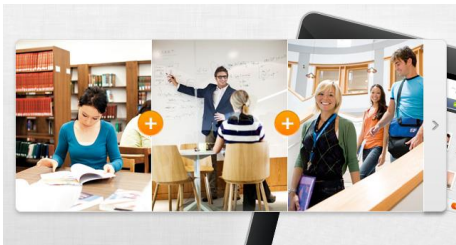
9. Instructor as Concierge



10. Instructor as Cultivator



How About Instruction as a Cognitive Apprenticeship?



MIT OpenCourseWare (OCW)

<http://ocw.mit.edu/index.htm>



October 28, 2013 Announcing MERLOT II: Multimedia Educational Resource for Learning and Online Teaching

<http://www.merlot.org/merlot/index.htm?action=find>
<http://www.youtube.com/watch?v=7Y1IA6zv0&feature=youtu.be>



September 16, 2013

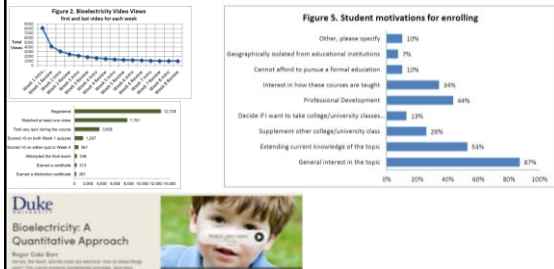
Rwandan Degree Program Aims for a 'University in a Box', Chronicle of Higher Education, Megan O'Neil
<http://chronicle.com/article/Rwandan-Degree-Program-Aims/141631/>



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.

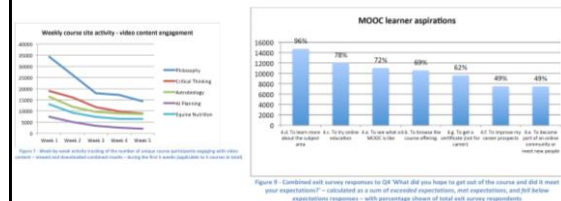
February 5, 2013

Bioelectricity: A Quantitative Approach, Duke University's First MOOC
http://dukespace.lib.duke.edu/dukepace/bkstram/handle/10181/6216/Duke_Bioelectricity_MOOC_Fall2012.pdf



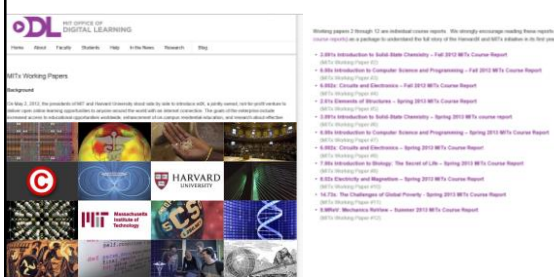
May 2013

MOOCs @ Edinburgh 2013– Report #1



January 21, 2014

MITx Working Papers (research on MOOCs)
<http://odl.mit.edu/mitx-working-papers/>



October 31, 2013

U.S. Teams Up With Operator of Online Courses to Plan a Global Network, Tamar Lewin, NY Times

November 4, 2012

Udemy (professors create own courses)
(e.g., "Planning Your Online Course")
<https://www.udemy.com/courses/>



October 11, 2012

MOOC and you're out of a job: uni business models in danger, Mark Gregory, The Conversation, Australia

<http://theconversation.edu.au/mooc-and-youre-out-of-a-job-uni-business-models-in-danger-9738>

THE CONVERSATION

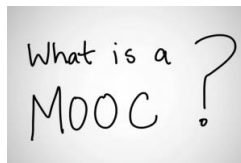


How Australian universities can play in the MOOCs market



Academics and universities might need to be careful of what they wish for with free online education.

Mystery of MOOCs: Part I. A Funny Thing Happened...



Gordon Lockhart, iBerry, <http://iberry.com/>
<http://gb155.wordpress.com/2011/03/08/cck11-man-this-mooc-is-something-else/>

January 2013

MOOCs and the Collaboration Industry, Wainhouse Research Note, Analyst: Alan D. Greenberg



2008	2009 - 2010	2011	2012	2013 - 2017
First MOOC: Athabasca U & Canadian National Research Council (2,300+)	MOOCs slowly take hold: PLENK2010, DS106, University of the People, P2PU	Stanford Intro to AI MOOC (130,000)	Udacity, Coursera, edX (rebranded MIT program)	Big Name U, trial and error, best practices, business "remodeling," mainstreaming

Figure 1: A Short Recent History – and Prediction for the Future – of the MOOC

January 2013

**Parthenon Perspectives:
Finding Value in an Evolving Education Landscape (US) Parthenon Group**



June 25, 2012

**Massive Open Online Courses (MOOCs)
A Conversation With Bill Gates About the Future of Higher Education, Chronicle of HE, Jeffrey R. Young**

http://chronicle.com/article/A-Conversation-With-Bill-Gates/132591?cid=wikistm_source=wikistm_medium=en

On the Meaning of MOOC's

"Even though I only have a high school degree, I'm a professional student."



