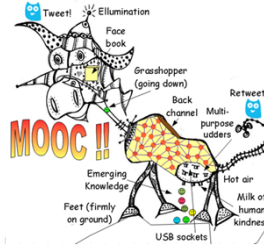


Open Educational Resources: Part I. Past Year Recap of MOOC and Open Ed News

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



What is a MOOC?



What is a MOOC ?

Gordon Lockhart, iBerry, <http://iberry.com/>
<http://p9155.wordpress.com/2011/03/28/cv111open-the-mooc-is-smoothgoing/>

Poll #1:

Have you participated in a MOOC before?

- A. Yes
- B. No



June 21, 2011 (and February 16, 2012)

Ray Schroeder, U of Illinois at Springfield Guest
Speaker on Open Education Movement
<http://breeze.iu.edu/p94lec5su62/>



August 2, 2011

Massive Open Online Courses (MOOC) and
Graded Free OCV,

Stanford U. Offers Free Online Course in Artificial
Intelligence, Jie Jenny Zou, Chronicle of Higher Education
(over 135,000 sign up as of August 27)
<http://www.ai-class.com/>



September 15, 2011, Graded Free OCV

Welcome to Stanford Engineering,
Everywhere (SEE) <http://see.stanford.edu/>

A computer and an Internet connection are all you need. View lecture
videos, access reading lists and other course handouts, take quizzes and
tests, and communicate with other SEE students, all at your convenience.



November 3, 2011
The Floating University
<http://www.floatinguniversity.com/>

What if the world's best thinkers all taught at the same school?

Paul Bloom, Professor of Psychology, Yale University
 What Compassion, Racism, and Sex Tell Us About Human Nature

MICHO KAKU, Professor of Physics, CUNY
 The Universe in a Nutshell: The Physics of Everything.

\$39.99

January 23, 2012
Udacity- Sebastian Thrun
<http://www.udacity.com/>

UDACITY
 We believe university-level education can be both high quality and low cost. Using the resources of the Internet, we've recruited some of the greatest teachers to teach tens of thousands of students all over the world.

CS 101: BUILDING A SEARCH ENGINE
 Taught by Professor David Foray and Professor Shriram Srinivas

CS 373: PROGRAMMING A ROBOTIC CAR
 Taught by Professor Sebastian Thrun

Sebastian Thrun

February 15, 2012
Guess what! You just got into MIT! Free ride! Kind of!
Marketplace Tech Report, John Moe,
<http://www.marketplace.org/shows/marketplace-tech-report>

AMERICAN PUBLIC MEDIA
Marketplace

TECH

Guess what! You just got into MIT! Free ride! Kind of!

February 16, 2012
Online Badges and Certifications from OER
University of Illinois at Springfield, Ray Schroeder
<https://sites.google.com/site/opencontinuinged/>

Badges and other alternative certifications

Some sample badges:

Microsoft Certified Systems Engineer

web csc UNIVERSITY CERTIFIED

CERTIFIED PROFESSIONAL HORTICULTURIST

CERTIFIED INSTRUCTOR Digital Publishing Suite

Professional Search Engine Marketer

How Will Mozilla's Open Badges Project Affect Higher Ed? by Audrey Watters, Hack [Higher] Education - Inside Higher Ed

The Open Badges Project is a recognition that "learning looks very different today than traditionally imagined. Legitimate and interest-driven learning is occurring through a multitude of channels outside of formal education, and yet much of that learning does not "count" in today's world. There is to demonstrate that learning and transfer it across contexts or use it for real results," Mozilla's Erin Knight told me in an interview for O'Reilly.

February 21, 2012
Rethinking Learning with Salman Khan
Stanford Graduate School of Business
<http://www.youtube.com/watch?v=W-vj6BhQa5w>
Khan Academy Founder Finds Simplicity Appeals in Online Education Experimentation
<http://www.gsb.stanford.edu/news/headlines/sal-khan-academy.html>
Let's use video to reinvent education, TED, March 2011
http://www.ted.com/talks/salman_khan_let_s_use_video_to_reinvent_education.html

