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

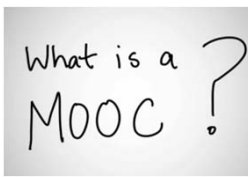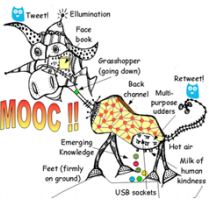Curtis J. Bonk,
Professor, Indiana University
cjbonk@indiana.edu
http://mypage.iu.edu/~cjbonk/

Reflect on and share the recent MOOC news... (99 seconds)

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

Gordon Lockhart, iBerry, http://iberry.com/
http://gbl55.wordpress.com/2011/03/08/cck11-man-this-mooc-is-something-else/

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=en

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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

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September 21, 2012
As Online Courses Grow, Sites Offering Unauthorized Academic Help Get More Brazen, Chronicle of Higher Education, Alisha Azevedo
http://chronicle.com/blogs/wiredcampus/as-online-courses-grow-sites-offering-unauthorized-academic-help-get-more-brazen/40037?sid=wc&utm_source=wc&utm_medium=en

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-youd-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/edlife/massive-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 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**

Low-Cost Threatens the Credential
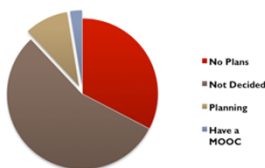Competition from lower cost providers takes many different forms, and not all are equally disruptive

---

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.pearsonlearningsolutions.com/assets/downloads/reports/changing-course-survey.pdf

Plans for MOOCs - 2012

- No Plans
- Not Decided
- Planning
- Have a MOOC

BABSON Survey Research Group

PEARSON   SLOAN-C

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

February 8, 2013
MOOC-tastic or MOOC-trocious?, Dr. Susan C. Aldridge, AASCU
http://www.drsusanaldridge.com/keynote-by-dr-susan-aldridge-exploring-the-academic-value-of-higher-educations-latest-trend/
http://www.drsusanaldridge.com/speeches-by-susan-aldridge/

February 20, 2013
UW-Madison to expand distance learning with Massive Open Online Courses, Kari Knutson, University of Wisconsin-Madison News
http://www.news.wisc.edu/21520?utm_source=iUW&utm_medium=email&utm_campaign=iUW2013-02-21

February 20, 2013
To Fix Its Education System, India Should Look to MOOCs
William H. Avery, Chronicle of Higher Education
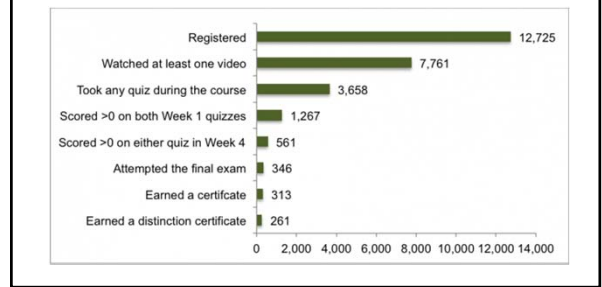http://chronicle.com/blogs/worldwise/to-fix-its-education-system-india-should-look-to-moocs/31789

February 24, 2013
Big (MOOC) Data, Inside Higher Education, Dayna Catropa
http://www.insidehighered.com/blogs/stratedgy/big-mooc-data