August 8, 2012

Holy Apostles To Offer Massive Open Online Courses, Cromwell, CT

<http://campustechnology.com/articles/2012/08/08/holy-apostles-to-offer-massive-open-online-courses.aspx>

Holy Apostles To Offer Massive Open Online Courses

By Mike Hohenbook • 08/08/12

Holy Apostles College and Seminary will begin to offer massive open online courses (MOOC) programming through a partnership with Edvance360 and the Catholic Distance Learning Network involving two certification programs for the fall 2012 semester.



January 23, 2013

Academic Partnerships Launches MOOC2Degree Initiative Free, Open Online Courses As A First Step Toward A Degree

<http://www.mooc2degree.com/>

MOOC2DEGREE™

ABOUT US | PRESS ROOM | CONTACT US



Free, Open Online Courses As A First Step Toward A Degree

MOOC2Degree can help you achieve your academic goals, giving you the opportunity to try online learning for free. Academic Partnerships is collaborating with many of its 40 public university partners to launch the MOOC2Degree initiative which provides you with free, open online courses that lead to academic credit as a first step toward a degree.

The following universities are some of the early participants in Academic Partnerships' MOOC2Degree initiative. Students who successfully complete a MOOC2Degree course earn academic credit toward a degree, based upon criteria established by participating universities. Additional university partners are joining the initiative in the months ahead as they work through the processes of providing MOOCs. Specific MOOC course listings will be coming soon.



Arizona State University
Arizona State University has developed a new model for the American Research University, creating an institution that is committed to excellence, access and impact. ASU measures itself by these 4 pillars, not by these 4 pillars. ASU's vision is to be a university that contributes to the public good, and ASU assumes major responsibility for the economic, social and cultural vitality of the communities that surround it.

Learn More



Cleveland State University
The Cleveland State University is a public research university located in Cleveland, Ohio. It is one of the largest universities in the state.

February 20, 2013

To Fix Its Education System, India Should Look to MOOCs

William H. Avery, Chronicle of Higher Education

<http://chronicle.com/blogs/worldwise/to-fix-its-education-system-india-should-look-to-moocs/31789>

To Fix Its Education System, India Should Look to MOOCs

February 20, 2013, 10:09 am

By Guest Writer

The following is a guest post by **William H. Avery**, author of *China's Nightmare, America's Dream: India as the Next Global Power*. The blog post is adapted from a commentary published in the *Economic Times* of India and continues themes raised in a recent *Chronicle* article on the challenge *American colleges face in India*.



October 9, 2012

MOOCs and exercise bikes – more in common than you'd think, Robert Nelson and Phillip Dawson, The Conversation, Australia

<http://theconversation.edu.au/moocs-and-exercise-bikes-more-in-common-than-you-d-think-9726>

THE CONVERSATION

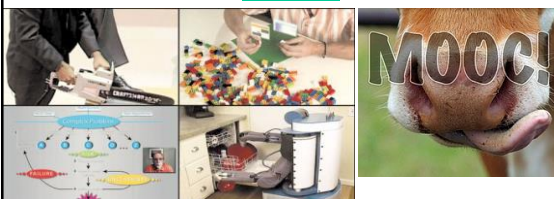


Are you motivated or do you need a social setting and role models to keep you driven?

November 2, 2012

The Year of the MOOC, New York Times, Laura Pappano,

<http://www.nytimes.com/2012/11/04/education/edtech/moocs-open-online-courses-are-multiplying-at-a-rapid-pace.html?pagewanted=all>



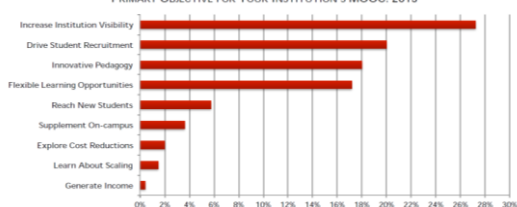
Clockwise, from top left: an online course in circuits and electronics with an M.I.T. professor (edX); statistics, Stanford (Udacity); machine learning, Stanford (Coursera); organic chemistry, University of Illinois, Urbana (Coursera).

January 2014

Grade Change: Tracking Online Education in the United States, 2013, The Sloan Consortium, I. Elaine Allen & Jeff Seaman, 2013 Survey of Online Learning Report

<http://sloanconsortium.org/publications/survey/grade-change-2013>
Direct connect: <http://www.onlinelearningurvey.com/reports/gradechange.pdf>

PRIMARY OBJECTIVE FOR YOUR INSTITUTION'S MOOC: 2013



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/132591/?cid=at&utm_source=at&utm_medium=en

On the Meaning of MOOC's
"The most important thing to understand about MOOCs is that they are not a new thing."



Bill Gates Discusses MOOCs at Microsoft Research's Faculty Summit
July 16, 2013, 9:55 am
By Sara Grossman

Bill Gates says that this is the "golden era" of learning, thanks to massive open online courses and easy access to information. The chairman of Microsoft gave the keynote address on Monday at Microsoft Research's Faculty Summit, an annual event that brings together Microsoft researchers and academics from more than 200 institutions for a two-day course on the future of computing.



