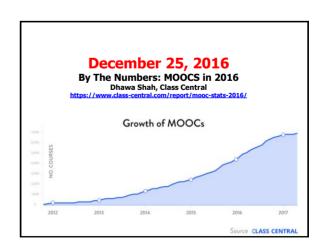


Type of MOOC	cMOOC	xMOOC	pMOOC
Learner Role	Active	Passive	Active
Instructor Role	Co-learner	Sage on video stage	Guide on the side
Learning Theory	Connectivism	Behaviorism	Constructivism
Primary Pedagogy	Knowledge integration	Knowledge duplication	Knowledge production
Metaphor	"We link movies"	"We watch movies"	"We make movies"
Development Approach	Learning design	Instructional design	Educational design research
Primary Type of Assessment	Self Assessment	External and/or Peer Assessment	Self and/or Client Assessment
Funding Source	Seat of the pants funding	Large external funding	Moderate client provided funding



#### January 14, 2016

#### Why You Should Care That MOOCs Had a Great 2015

**Bravetta Hassell, Chief Learning Officer** 

#### data collected by Class Central:

- No longer are MOOC providers offering free certificates. At Coursera, the average course is \$56; at edX, it's \$53.
- 75 percent: the amount of courses available in English (was 80 percent in 2014).
- 2,200: courses offered for the first time.
- **Reportlinker** estimates the MOOC market to grow by nearly \$7 billion by 2020.

February, 2016
MOOCWatch Feb 2016: More Students, More Price Points, More Models. Anuar Andres Lequerica is Class Central's analyst

- Arabic MOOC platform Nadrus has reached 100,000 students.
- Brazilian MOOC platform Veduca has reached 800,000 students.
- Coursera reaches 700,000 MOOCers in Brazil.
- French MOOC platform France has reached 500,000 students.
- FutureLearn has reached 3 million students. India: NIIT partners with edX to use MOOCs to train half a million people in tech skills.
- Udemy has reached 10 million stude
- University of London reached 1 million enrollments on Coursera.



#### July 21, 2016

#### The Scope of edX

Joshua Kim, Inside Higher Ed

- There are lifelong learners in every country of the world (save North Korea).
- A bit over a quarter (27%) of edX learners come from the U.S. The next biggest country is India (11%), the U.K. and Brazil (both 4%) and China, Canada, and Mexico (3% each).
- Over four-in-ten edX learners live in emerging economy countries
- Over 840,000 certificates have been earned by edX learners
- EdX has over 100 schools, institutes and organizations in the Consortium creating open online courses
- Over 1,000 courses have been offered.
- There have been over 2,300 faculty and staff that have taught on edX.

### **December 25, 2016 Class Central** By The Numbers: MOOCS in 2016 E 700+ 58M Universities

#### **January 5, 2016 Use Of MOOCs And Online Education Is Exploding: Here's Why** Josh Bersin, Forbes Use Of MOOCs And Online Education Is Exploding: Here's Why Course Distribution by Subjects man f w in b 4 2

### **Activity #1:** During this talk, jot down a research idea on a card. We will share it at the end. (Note: Best idea gets a MOOCs book.) SHE'S DOING ANOTHER

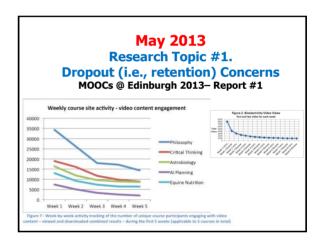
#### **35 MOOC Research Topics**

- 1. Learner-Focused
- 2. Instructor-Focused
- 3. Course/Instructional Design
  - 4. Impact/Context 5. Other