February 5, 2013
Bioelectricity: A Quantitative Approach, Duke University's First MOOC
http://dukespace.lib.duke.edu/dspace/bitstream/handle/10161/6216/Duke_Bioelectricity_MOOC_Fall2012.pdf
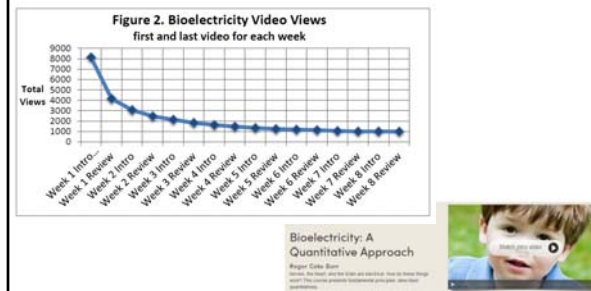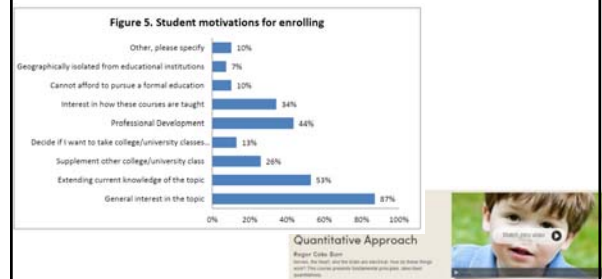

February 5, 2013
Bioelectricity: A Quantitative Approach, Duke University's First MOOC
http://dukespace.lib.duke.edu/dspace/bitstream/handle/10161/6216/Duke_Bioelectricity_MOOC_Fall2012.pdf

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

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

February 27, 2013 (Inside HE)
TopFreeClasses
http://www.topfreeclasses.com/

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

March 7, 2013
At South by Southwest Education Event, Tensions Divide Entrepreneurs and Educators, Jeffrey R. Young, Chronicle of HE,
http://chronicle.com/blogs/wiredcampus/at-south-by-southwest-education-event-tensions-divide-entrepreneurs-and-educators/42777

March 14, 2013
California's Move Toward MOOCs Sends Shock Waves, but Key Questions Remain Unanswered, Lee Gardner and Jeffrey R. Young Chronicle of HE
http://chronicle.com/article/California-Considers-a-Bold/137903/

March 17, 2013
Globalizing MOOCs
Steve Kolowich, Inside Higher Ed
http://www.insidehighered.com/blogs/globalhighered/globalizing-moocs

Globalizing MOOCs
March 17, 2013 - 5:45pm
By Kris Olds

After nearly 12
when acting a
amazing place

I noted
JS is an
ed to

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#id=overview

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

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

FROM THE SURVEY

Do you believe MOOCs could eventually reduce the cost
of attaining a college degree at your institution?
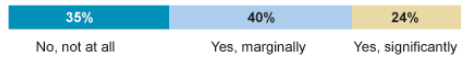
35%	40%	24%
No, not at all	Yes, marginally	Yes, significantly

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

Do you believe MOOCs could eventually reduce the cost
of attaining a college degree in general?
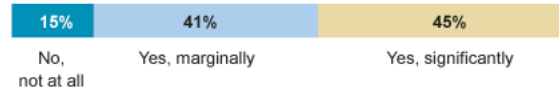
15%	41%	45%
No, not at all	Yes, marginally	Yes, significantly

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

Did teaching a MOOC cause you to divert time from other
duties, such as research, committee service,
or traditional teaching?

19%	26%	55%
Not at all	Somewhat	Yes
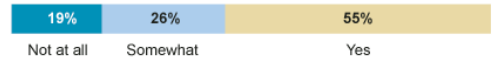
Note: Because of rounding, percentages may not add up to 100 percent.

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

Do you believe your home
institution will eventually
grant formal credit to
students who succeed in
your MOOC?
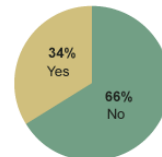
34%
Yes

66%
No

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

Do you believe students who succeed in your MOOC deserve formal credit from your home institution?

28% Yes
72% No

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#id=overview

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

21% No
79% Yes

February 21, 2013
What is a MOOC? 100k people want to know.
UPEI, University of Prince Edward Island,
http://research.upei.ca/blogs/2013/02/21/what-mooc-100k-people-want-know

UPEI UNIVERSITY ISLAND | RESEARCH SERVICES

About Us   Research Services   Our Chairs   Institutes, Centres, and Groups   Commercialization   Find a Researcher

What is a MOOC? 100k people want to know.

Posted on Thursday, 21 February 2013

One of the most discussed recent trends in education is the Massive Open Online Course, or MOOC. This model of free and open university courses is now offered by education giants such as Stanford and M.I.T., and has strong early connections to UPEI.