February 27, 2013 (Inside HE) Grade My Course (i.e., Yelp for Ed) <http://www.grademycourse.com/>

Grade My Course
Free online course ratings and reviews

Introductory Organic Chemistry Part 1
Jeff Moore

Difficulty: HARD
Easy A- A- B+ C- D- F+ I

Workload: 10 HRS
0-2 wk 3-4 wk 5-6 wk 7-8 wk 9-10 wk 11-12 wk

Grade This Course

Jeffrey S. Moore, Nicholas M. Unwin
University of Illinois at Urbana-Champaign

TBA (3 previous)

Link to official course page

February 27, 2013 (Inside HE) CourseTalk <http://coursetalk.org/>

People interested in this course were also interested in

43 People Interested

Functional HTML5 & CSS3
Cody Watson

Functional Programming Principles in Scala
Eduardo Vazquez-Palencia, Armin Wernke

Try R
John Fox

CS186: Artificial Intelligence
University of California, Berkeley

63 Reviews

By Patrick Di Jorio from New York, New York 2 months ago

Interesting, somewhat course on learning Python. The professors seem to like teaching the class (and really seem to like each other, which comes across and actually makes the class even more enjoyable). The course and new projects are perfectly calibrated to be challenging without being impossible... after the first week, I started each homework assignment saying "I DON'T KNOW HOW TO DO THIS!" but then realized that they did indeed teach us everything we needed to know to complete the class.

February 27, 2013 (Inside HE) StudyRoom and Open Study <http://www.getstudyroom.com/> <http://openstudy.com/>

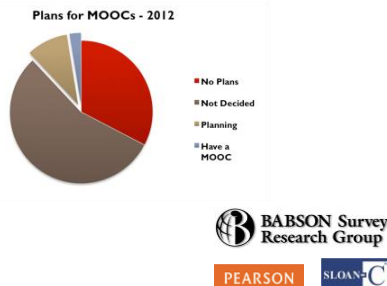
StudyRoom

BRING THE CLASSROOM
EXPERIENCE ONLINE

Real-time discussions, social learning, and an LMS to make personal academic relationships in a meaningful way, giving students and teachers a real chance to connect with one another online.

CREATE A COURSE

January 8, 2013 Changing Course: Ten Years of Tracking Online Education in the United States, Elaine Allen and Jeff Seaman, Sloan-C & Babson Survey Research Group <http://www.babson.edu/sloan-c/online-learning/online-learning-survey-2012.pdf>



March 18, 2013 The Minds Behind MOOCs: The Professors Who Make the MOOCs, Steve Kolowich, Chronicle of HE http://chronicle.com/article/The-Professors-Behind-the-MOOC/137905/?cid=at&utm_source=at&utm_medium=en&utm_campaign=overview



Paul Gries, of the U. of Toronto, has taught MOOCs on computer science.

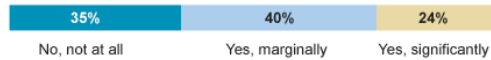
March 18, 2013

**The Minds Behind MOOCs:
The Professors Who Make the MOOCs,
Steve Kolowich, Chronicle of HE**

http://chronicle.com/article/The-Professors-Behind-the-MOOC/137905/?cid=atlutm_source=atlutm_medium=enfid=overview

FROM THE SURVEY

Do you believe MOOCs could eventually reduce the cost of attaining a college degree at your institution?

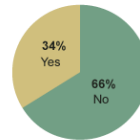


March 18, 2013

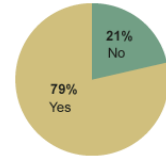
**The Minds Behind MOOCs:
The Professors Who Make the MOOCs,
Steve Kolowich, Chronicle of HE**

http://chronicle.com/article/The-Professors-Behind-the-MOOC/137905/?cid=atlutm_source=atlutm_medium=enfid=overview

Do you believe your home institution will eventually grant formal credit to students who succeed in your MOOC?



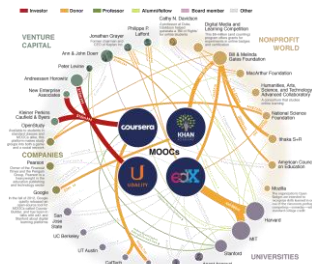
Over all, do you believe MOOCs are worth the hype?



April 29, 2013

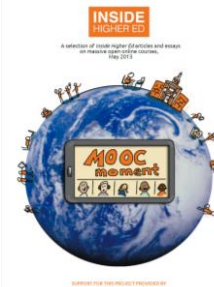
**Major Players in the MOOC Universe,
Chronicle of Higher Education, Jake New**

<http://chronicle.com/article/Major-Players-in-the-MOOC/138817/>



May 10, 2013

**'The MOOC Moment': New Compilation
of Articles, Inside Higher Ed**



April 20, 2013

**Two Cheers for Web U!
A. J. Jacobs, New York Times**

http://www.nytimes.com/2013/04/21/us/politics/two-cheers-for-web-u.html?_r=3&mc_cid=138817

Illustration
Two Cheers for Web U!



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 San Jose State U. asked its philosophy professors to use in place of their own instruction. They said no.

By Steve Kolowich

Mystery of MOOCs: Part II. Ten "10" MOOC Leadership Principles



MOOC Leadership Principle #1: Be First!