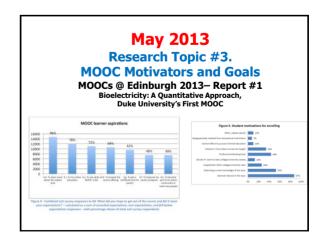


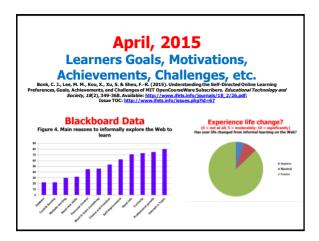
# MOOC Research Openings... Part 1: Learner-Focused

# Audience Poll #2: Have you ever dropped a MOOC? Have you ever completed a MOOC? http://elearnhero.com/moocs-completion-rates/ Improving MOOC completion rates University University First we need to look at MOOCs completion rate differently

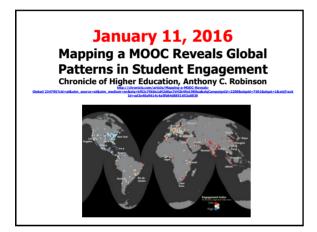


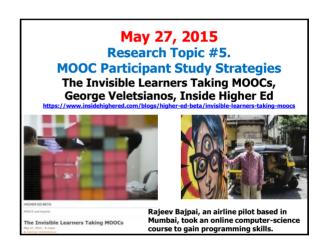


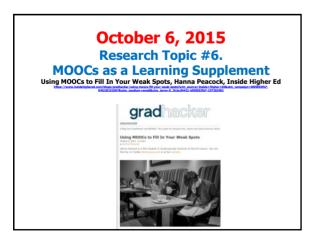












# April 21, 2014 Research Topic #7. Benefits of MOOCs for Disadvantaged and Underprivileged The Revolution Is Not Being MOOC-ized, Students are educated, employed, and male. Gayle Christensen and Brandon Alcorn, UPenn, New Scientist Filipino youths go online at an Internet café in Manila on Feb. 18, 2014. Two-thirds of Coursera participants come from the developed world, according to a new report.

#### OER and MOOCs in Africa: The AVU Experience

Griff Richards and Bakary Diallo, African Virtual University Nairobi, Kenya

It is estimated that only 6% of Africans can access postsecondary education. The development goal is set at 12% even though North America and Europe are somewhere around 45%. The gap is huge. This is not to say that African nations are not investing in postsecondary education. For example, Nigeria has been steadily building universities during the past couple of decades.

DESCRIPTION SPECIAL SP

#### **April 20, 2015**

Research Topic #8. Case Studies

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 19, 2016 From MOOC to bootcamp to MIT MIT News



#### 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.



#### **August 28, 2016**

Research Topic #9. MOOC Plagiarism
The New Cheating Economy, Brad Wolverton,
The Chronicle of Higher Education

Cheating is Seasonal
Own the part three years, standing for Utilities' is dustion willing parties, their parent of the ord of each standard parties are as a standard for Utilities' is dustion willing parties, their parent of the ord of each standard parties are as a standard parties and their parties are as a standard parties are as a standard parties are as a standard parties are sta



#### **August 31, 2016**

BoostMyGrade.com

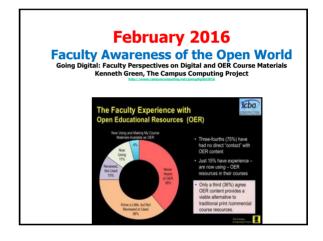


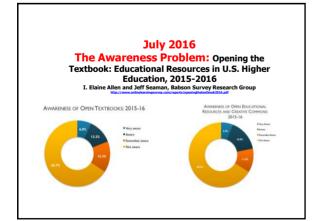




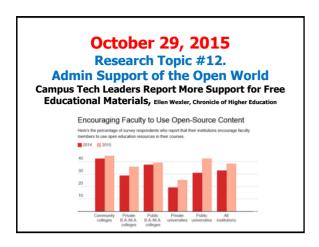


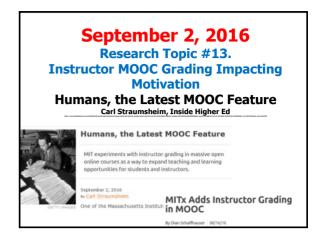






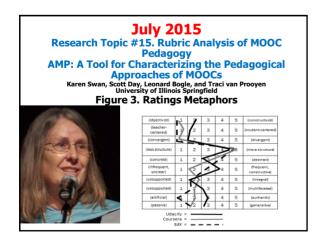
Research Topic #11. Actual Use of Open Access Resources and Materials
Nature, Openwords, etc.
http://www.openwords.com/
https://www.facebook.com/Openwords