The acronym MOOC is usually credited to Dave Cormier, UPEI's Manager of Web Communications and Innovations and a prominent blogger and

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April 2, 2013
Stanford to help build edX MOOC platform,
Washington Post, Nick Anderson
http://www.washingtonpost.com/local/education/stanford-to-help-build-edx-mooc-platform/2013/04/02/5b53bb3e-9bbe-11e2-9a79-eb5280c81c63_story.html

Jeff Martin for The Washington Post - Anant Agarwal, president of edX, at Washington Post Live's Education forum Dec. 10, 2012.

April 5, 2013
The Minerva Moment
Inside Higher Education
http://www.insidehighered.com/news/2013/04/05/minerva-project-plans-different-kind-online-education

The Minerva Moment?

April 5, 2013 - 3:00am
By Ry Rivard

The Minerva Project, an airy-sounding venture in San Francisco aiming to create an elite university for the 21st century, just poached a top academic from Stanford University. The company made a splash last year for attracting $25 million in venture capital and vowing to transform global higher education. Now it's going to need to raise more money, develop software, hire professors and recruit enough students to open its doors by fall 2015.

Related Articles

World Education
University looks to ride the MOOC wave despite skeptics

Except Minerva's doors won't open to anything resembling a traditional university: the for-profit startup expects top students will fly across the world to sit in front of computers. Professors could be located anywhere in the world. Now, Minerva will need to make good on its

---

April 10, 2013,
California State U. System Will Expand MOOC Experiment, Chronicle of Higher Education, Steve Kolowich
http://chronicle.com/blogs/wiredcampus/california-state-u-system-will-expand-mooc-experiment/43361?cid=pm&utm_source=pm&utm_medium=en

California State U. System Will Expand MOOC Experiment

April 10, 2013, 3:34 pm
By Steve Kolowich

San Jose State University plans to widen its relationship with edX, the nonprofit provider of massive open online courses, and the California State University system is encouraging similar experiments on 11 other campuses.

The moves were announced on Wednesday, just two semesters after San Jose State began a pilot project with edX to improve teaching and learning in its own classrooms. The university will incorporate three to five new edX courses into its local curriculum next fall, including courses in the humanities and social sciences.

Poll #1:
Have you participated in a MOOC before?

A. Yes

B. No

Mystery of MOOCs:
Part II. 15 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/)

MOOC Leadership Principle #2:
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 #3:
Take Risks
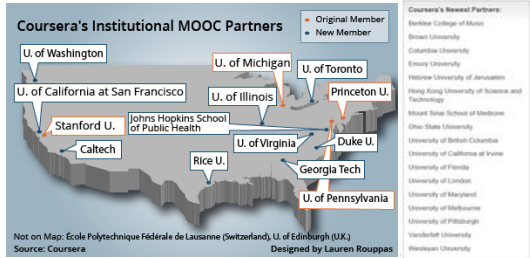**January 23, 2012, Udacity- Sebastian Thrun**
http://www.udacity.com/

MOOC Leadership Principle #4:
Rethink Open Courses, Assessment, Certification, Students, etc.
February 15, 2012
Guess what! You just got into MIT!
http://www.marketplace.org/shows/marketplace-tech-report

MOOC Leadership Principle #5:
Form Symbiotic Partnerships
April 18 and Sept 19, 2012: Coursera
(https://www.coursera.org/)

Coursera's Institutional MOOC Partners

- Original Member
- New Member

Coursera's Newest Partners:
Berklee College of Music
Brown University
Columbia University
Emory University
Hebrew University of Jerusalem
Hong Kong University of Science and Technology
Mount Sinai School of Medicine
Ohio State University
University of British Columbia
University of California at Irvine
University of Florida
University of London
University of Maryland
University of Melbourne
University of Pittsburgh
Vanderbilt University
Wesleyan University

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

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

August 10, 2012
Coursera Hits 1 Million Students, With Udacity Close Behind,
Jeffrey R. Young, Chronicle of Higher Ed
http://chronicle.com/blogs/wiredcampus/coursera-hits-1-million-students-with-udacity-close-behind/38801

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

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

Empowering Learning Through Community

Welcome to Instructional Ideas and Technology Tools for Online Success

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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 21:44 ET

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 computers, tablets or smartphones.