YouTube: Rethinking Learning with Salman Khan

TED Ideas worth spreading

TALKS
 Salman Khan: Let's use video to reinvent education

March 13, 2012
Educational Videos: TED-Ed
<http://education.ted.com/>

TEDEd
 LESSONS WORTH SHARING

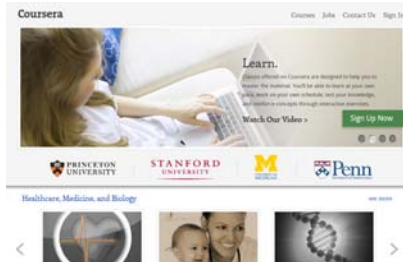
mid-den

TED-Ed Launches on YouTube

April 18, 2012

Coursera

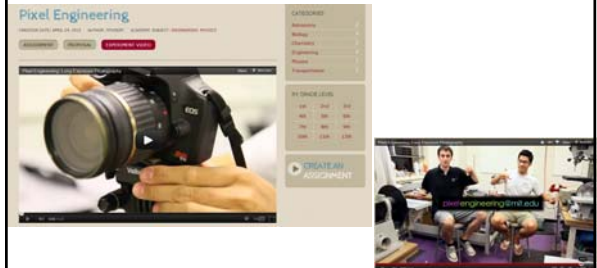
Online-Education Start-Up Teams With Top-Ranked Universities to Offer Free Courses, (<https://www.coursera.org/>)



April 25, 2012

MIT+K-12

Making Video to Make a Difference
<http://k12videos.mit.edu/>



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=rBNe8CUePTQ&feature=youtu.be>



April 29, 2012

Open Education's Wide World of Possibilities, Chronicle of Higher Education, Katherine Mangan
http://chronicle.com/article/Open-Education's-Wide-World-of-Possibilities/131672?cid=at&utm_source=at&utm_medium=en



April 29, 2012

'Supersizing' the College Classroom: How One Instructor Teaches 2,670 Students
Chronicle of Higher Education, Marc Parry
<http://chronicle.com/article/Slide-Show-Technology-for/131711/>



John Boyer teaches a megaclass in current events at Virginia Tech in person—and holds online office hours using Ustream.

May 2, 2012

MIT and Harvard announce edX
<http://www.edxonline.org/about.html>
EdX: The Future of Online Education is Now
<http://www.youtube.com/watch?v=SA6ELDIRRU>



May 20, 2012
 Revenge of the Underpaid Professors, Chronicle of HE
<http://chronicle.com/article/Revenge-of-the-Underpaid/131919/>
Udemy
<http://www.udemy.com/>

June 5, 2012
 Certificates: Gateway to Gainful Employment and College Degrees, Anthony P. Carnevale, Stephen J. Rose, Andrew. R. Hanson, Georgetown University, Center on Education and the Workforce
http://www7.georgetown.edu/grad/appi/hpi/csw/pdf/Certificates_FullReport_061812.pdf

June 11, 2012
 4 Professors Discuss Teaching Free Online Courses for Thousands of Students
 Chronicle of Higher Education
<http://chronicle.com/article/4-Professors-Discuss-Teaching/132125/>

June 18, 2012
 Udacity to Launch 5 New Courses, from Statistics to Physics. Shooting for Largest Online Class Ever, Open Culture
http://www.openculture.com/2012/06/udacity_to_launch_5_new_classes.html

June 19, 2012
 Piazza Makes Stanford's iTunes U App Development Course Social, Forbes, Tomio Geron and
Stanford Social Network Class of 400,000

June 19, 2012
 UW System to offer new 'flexible degree' program, Matthew DeFour, Wisconsin State Journal

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=at&utm_source=at&utm_medium=em

On the Meaning of MOOC's
 "You thought I only have a high school degree. I'm a professional athlete!"



Q: You have been interested in education for quite a while. I was looking back at your 1996 book, *The Road Ahead*, and you laid out a vision of education and how it could be transformed with technology. It seems like some of that vision is still only just emerging, so many years later. Did it take longer than you thought it would?

July 2, 2012
Sign Up for Google's Power Searching Online Course to Boost Your Google-Fu
<http://lifehacker.com/5922804/sign-up-for-googles-power-searching-online-course-to-boost-your-google-fu>



Power Searching with Google
 ...a short course on becoming a great internet searcher

Course Details
 Power Searching with Google is a free online, community-based course...
 Ready to get started?