June 21, 2011 and August 2, 2011
Stanford U. Offers Free Online Course in Artificial
Intelligence (over 160,000 enroll, 23,000 complete, and 238
perfect scores; <http://www.ai-class.com/>)



U. of Illinois at Springfield Offers New Massive Open Online
Course*



MOOC Leadership Principle #2: Take Risks January 23, 2012, Udacity- Sebastian Thrun <http://www.udacity.com/>



August 18, 2013 Virtual U: Master's Degree Is New Frontier of Study Online Tamar Lewin, The New York Times

http://www.nytimes.com/2013/08/18/education/masters-degree-is-new-frontier-of-study-online.html?_r=0



On track, the dean of the College of Computing at the Georgia Institute of Technology. The institute plans to offer master's degrees in computer science through flexible online courses, in 2015.

MOOC Leadership Principle #3: Rethink Delivery, Assessment, Certification, Students, etc. MIT Will Offer MOOC Curricula, Not Just Single Courses, on edX, Steve Kolowich, Chronicle of HE (September 18, 2013)

<http://chronicle.com/blogs/wiredcampus/mit-will-offer-mooc-curricula-not-just-single-courses-on-edx/146715>



MIT Will Offer MOOC Curricula, Not
Just Single Courses, on edX

By Steve Kolowich

September 18, 2013

MIT's new online learning initiative

MIT's new online learning initiative

MIT's new online learning initiative

MIT's new online learning initiative

MIT's new online learning initiative

MIT's new online learning initiative

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MIT's new online learning initiative

MIT's new online learning initiative

MIT's new online learning initiative

MIT's new online learning initiative

MIT's new online learning initiative

MIT's new online learning initiative

Coursera List of Courses National Taiwan University

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



December 13, 2012

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

<http://www.bbc.co.uk/news/education-20697392>

13 December 2012 Last updated at 21:40:57

UK universities in online launch to challenge US

By Sean Coughlan
BBC News education correspondent



A partnership of UK universities is launching an online project, challenging US universities that have dominated this emerging market. They will aim to give the public access to higher education courses via...



The Open University's Martin Bean says UK universities cannot "stick their head in the sand"

MOOC Leadership Principle #4: Collect Testimonials

June 11, 2012

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



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



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

MOOC Leadership Principle #5: Build on Strengths and Niche Areas

Coursera course on Internet History, Technology, and Security, Chuck Severance 42,000+ sign up...

<http://www.youtube.com/watch?v=JzNHvmSv8TI>

September 9, 2013

Creativity MOOC Draw 120,000 Students (Penn State), Campus Technology, Leila Meyer

3 Student Profiles: Adventurers (committed); Tourists (pick and choose); and Explorers (in between)

<http://campustechology.com/articles/2013/09/09/creativity-mooc-draws-120000-students.aspx?c=TN>

Dr. Jack V. Matson, Dr. Darrell Velegol and Dr. Kathryn W. Jablowski, Penn State University, Coursera

April 27, 2012

Introduction to Blackboard/CourseSites MOOC, With Dr. Curt Bonk: "Instructional Ideas and Technology Tools for Online Success" (4,039 now enrolled)

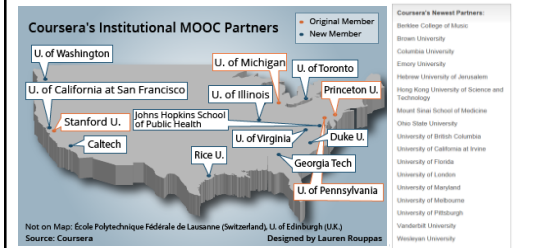
<http://www.youtube.com/watch?v=r8Ne8CuePTQ&feature=youtu.be>

MOOC Leadership Principle #6: Offer Something Novel or Distinct

September 15, 2011, Stanford Engineering Everywhere (SEE) <http://see.stanford.edu/>

View lecture videos, access reading lists & course handouts, take quizzes and tests, and communicate with other students.

MOOC Leadership Principle #7: Form Symbiotic Partnerships April 18 and Sept 19, 2012: Coursera (<https://www.coursera.org/>)



August 10, 2012

Coursera Hits 1 Million Students, With Udacity Close Behind, Jeffrey R. Young, Chronicle of Higher Ed

<http://chronicle.com/blog/win-win-coursera-close-as-a-huge-1-million-students-with-udacity-close-behind/29881>

Coursera said that it had students registered in 196 countries. The highest proportions are in the United States (38 percent), Brazil (6 percent), India (5 percent), and China (4 percent).

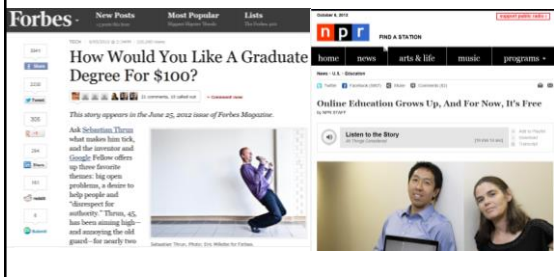
The breakdown is similar at **Udacity**, which says it has students in 203 countries, with the greatest numbers hailing from the United States (42 percent), India (7 percent), Britain (5 percent), and Germany (4 percent).

coursera



MOOC Leadership Principle #8: Generate Media Attention June 25, 2012

<http://www.forbes.com/sites/georgeanders/2012/06/05/udacity-sebastian-thrun-disrupting-higher-education/>