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

MOOC Leadership Principle #6:
Offer Incentives
May 20, 2012
Udemy: http://www.udemy.com/

Revenge of the Underpaid Professors

Ancient Greek Religion

MOOC Leadership Principle #7:
Collect Testimonials
June 11, 2012
http://chronicle.com/article/4-Professors-Discuss-Teaching/132125/

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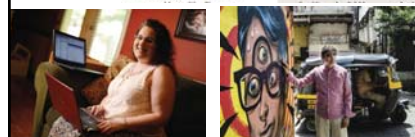4 Professors Discuss Teaching Free Online Courses for Thousands of Students
By Jeffrey R. Young

Reworking a Course Into an Online Format: 'Sort of Like Moving'

Peter Struck: Associate professor of classical studies, University of Pennsylvania, teaching via Coursera

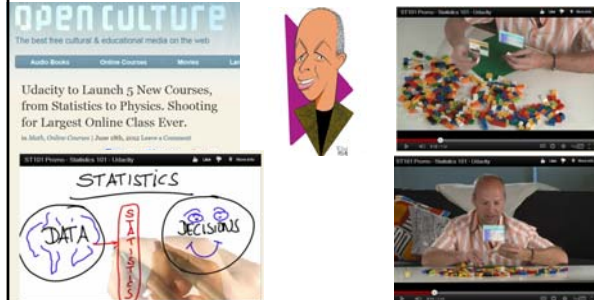"You find things in the version of the course you know well and

MOOC Leadership Principle #8:
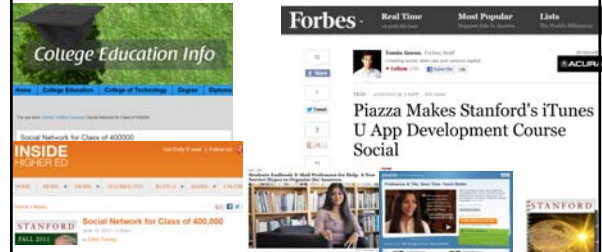### Set Bold (i.e., Audacious) Goals
June 18, 2012
http://www.openculture.com/2012/06/udacity_to_launch_5_new_classes.html

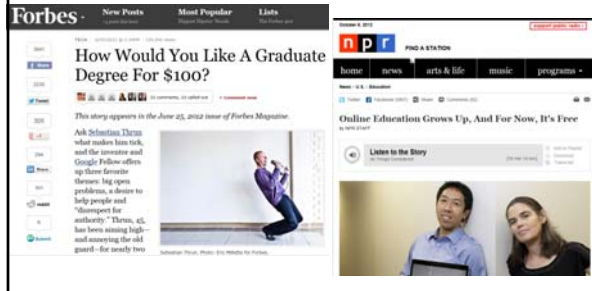## MOOC Leadership Principle #9:
Set Newsworthy Records
June 19, 2012
Piazza in Stanford Class of 400,000

MOOC Leadership Principle #10:
Generate Media Attention
June 25, 2012
http://www.forbes.com/sites/georgeanders/2012/06/05/udacity-sebastian-thrun-disrupting-higher-education/

MOOC Leadership Principle #11:
Build on Strengths and Niche Areas
July 2, 2012
http://lifehacker.com/5922804/sign-up-for-googles-power-searching-online-course-to-boost-your-google+fu