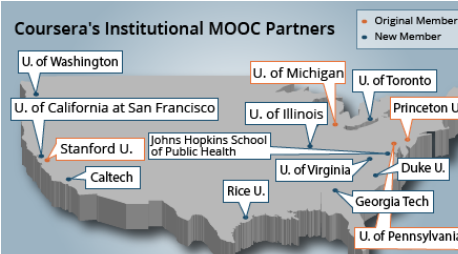
July 17, 2012
After Leadership Crisis Fueled by Distance-Ed Debate, UVa Will Put Free Classes Online.
 Chronicle of HE, Nick DeSantos
<http://chronicle.com/article/After-Leadership-Crisis-Fueled/132917/>

By Jack Stripling
 Teresa A. Sullivan will resign as the University of Virginia's president after just two years in office, the university and Ms. Sullivan announced on Sunday. While neither gave a specific reason, both alluded to significant disagreements between Ms. Sullivan and the Board of Visitors about how best to position the historic institution for success in the 21st century.

After Leadership Crisis Fueled by Distance-Ed Debate, UVa Will Put Free Classes Online
 In a brief statement, Ms. Sullivan, who will resign effective August 15, cited an unexpected "philosophical difference of opinion" with the board. While her being as the university's first female president was greeted with much fanfare in 2009, the board expressed an impatience for institutional transformations that has, by its members' accounts, yet to occur.



July 17, 2012
Into the Fray, Steve Kolowich, Inside Higher Education
<http://www.insidehighered.com/news/2012/07/17/iva-and-11-others-become-latest-plan-moocs#:ixzz20u9JXwW>



Coursera's Institutional MOOC Partners

- Original Member
- New Member

U. of Washington, U. of Michigan, U. of Toronto, U. of California at San Francisco, U. of Illinois, Princeton U., Stanford U., Johns Hopkins School of Public Health, U. of Virginia, Duke U., Caltech, Rice U., Georgia Tech, U. of Pennsylvania

Not on Map: Ecole Polytechnique Fédérale de Lausanne (Switzerland), U. of Edinburgh (U.K.)
 Source: Coursera
 Designed by Lauren Rouppas

July 23, 2012
Coursera course on Internet History, Technology, and Security, Chuck Severance
 42,000+ sign up...
<https://www.coursera.org/#/course/insidetheinternet>



Internet History, Technology, and Security
 What is the Internet? How was it created? How does it work?

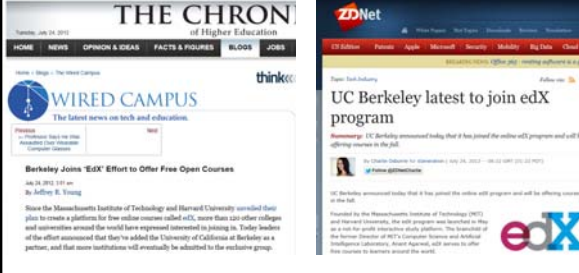
About the Course

July 23, 2012
Designing a New Learning Environment, Paul Kim, Stanford
http://www.youtube.com/watch?v=wu4XAVWrs_0&feature=youtu.be



Designing a New Learning Environment
 Paul Kim, Chief Technology Officer & Assistant Dean

July 24, 2012
UC Berkeley latest to join edX program, Charlie Osborne, ZDNet,
<http://www.zdnet.com/uc-berkeley-latest-to-join-edx-program-700001466/>
http://chronicle.com/blogs/wiredcampus/uc-berkeley-latest-to-join-free-course-provider-for-pedagogical-research-sources-at4um_medium-en



The image shows two side-by-side screenshots. The left one is from 'THE CHRON of Higher Education' with the headline 'Wired Campus: The latest news on tech and education.' The right one is from ZDNet with the headline 'UC Berkeley latest to join edX program'.

July 26, 2012
An Upstart Free Course Provider Holds a Cookout to Meet Its Students, Chronicle of Higher Education, Jeffrey R. Young
<http://chronicle.com/article/Multimedia/Why-Do-Students/13116/>



Kimberly Spillman, 38, San Diego
 "I was socializing with students way more than I ever had. We'd hang out in the pub."
 Charles Clark, 59, Washington, D.C.
 "I could have bought a book, but I think having a fixed deadline has a lot of value."
 Yichuan Cao, 23, Mountain View, Calif.
 "I probably wouldn't put that on my resume, but I would say I know how to do it."
 Amy Tam, 42, Sunnyvale, Calif.
 "What I am hoping for is, if there are questions, the local study group will help."

July 29, 2012
An Upstart Free Course Provider Holds a Cookout to Meet Its Students, Chronicle of Higher Education, Jeffrey R. Young
http://chronicle.com/article/Coursera.Throws-a-Massive/131227746-at4um_source-at4um_medium-en



The image is a screenshot of a Wired Campus article titled 'An Upstart Free Course Provider Holds a Cookout to Meet Its Students'.