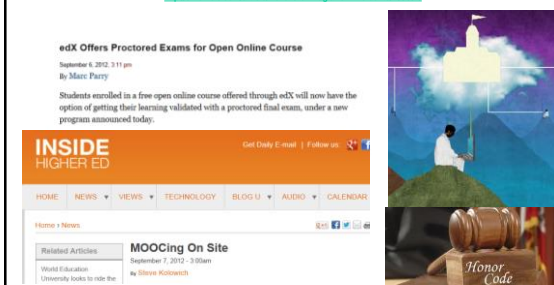


MOOC Leadership Principle #9: Do Not Make Rash Decisions July 17, 2012

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



MOOC Leadership Principle #10: Be Proactive in Addressing Concerns August 16 & September 6, 2012 <http://chronicle.com/article/Dosens-of-Plagiarism-Incidents/133897/>



MOOC Leadership Bonus Principle: Ask Questions

Sept 3, Oct 1, & Dec 17, 2013
Chronicle of Higher Education

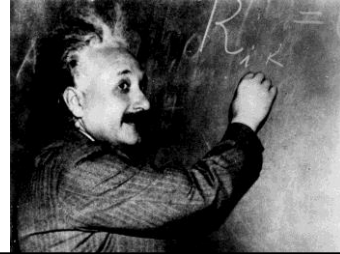
<http://chronicle.com/article/Massive-Enrollment-About/114678/>



Mystery of MOOCs: Part III. 10 Types of MOOCs



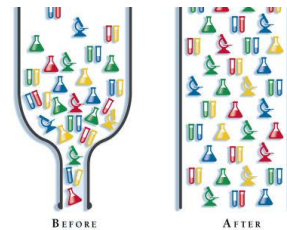
MOOC Type #1. Theory- or Trend-Driven MOOC



MOOC Type #2. Remedial Course MOOC



MOOC Type #3. Degree or Program Qualifier or System Bottleneck MOOC



MOOC Type #4. Professional Development (PD) (practical) MOOC



MOOC Type #5. Alternative Admissions Systems, Recruitment, or Hiring System MOOC



MOOC Type #6. Just-in-Time Skills and Competencies MOOC



MOOC Type #7. Goodwill MOOC



MOOC Type #8. Conference MOOC (stretch a conference)



MOOC Type #9. Rotating, Repeatable, and Reusable MOOC



MOOC Type #10. Oral History MOOC

ORAL HISTORY PROJECT

'History Harvest' Project May Spawn a New Kind of MOOC

December 21, 2012, 4:55 am
By Marc Parry

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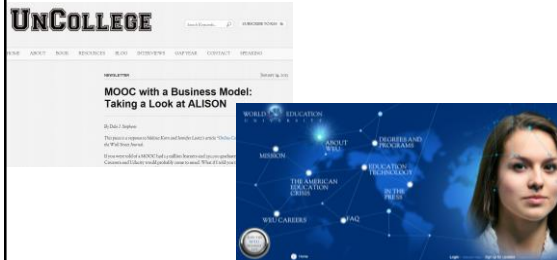
...as possible
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...story." And
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...massive open online courses, or MOOC's.

Mystery of MOOCs: Part IV. Ten "10" 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

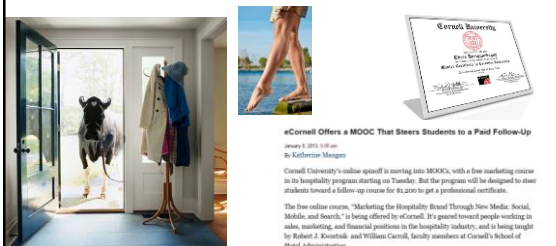


MOOC Business Model #4. Certificate Fee (with sticker)

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



MOOC Business Model #5. Free Entryway Course



MOOC Business Model #6. Enhanced Course Fee (same rate as other online courses)



MOOC Business Model #7. Option for University Credit (full price)



MOOC Business Model #8. Company Sponsored



MOOC Business Model #9. Percent of First Year Salary



MOOC Business Model #10. Charge Fee for Student Data

December 4, 2012

Providers of Free MOOC's Now Charge Employers for Access to Student Data

By Jeffrey R. Young



Providers of free online courses are officially in the headhunting business, bringing in revenue by selling to employers information about high-performing students who might be a good fit for open jobs.

On Tuesday, Coursera, which works with high-profile colleges to provide massive open online courses, or MOOC's, announced its employee-matching service, called Coursera Career.

Mystery of MOOCs: Part V. Ten "10" MOOC Instructor Guidelines

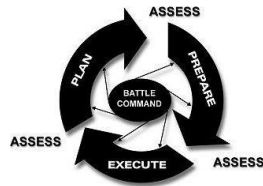


Audience Poll #3: Have you taught a MOOC before? Have you ever taken a MOOC as a student? Have you ever browsed a MOOC?

- A. Yes
- B. No



MOOC Instructor Guide #1. Plan and Prepare



MOOC Guide #2.

Use Peer, Machine, Volunteer, and Self-Assessment (designate feedback providers)



MOOC Guide #3. Personalize Where Possible!