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

Fall 2012 (Paul Kim: Oct 15, 2012)
Stanford Venture Lab (MOOCs)
http://venturelab.stanford.edu/
http://venture-lab.org/education
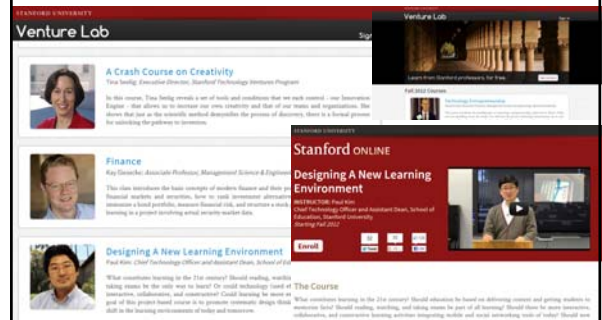
MOOC Leadership Principle #12:
Do Not Make Rash Decisions
July 17, 2012
http://chronicle.com/article/After-Leadership-Crisis-Fueled/132917/

MOOC Leadership Principle #13:
Be Proactive in Addressing Concerns
August 16 & September 6, 2012
http://chronicle.com/article/Dozens-of-Plagiarism-Incidents/133697/

MOOC Leadership Principle #14:
Give Something Away
September 12, 2012
http://www.youtube.com/watch?feature=player_embedded&v=GAY5lCoVnA8

MOOC Leadership Principle #15:
Ask Questions
Sept 3, Oct 1, & Dec 17, 2013
Chronicle of Higher Education
http://chronicle.com/article/Massive-Excitement-About/134678/

Poll #2: Are MOOCs creating a revolution in education today?
A. Yes…
B. No…

Mystery of MOOCs:
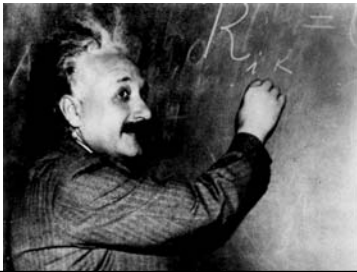### Part III. 15 Types of MOOCs

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

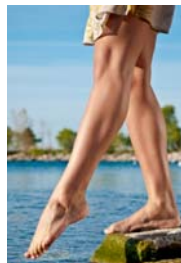**MOOC Type #2.**
Just-in-Time Skills and Competencies MOOC

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

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

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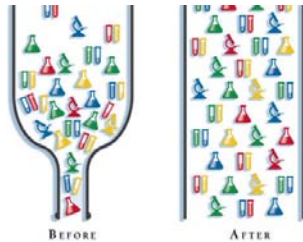**Loss Leader (dip toe in water) MOOC**

Poll #3:
Which is 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.
Degree or Program Qualifier or System Bottleneck MOOC

MOOC Type #7.
Personality MOOC

MOOC Type #8.
Name Branding MOOC

MOOC Type #9.
Goodwill MOOC

MOOC Type #10.
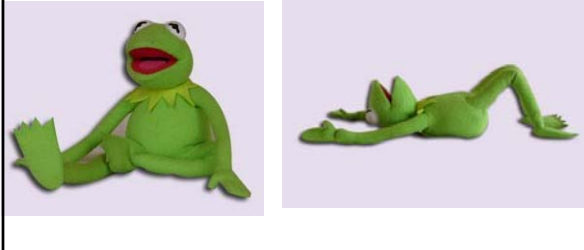### Interdisciplinary MOOC

MOOC Type #11.
Recruiting MOOC
(companies pay for names and contact info of high performers)

MOOC Type #12.
Conference MOOC
(stretch a conference)

MOOC Type #13.
Rotating, Repeatable,
and Reusable MOOC

MOOC Type #14.
Oral History MOOC

MOOC Type #15.
Remedial Course MOOC

Mystery of MOOCs:
Part IV. A Dozen 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
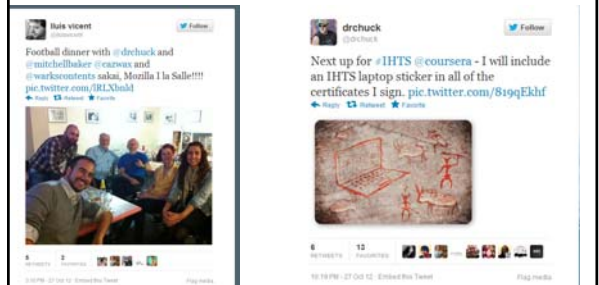