August 2, 2012
At New Online University, Advertisers Will Underwrite Free Degrees, Chronicle of HE, Wired Campus, Angela Chen,
<http://chronicle.com/blogs/wiredcampus/at-new-online-university-advertisers-will-underwrite-free-degrees/28483>



The image is a screenshot of a Wired Campus article titled 'At New Online University, Advertisers Will Underwrite Free Degrees'.

August 4, 2012
Why Have Students Been Left Out of the MOOC Discussion?, HASTAC, Cathy Davidson
<http://hastac.org/blogs/cathy-davidson/2012/08/04/why-have-students-been-left-out-mooc-discussion>



The image is a screenshot of a HASTAC blog post titled 'Why Have Students Been Left Out of the MOOC Discussion?'.

Poll #2: Is this a revolution in education today?
 A. Yes...
 B. No...

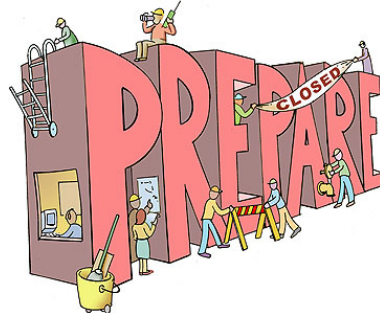


The image shows a poll graphic with several question marks of varying sizes and colors (white, red, grey) on a white background.

**Open Educational Resources:
Part II. 20 MOOC Guidelines**



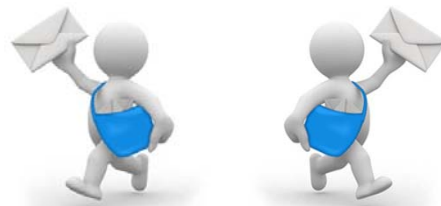
**MOOC Guide #1.
Plan and Prepare**



**MOOC Guide #2.
Market the Course
(especially to friends)**



**MOOC Guide #3.
Offer Multiple Types of
Contact Info**



**MOOC Guide #4.
Get Help/Assistance**



**MOOC Guide #5.
Designate Feedback
Providers and Tasks**



MOOC Guide #6.
Offer Ample Feedback
in Week One



MOOC Guide #7.
Use Peer, Machine, Volunteer,
and Self-Assessment



MOOC Guide #8.
Gather Geographic Data



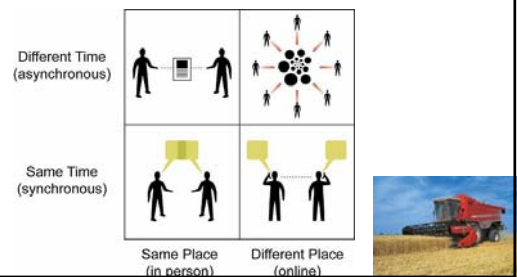
MOOC Guide #9.
Use a Warm and
Friendly Tone



MOOC Guide #10.
Form Groups and Social
Supports



MOOC Guide #11.
Combine Sync and Async
Instruction



MOOC Guide #12.
Arrive Early for Sync Session



MOOC Guide #13.
Allocate Ample Q&A Time During Sync Session



MOOC Guide #14.
Share Resources



MOOC Guide #15.
Personalize Where Possible!



MOOC Guide #16.
Use Polling Questions

Poll #7:
I will continue to enter this class to review resources and interact with others...

- A. Yes
- B. No

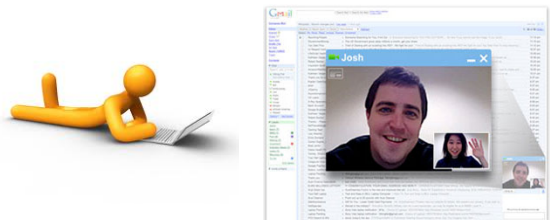


Poll #10:
What Week have you liked the most so far?