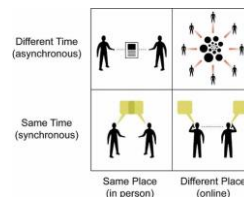
MOOC Guide #4. Gather Geographic Data



MOOC Guide #5. Form Groups and Social Supports



MOOC Guide #6. Combine Sync and Async Instruction



MOOC Guide #7. Offer Weekly Recaps and Share Resources

Let's
Recap



MOOC Guide #8. Involve the Participants (e.g., use Polling Questions)

Poll #1:
What is your biggest gain from
this course?

- A. Online teaching strategies
- B. Online teaching models
- C. Useful resources and tools
- D. New friends and connections
- E. Self-confidence



MOOC Guide #9. Arrive Early for Sync Session



MOOC Guide #10. Allocate Ample Q&A Time During Sync Session



Need More Tips?

5 Tips From a MOOC Producer,
Chronicle of Higher Ed, Kaysi Holman,
March 14, 2014

http://chronicle.com/blogs/future/2014/03/14/5-tips-from-a-mooc-producer/144-pmhtml_source=pmhtml_medium=en



Can MOOCs and Open Ed Change the World? Changing Higher Education to Change the World, Chronicle of Higher Ed, Cathy Davidson, Duke U, March 14, 2014

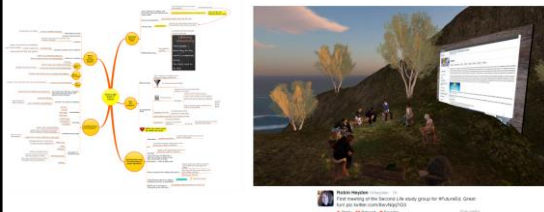
http://chronicle.com/blogs/future/2014/03/14/changing-higher-education-to-change-the-world/204-pmhtml_source=pmhtml_medium=en



Can MOOCs and Open Ed Change the World?

Changing Higher Education to Change the World, Chronicle of Higher Ed, Cathy Davidson, Duke U, March 14, 2014

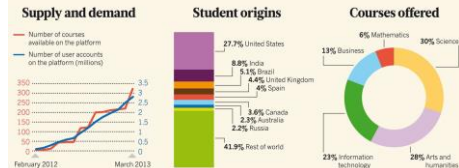
http://www.chronicle.com/blogs/chronicle/2014/03/14/changing-higher-education-to-change-the-world/?cid=pmkwidn_source=amazon_mediastore



Mystery of MOOCs: Part VI. Research on MOOCs and OER

MOOCs rising

Over little more than a year, Coursera in Mountain View, California – the largest of three companies developing and hosting massive open online courses (MOOCs) – has introduced 128 different courses from 62 universities in 17 countries (left). The platform's 2.9 million registered users come from more than 220 countries (centre). And courses span subjects as diverse as pre-calculus, equine nutrition and introductory jazz improvisation (right).



Self-Directed Learners (SDL) (Abdullah, 2001)

- Tend to be highly curious & generally enjoy learning
- View problems as challenges
- Desire change, willing to try new things,
- Persistent, self-disciplined, goal oriented
- Independent, self-confident
- Make learning meaningful and relevant
- Self-monitor, evaluate, and regulate one's learning

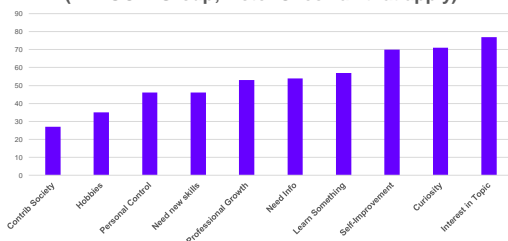
Study #1. MIT OpenCourseWare (OCW) Study

■ E-newsletter subscription 156,000 people

- 1,429 completed surveys
 - ◆ 613 completed open ended items
- 50% over age 40
- 76% males
- North America (44 percent); Asia (23 percent); Europe (14 percent); South America (10 percent); Middle East (3 percent); Oz (2 percent).
- ◆ Top countries in the MIT OCW subscriber list were the United States, India, China, Brazil, Nigeria, Pakistan, Iran, Canada, the UK, Taiwan, Indonesia, Mexico, and Egypt.

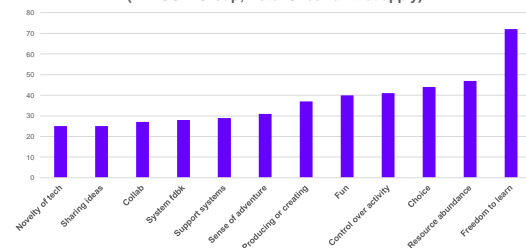
Reasons to explore?

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



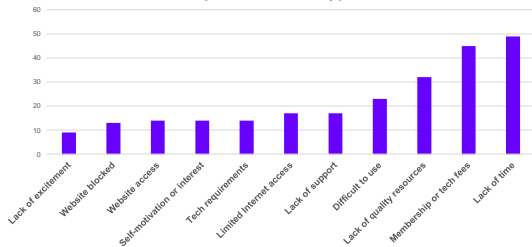
Factors leading to success or personal change?