MOOC Business Model #3.
Course Assessment Fee

MOOC Business Model #4.
Certificate Fee (with sticker)
https://twitter.com/drchuck/status/262423228717355009/photo/1

October 27, 2012
Chuck Severance in Barcelona
(football dinner & course stickers)
https://twitter.com/lluisvicent/status/262315328116228096/photo/1
https://twitter.com/drchuck/status/262423228717355009/photo/1

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

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

October 29, 2012
Antioch U. Will Offer MOOC's for Credit Through Coursera, Nick DeSantis, Chronicle of Higher Education
http://chronicle.com/blogs/ticker/antioch-u-will-offer-moocs-for-credit-through-coursera/51252

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)

MOOC Business Model #11.
Free Entryway Course

Slide 1

January 8, 2013
eCornell Offers a MOOC That Steers Students to a Paid Follow-Up, Katherine Mangan, Chronicle of Higher Education
http://chronicle.com/blogs/wiredcampus/coursera-announces-details-for-selling-certificates-and-verifying-identities/41519?cid=at&utm_source=at&utm_medium=en

eCornell Offers a MOOC That Steers Students to a Paid Follow-Up

Slide 2

January 23, 2013
Academic Partnerships Launches MOOC2Degree Initiative, Press Release
http://www.mooc2degree.com/press.php#.UP-uV-i7AII

The New York Times

Public Universities to Offer Free Online Classes for Credit
By TAMAR LEWIN
Published: January 23, 2013

Slide 3

MOOC Business Model #12.
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

Slide 4

Reflect on the MOOC news now...what new news did you learn?

Slide 5

Mystery of MOOCs:
Part V. 10 MOOC Instructor Guidelines

Teaching a MOOC on Coursera

Slide 6

MOOC Instructor Guide #1.
Plan and Prepare

THE CONVERSATION

ONLINE STUDY MODEL – DYNAMIC

MOOC Guide #2.
Designate Feedback
Providers and Tasks

MOOC Guide #3.
Offer Ample Feedback
in Week One

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

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MOOC
Massive Open Online Course

- Course title - "Designing a New Learning Environment"
- After the intro video – 20,000 students
- Global perspectives / Global participation – close to 170 countries / Global teams
- Lecture videos, articles, hands-on project assignments, and lots of discussions and idea sharing

Results for **http://venture-lab.org/education**

Tweets Top / All / People you follow

WAFA AHMAD ALALAWI @wafanet   2h
I just enrolled for Designing a New Learning Environment a free class on Venture Lab. venture-lab.org/education
Expand

openeducation @openeducation2   8 Sep
Venture Lab: bit.ly/QrWEhk
Expand

عبدالله فيصل @a_fai9al   7 Sep
شوف هذا الرابط يا صديقي ، و venture-lab.org/education @Alhoyani_A
ايش رايك نلتقي قريبا ؟
Expand

Nick Robinson @nmkrobinson   7 Sep
Interested, @baanderson? MT @rodgammon: Stanford offers course on designing learning systems, project is to spec LMS. venture-lab.org/education
Expand

Week 1 Introductions

Instructor can make question, comment, topic stickier if wanted.

Last Updated | Most Voted | Most Recent — Start a New Thread

Threads	Vote(s)	Replies	Views	Last Post
It's time for the left out people to exercise their right to educate themselves — by horacio de la cruz baeza	7	3	31	1 day ago by Anthony Borrow
Design Thinking, Learning and Building on Value — by Catalina Butnaru	7	24	226	17 minutes ago by Sheila Unwin
Open Source+Open Content+Open Community = Open Education — by Anthony Borrow	5	3	27	about 24 hours ago by Anthony Borrow
Creativity, Education, Technology and Arts — by Luis Galindo	5	3	45	1 day ago by Luis Galindo

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Student Feedback

Unbundling

Instructor-student communication:
- Regular ongoing discussions
- Entire teaching team involved - professor, TA's and Vlab support team
- Maintained on-topic focus in Q&A
- >50% students RSS feed discussions
- Core group of students maintained high level of interaction throughout

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dnle journal review — Upload

"Mobile Innovations, executive functions, and educational developments in conflict zones: a case study from Palestine"

Individual Assignment #5 - Response to a Journal Article

Marc Schnau · 3 videos

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Submitted Evaluations

Thank you for submitting your evaluation. You can view your evaluation and compare it against other evaluations in this page.

