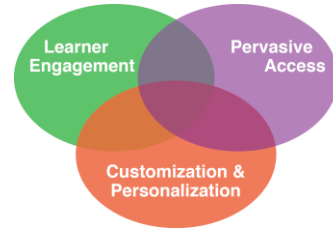


## Innovations in Education: How to Use Social Media, Mobile Learning, MOOCs and Open Educational Resources to Transform Learning

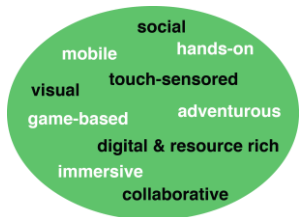
Curt Bonk, Indiana University, [cjbonk@indiana.edu](mailto:cjbonk@indiana.edu)  
November 9, 2017



## 30+ Ways Learning is Changing: The Mega Trends



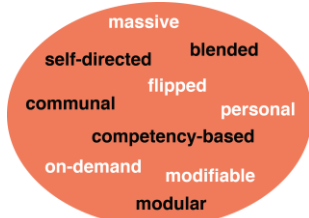
## How Learning is Changing: Mega Trend #1. Learner Engagement



## How Learning is Changing: Mega Trend #2. Pervasive Access



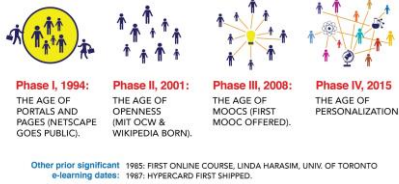
## How Learning is Changing: Mega Trend #3. Customization



## 30+ Ways Learning is Changing: Recapping the Three Mega Trends: Engagement, Access, and Customization



## The Evolution of E-Learning (All 7 year cycles)

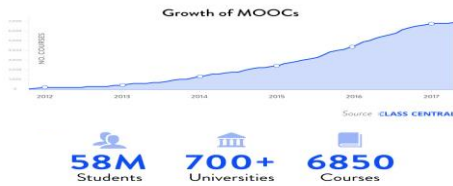


## June 15, 2017 Massive List of MOOC Providers Around The World (Where to Find MOOCs: The Definitive Guide to MOOC Providers ) Class Central, Dhawal Shah



## Research Background

### The Numbers: MOOCs in 2016 (Dec 25<sup>th</sup>, Class Central)



MOOCs in 2016: Analysis by Class Central

9

## Top 5 MOOC Providers by Number of Registered Users, 2017

Almanac 2017 | August 13, 2017

Rank	Provider	Registered users
1.	Coursera (U.S.)	27 million
2.	edX (U.S.)	11 million
3.	XuetangX (China)	7 million
4.	FutureLearn (Britain)	6.3 million
5.	Udacity (U.S.)	6 million

## August 7, 2017 1. MOOCs for Credit

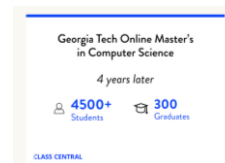
FutureLearn and Coventry University to Roll Out 50 Online Degrees  
Class Central, Dhawal Shah

<https://www.class-central.com/report/futurelearn-coventry-university-roll-50-online-degrees/>

Degree	Provider	University	Cost
MSc Computer Science	Udacity	Georgia Tech	\$6,800
MSc Analytics	edX	Georgia Tech	\$10k
MBA	Coursera	University of Illinois	\$22k
MSc CS Data Science	Coursera	University of Illinois	\$18.2k
MSc Accounting	Coursera	University of Illinois	\$27.2k
Masters in Innovation and Entrepreneurship	Coursera	HEC Paris	€20k
Cyber Security (Masters)	FutureLearn	Coventry University	£24k
Development and Humanitarian Action (Masters)	FutureLearn	Coventry University	£24k
Professional Practice Information Technology (Masters)	FutureLearn	Coventry University	£24k

## August 7, 2017 FutureLearn and Coventry University to Roll Out 50 Online Degrees Class Central, Dhawal Shah

<https://www.class-central.com/report/futurelearn-coventry-university-roll-50-online-degrees/>





**May 20, 2016**  
**6. MOOCs for Development**  
**agMOOCs (India)**  
<http://www.agmoocs.in/>



**Chapter 18: Changing the Tune: MOOCs for Human Development? A Case Study**  
**MOOCs for Development**  
 Balaji Venkatataraman and Asha Kanwar, COL



**Chapter 19: Harnessing the Power of Open Learning to Share Global Prosperity and Eradicate Poverty**  
**7. MOOCs for Societal Issues**  
 Sheila Jagannathan, World Bank, Washington DC

Figure 1: World Bank Group Twin Goals



**August 23, 2017**

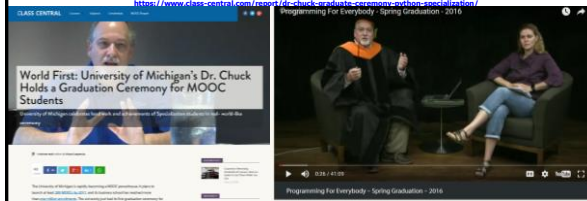
**8. MOOCs for Explaining Trends and Innovations**  
 George Siemens and David Wiley Join Forces for a MOOC About Open Education  
 Manuela Ekowo, EdSurge

<https://www.edsurge.com/news/2017/08/23/george-siemens-and-david-wiley-join-forces-for-a-mooc-about-open-education>  
<https://www.edx.org/course/introduction-open-education-starlingfox-link-ox>



**June 14, 2016**  
**9. MOOC for Equipping Teachers with Needed Skills (e.g., programming)**  
 Chapter 15: Learning About MOOCs by Talking to Students  
 Charles Severance, Univ. of Michigan  
 Anuar Lequerica, Class Central

<https://www.class-central.com/report/6-check-gradients-ceremony-author-specialization/>



**April 20, 2015**  
**10. MOOCs for the Disadvantaged and Underprivileged**

**250 MOOCs and Counting: One Man's Educational Journey, Chronicle of Higher Education**  
<http://chronicle.com/article/250-MOOCsCounting-One/229397?cid=at>  
 If the MOOC movement has faded, nobody told Jima Ngei. Mr. Ngei, who lives in Port Harcourt, Nigeria, has completed and passed 250.