Factors Leading to Success or Personal Change When Exploring Online
(MIT OCW Group; Note: Check all that apply)



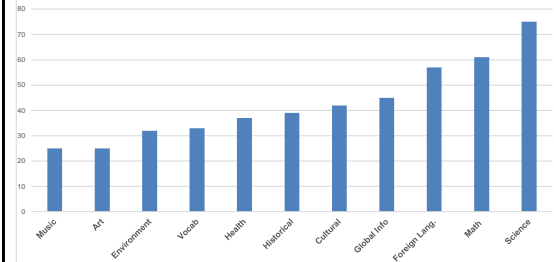
What obstacles faced?

What Obstacles Faced When Learning Informally Online
(MIT OCW Group)



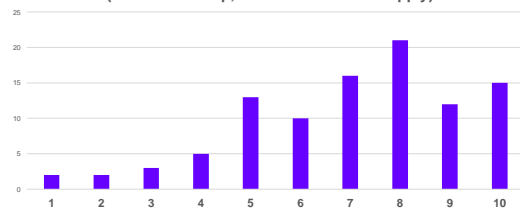
Skills hoping to acquire?

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)



Open-Ended Questions

(28) Can you describe your most interesting or successful informal learning experience? What did you accomplish?

(30) Why did you want to do this learning activity or task? What was your **purpose or goals**? Please describe what captured your interest.

(31) Has your life changed in a small or big way as a result of this informal learning activity or experience? If so, how?

(32) What was the key moment when learning informally with technology where you felt a personal change? If so, please describe that moment, as best you can.

(34) Did you face any **obstacles or challenges** during this time when learning informally with technology? If so, how did you overcome them?



MIT Data: Inspires and Changes Ed Systems (18-20 year old male, Middle East)

When i was 14 years old i found MIT OCW during my search in..(physics) by Prof Walter Lewin looked really interesting and i became interested in physics. To be honest OCW changed my way of living and i found how beautiful physics is...informal learning is interesting because you can have access to some of the best courses provided by the best universities in the world...MIT OCW or Stanford open courses have also changed the educational system in some poor countries and have taught the teachers and professors in those countries how to teach a subject in a modern way.

open course

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 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: Enhances Current Job Prospects (31-40 year old male, Asia)

I learnt scheme from MIT OCW. Which helped in learning **elisp/lisp**. The programming techniques increased my software design knowledge. **Algebra - mit ocw course was very useful**, it helped me to refresh the basics of Digital signal processing. - I have learnt a lot of **"applying my knowledge"** than just learning the "theory"
- Various online classes allow for multiple perspectives of the same topic thus showing us how the same thing can be applied in different fields.



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.**

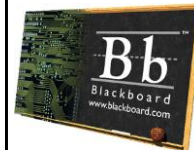


MIT Data: Retiree Develops New Hobby (70+ year old female, North America)

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.



Study #2. Blackboard (CourseSites) MOOC <http://events.blackboard.com/open>

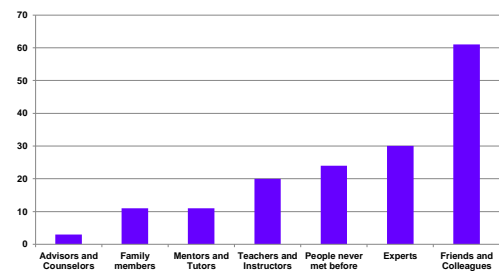


Blackboard MOOC Sample

- Survey notice sent to 3,800 MOOC participants
- 159 completed surveys
 - ◆ 49 completed open ended items
 - 72% over age 40
 - 73% females
 - North America (81 percent); Asia (2 percent); Europe (6 percent); South America (1 percent); Middle East (2 percent); Australia/NZ (7 percent); Africa (1 percent)

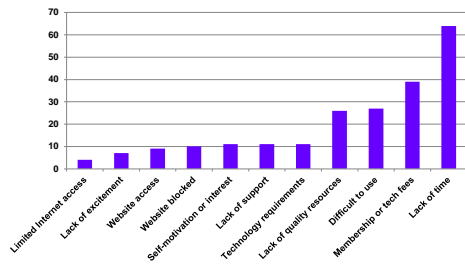
Blackboard Data

Who typically supports your informal learning experiences?



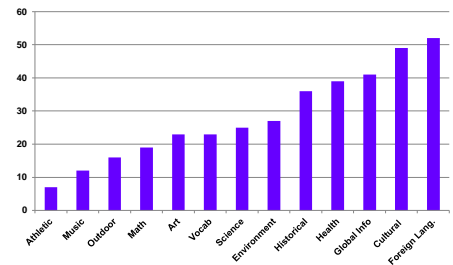
Blackboard Data

Figure 7. Obstacles and challenges faced when learning informally online.



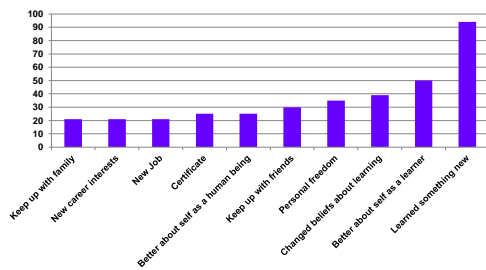
Blackboard Data

Figure 3. Specific skills wanting to learn informally online



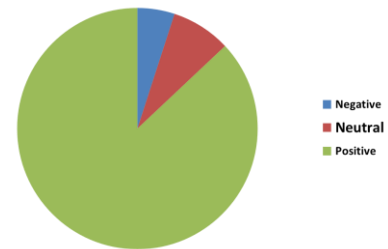
Blackboard Data

Figure 5. Achievements from learning informally online



Experience life change?