A. Creativity and originality of the design
B. Educationally sound
C. Engagement and interactivity
D. Accessibility
E. Scalability and sustainability

	A	B	C	D	E	
You	7	8	8	7	7	
Review 2	8	8	8	8	8	
Review 3	8	7	7	5	5	
Review 4	8	8	8	7	4	
Review 5	8	8	8	9	9	
Review 6	8	8	8	9	8	
Review 7	9	9	9	8	8	
Review 8	7	8	8	5	4	
Review 9	8	8	8	8	3	
Review 10	8	8	8	8	8	

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School on Wheels for the 21st Century

★ Proposed project or topic area: Rural Education. ★ Technology we are interested in: Mobile.

Let's design a new school of wheel of the 21st century. We are interested in designing a self-sustainable portable school model for extremely underserved regions. We need educators, computer programmers, network experts, graphic designers, and business strategists. Let's discuss topics related to rural education, mobile learning, self-organized learning centers, etc. Please join us and introduce

... More »

About 270 projects
Average team size 6
School district team of 2

Members (9)

✓ Grace Cho (Team Lead)
✓ Shivalaxmi Arumugham — Chittagong, Chittagong Division, Bangladesh
✓ nasrin mohammadhasani
✓ justina kim

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Slide 1

DESIGNING A NEW LEARNING ENVIRONMENT

Ongoing student effort
Development and management of DNLE Alumni Website
Continuous active Connectivist Learning
MOOC turning into MOOC (Massive Ongoing Online Course)

2013

Slide 2

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"I love that idea of the BETA SPIRIT"

"fear of making mistakes is one of the biggest barriers"

"mistakes, which are an essential part of learning - and change"

Slide 3

MOOC Guide #4.
Gather Geographic Data

The World

Slide 4

October 22, 2012
Chuck Severance in Seoul
http://www.youtube.com/watch?v=nHaPvqU4MrM

Julie

Choongil

Slide 5

MOOC Guide #5.
Form Groups and Social Supports

Slide 6

MOOC Guide #6.
Combine Sync and Async Instruction

Different Time (asynchronous)

Same Time (synchronous)

Same Place (in person)   Different Place (online)

Paul Kim, Stanford: Oct 28, 2012

17,380 students. I haven't met f2f. I am shocked to see students from places where Internet is very limited. You will find students from even Zanzibar!!! Many teams are formed and they meet f2f in the region where they live.

http://venture-lab.org/education/

MOOC Guide #7.
Arrive Early for Sync Session

MOOC Guide #8.
Allocate Ample Q&A Time During Sync Session

MOOC Guide #9.
Share Resources

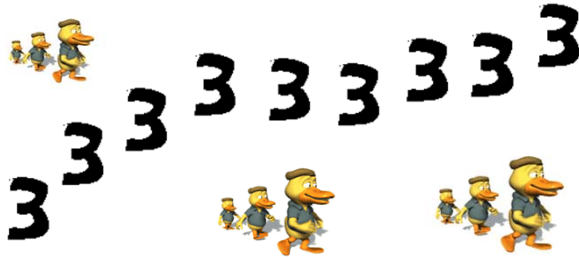

MOOC Guide #10.
Personalize Where Possible!

October 27, 2012
Chuck Severance (U Michigan/Coursera) in Barcelona
http://www.youtube.com/watch?v=JzNHvmSv8TI

Stop and Share:
Three Words from this session!

Any Questions?

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