- A. Week 1: TEC-VARIETY (motivation/retention)
- B. Week 2: R2D2 (diversity & learning styles)
- C. Week 3: Critical/Creative Thinking & Collab
- D. Week 4: Shared Online Video
- E. Week 5: Question and Answers



MOOC Guide #17.
Check Chat Window for Comments and Questions



MOOC Guide #18.
Try a Top 3 Activity in
Chat Window



MOOC Guide #19.
Offer Weekly Recaps and
Updates

Let's
Recap



MOOC Guide #20.
Be Willing to Change
Midstream



Open Educational Resources:
Part III. Type of MOOCs




MOOC Type #1.
Alternative Admissions Systems
or Hiring System MOOC




MOOC Type #2.
Just-in-Time Skills and
Competencies MOOC



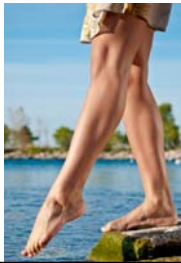
MOOC Type #3.
Theory- or Trend-Driven
MOOC



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




MOOC Type #5.
Loss Leader
(dip toe in water) MOOC



Poll #3:
Which of these MOOCs seem
viable to you?


- A. Alternative Admission and Hiring
- B. Just-in-Time Skills and Competencies
- C. Theory or Trend
- D. Professional Development
- E. Loss Leader



MOOC Type #6.
Bait and Switch MOOC



MOOC Type #7.
Experimental MOOC



MOOC Type #8.
Degree or Program Qualifier
or System Bottleneck MOOC

MOOC Type #9.
Personality MOOC

MOOC Type #10.
Name Branding MOOC

Poll #4:
Which of these MOOCs seem viable to you?

- A. Bait and Switch
- B. Experimental
- C. Degree Qualifier & System Bottleneck
- D. Personality
- E. Name Branding


MOOC Type #11.
Goodwill MOOC

MOOC Type #12.
Interdisciplinary MOOC

MOOC Type #13.
Recruiting MOOC
(companies pay for names and contact info of high performers)



MOOC Type #14.
Marketing MOOC
(content provided in the MOOC that fosters product discussion)




MOOC Type #15.
Conference MOOC
(stretch a conference)



Poll #5:
Which of these MOOCs seem viable to you?

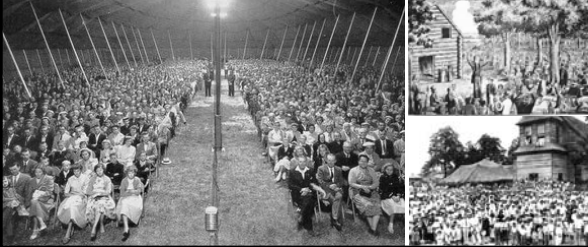
- A. Goodwill
- B. Interdisciplinary
- C. Recruiting
- D. Marketing
- E. Conference



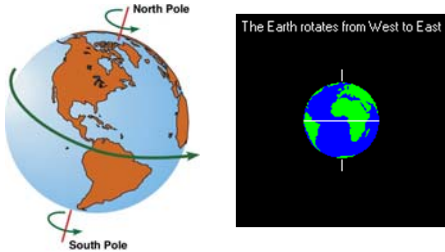
MOOC Type #16.
Learning Room MOOC
(space to play with ideas)



MOOC Type #17.
Religious Revival MOOC



MOOC Type #18.
Rotating MOOC



MOOC Type #19.
Repeatable MOOC



MOOC Type #20.
Reusable MOOC



Poll #6:
Which of these MOOCs seem viable to you?

- A. Learning Room
- B. Religious Revival
- C. Rotating
- D. Repeatable
- E. Reusable



Open Educational Resources:
Part IV. Possible 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



MOOC Business Model #5.
Enhanced Course Fee
(same rate as other online courses)



Poll #7:
Which of these business models sounds the most viable?

- A. Advertisement Underwrites
- B. Small Enrollment/App Fee
- C. Assessment Fee
- D. Certificate Fee
- E. Enhanced Course Fee



MOOC Business Model #6.
Option for University Credit
(full price)



**MOOC Business Model #7.
Company Sponsored**



**MOOC Business Model #8.
Percent of First Year Salary**



**MOOC Business Model #9.
Sell or Lease Courses
(e.g., to Community Colleges)**



**MOOC Business Model #10.
Share Revenues
(i.e., professors, university, companies)**



**Poll #8:
Which is these business models
sounds the most viable?**

- A. University Credit Fee
- B. Company Sponsored
- C. Percent of First Year Salary
- D. Sell or Loan Course (e.g., Community Colleges)
- E. Share Revenues



The World is Open!

Write to me with questions and comment
cjbonk@indiana.edu
<http://mypage.iu.edu/~cjbonk/>