(0 = not at all; 5 = moderately; 10 = significantly)
Has your life changed from informal learning on the Web?



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 solely to support myself, but it does pay some bills.



Life Changing Example #4

It has changed because I have learned new things and got more creative in my own field...The key moment was when I felt that **the world is now becoming open** as Dr. Bonk describes it. I don't need to travel to different countries and spend my time and money trying to get a new idea or learn a new skill. I can have the access to quality materials, novel ideas and experts anywhere and any time.



January 20, 2014

6.00x Introduction to Computer Science and Programming MITx on EdX Course Report - 2013 Spring

http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2382322

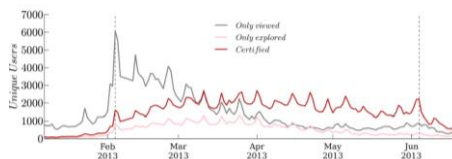


Figure 6: Daily number of unique participants accessing courseware or course-site (pre-launch) via our described participant categories. Vertical dashed lines indicate the start and end of the course. Due to data loss, some information about user activity between January 21 and Feb 13 is missing and not included in the plot.

January 20, 2014

6.00x Introduction to Computer Science and Programming MITx on EdX Course Report - 2013 Spring

http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2382322

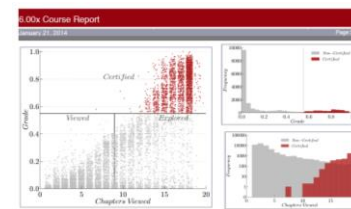


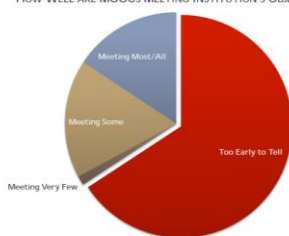
Figure 4: Scatter plot of grade versus chapters viewed (left), highlighting student subpopulations; certified students are red points and all points are plotted. Histograms of grades and number of chapters viewed (right) distinguished by student subpopulations.

January 2014

Grade Change: Tracking Online Education in the United States, 2013, The Sloan Consortium, I. Elaine Allen & Jeff Seaman, 2013 Survey of Online Learning Report

<http://sloanconsortium.org/publications/survey/grade-change-2013>
Direct connect: <http://www.onlinelearningurvey.com/reports/gradechange.pdf>

HOW WELL ARE MOOCs MEETING INSTITUTION'S OBJECTIVES: 2013



January 15, 2014

Doubts About MOOCs Continue to Rise, Survey Finds

Chronicle of Higher Education, Steve Kolowich
<http://chronicle.com/article/Doubts-About-MOOCs-Continue-to/144007/>

"A year later, there were more doubts about the long-term prospects of teaching free online courses. **In 2012, 26 percent of academic leaders disagreed that MOOCs were "a sustainable method for offering courses." In 2013 that number leapt to 39 percent.**"

January 23, 2014

**QuickWire: Regent U. Creates a Christian MOOC,
Lawrence Biemiller, The Chronicle of Higher Education**

http://chronicle.com/blogs/wiredcampus/quickwire-regent-u-creates-a-christian-mooc/497817.cfm?utm_source=publication&utm_medium=email

January 23, 2014 by Lawrence Biemiller

QuickWire: Regent U. Creates a Christian MOOC

Regent University unveiled a Christian massive open online course platform called *Christos* on Thursday, but the initial offerings are limited to three courses asking "Who Is Jesus?" and a series of "great talks" by conservative figures connected to the unit, including Pat Robertson, the university's chancellor and the founder of the Christian Broadcasting Network.

In a statement announcing MOOC platforms, the university said that in the future it would offer actual college credit at the university as a paid option. "It also plans to degree programs through the platform."

The Regent offering is not the first MOOC, defining itself as Christian. Ligonier's at (Shanksville, Pa.) and Grove College, a private college in Saint Joseph, Mo., stated what they describe as MOOCs in 2013.

LUXVERA GREAT TALKS

CHARLES M. VEST
A LIFE WELL LIVED
CONTEMPORARY & MODERN
EDUCATION & CULTURE
THE FUTURE OF EDUCATION

January 27, 2014

What's next for MOOCs?

TED talk, posted by Thu-Huong Ha

<http://blog.ted.com/2014/01/27/whats-next-for-moocs/>

TED Ideas worth spreading

TED Blog

EDUCATION

What's next for MOOCs?

Presented by: The Atlantic

January 27, 2014 at 1:00 pm EDT

PLAYLIST & AUDIO
MOOCs #1

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>

MITnews

engineering science technology innovation + policy humanities arts and social sciences

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

Leading MIT into the 21st Century

Conversation with Charles M. Vest, Former President of MIT

By Henry Kravitz

September 12, 2008

We thank you for attending!



Slides at: TrainingShare.com

Papers: PublicationShare.com

Books: <http://worldisopen.com/>

Email: curt@worldisopen.com

cjbonk@Indiana.edu