Jima Ngei: "I had this unrelenting fear that this miracle of free access might evaporate soon."

**May 4, 2016****11. MOOCs for Screening Talent****This Mongolian Teenager Aced a MOOC**

(140,000 people take the MIT MOOC on Circuits and Electronics, 1 of 300 to get a perfect score)

The Chronicle of Higher Education, Jeffrey R. Young

<https://chronicle.com/article/This-Mongolian-Teenager-Aced-a-MOOC/236362>

THE CHRONICLE OF HIGHER EDUCATION

**This Mongolian Teenager Aced a MOOC. Now He Wants to Widen Their Impact.**

By Jeffrey R. Young | May 4, 2016



This is the latest episode of our new podcast series on the future of higher education. You can subscribe to iTunes to get prior and future episodes.

**May 4, 2016****12. MOOCs for Spirituality****MOOC 4.0: The Next Revolution in Learning & Leadership, Otto Scharmer, Huffington Post**[http://www.huffingtonpost.com/otto-scharmer/mooc-40-the-next-revolution\\_3\\_2309068.html](http://www.huffingtonpost.com/otto-scharmer/mooc-40-the-next-revolution_3_2309068.html)**August 12, 2016****13. MOOCs for Personal Change****A Life of Happiness and Fulfillment**

Indian School of Business, Rajagopal Raghunathan

<https://www.class-central.com/mooc/2860/courses-a-life-of-happiness-and-fulfillment>

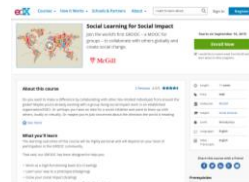
**A Life of Happiness and Fulfillment**  
Indian School of Business, Rajagopal Raghunathan

A Life of Happiness and Fulfillment

**September 15, 2015****14. MOOCs for Social Impact**

Social Learning for Social Impact, edX

Join the world's first GROOC – a MOOC for groups – to collaborate with others globally and create social change.

<https://www.edx.org/course/social-learning-social-impact><https://www.youtube.com/watch?v=358xvW9u3L7&list=PL78M61>**October 7, 2014****15. MOOCs for Public Health****ALISON: Global Health Initiatives**

Online Mooc courses deliver Ebola health advice, BBC News, Sean Coughlan

<http://www.bbc.com/news/education-29521360><http://www.alisonlearning.com/why-wait-for-others-to-fight-ebola>

WHY WAIT FOR OTHERS TO FIGHT  
EBOLA?

Disinfecting a room in Monrovia, Liberia: Online courses are providing health advice to fight Ebola.

**August 24, 2016****16. MOOCs for Cultural Expansion****K-MOOCs (and ocMOOCs and hMOOCs)**

Revolutionizing online education

Professor creates courses tailored to cultural differences

Korea JoongAng Daily, Bong-Moon Kim

<http://www.kmooc.kr/>

**August 20, 2015****17. MOOCs for Fantasy Worlds**

Syracuse professor offers free 'Star Trek' class to the public, USA Today, Amari D. Pollard, LeMayne College

<http://college.usatoday.com/2015/08/20/syracuse-professor-offers-free-star-trek-class-to-the-public/>

**August 23, 2017**
**18. MOOCs for Experimentation and Potential Disruption**  
**'Disrupt This!'**

Doug Lederman, Inside Higher Ed

**August 9, 2017****19. MOOCs for Free College**

New Venture Will Offer Free Courses That Students Can Take for College Credit

Goldie Blumenstyk, The Chronicle of Higher Education

New Venture Will Offer Free Courses That Students Can Take for College Credit

By Goldie Blumenstyk | AUGUST 9, 2017  
(When College Is Free, or Free-ish)

**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.

**20. MOOCs for Life Change**

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."

**Documenting Success Stories****MOOC Benefits and Impact**

Who's Benefiting from MOOCs, and Why  
Chen Zhenghao, Brandon Alcorn, Gayle Christensen, Nicholas Eriksson, Daphne Koller, Ezekiel J. Emanuel, Harvard Business Review  
<https://hbr.org/2015/07/whos-benefiting-from-moocs-part-2>

**The Career Benefits of MOOCs**

As reported by those who stated career benefits as their primary reason for completing a MOOC.





**September 22, 2015**

## Who's Benefiting from MOOCs, and Why

Chen Zhenghao, Brandon Alcorn, Gayle Christensen, Nicholas Eriksson, Daphne Koller, Ezekiel J. Emanuel, Harvard Business Review  
<https://hbr.org/2015/09/whos-benefiting-from-moocs-and-why>

### The Educational Benefits of MOOCs

As reported by those who stated educational benefits as their primary reason for completing a MOOC.



SOURCE: COURSEWORK SURVEY DATA

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## Any Questions or Comments?

**MOOCsBook:** <http://moocsbook.com/>

**Slides at:** [TrainingShare.com](http://TrainingShare.com)

**Papers:** [PublicationShare.com](http://PublicationShare.com)

**Free book:** <http://tec-variety.com/>

**Email:** [curt@worldisopen.com](mailto:curt@worldisopen.com)



**MOOCs and  
Open Education**  
AROUND THE WORLD