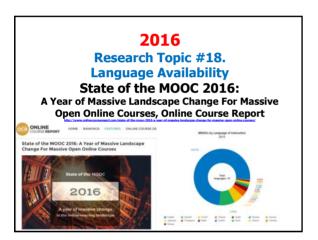
















#### Chapter 2: USA/Georgia Tech: Karen Head

- Be careful with: hand gestures (e.g., finger pointing—use at least two fingers), body movements, English dominance, political issues.
- Jokes and humor can easily be misinterpreted.
- Be aware of shifting political climates impacting resource access such as YouTube in China.
- Many cultures do not have a linear approach (e.g., from A to B) to communication.
- Using visual rhetoric (e.g., visual images) to communicate can be a minefield of problems.



#### Chapter 9: Scotland U of Edinburgh

#### **Amy Woodgate**

- Intermittent Internet access on one's mobile phone will not help to stream HD videos.
- Simple course designs (e.g., talking heads with minimal hand gestures) helps to make content more available for international audiences. More engaging content is more difficult to convert.





#### Chapter 11: India and Canada/COL Sanjaya Mishra

- Be culturally sensitive to music and pictures while designing content for global audience.
- Consider technology used to develop the content (does it assist reuse and remixing?).
- Instead of focusing too much on the cultural sensitivity of MOOCs and raising costs, try to allow for reuse and remixing of content. Use open source technologies and content.



#### Chapter 14: USA/Stanford Paul Kim and Charlie Chung



- Encourage students to download lecture videos and translate them to other languages and perhaps add captions and make available in their local cloud services
- Encourage students to create low bandwidth versions of videos for those in low bandwidth areas.
- Encourage students to translate videos and add nuances and words understandable in local languages.
- Encourage students to meet locally in teams to share materials and take care of "sensitive matters."



#### Chapter 21: U of Philippines Open U Melinda Bandalaria

- Strictly avoid references to religion.
- Use acceptable dress code.
- Even when English is the primary or secondary language of the country, consider making MOOC content available in the major dialects of the country.



Which of the research ideas mentioned so far match what you have written down?

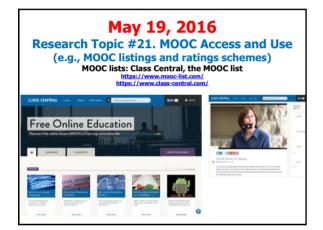


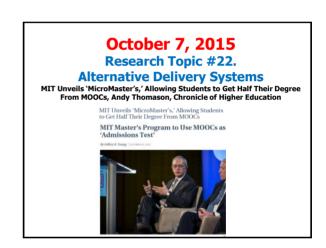


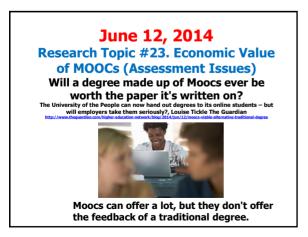
# Part 4: Impact/Context-Focused Duke MOOCs Around the World https://www.youtube.com/watch?v=nLSQQRR6IOUR/reature=youtu.be



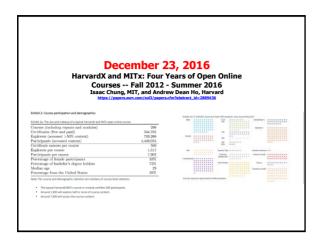


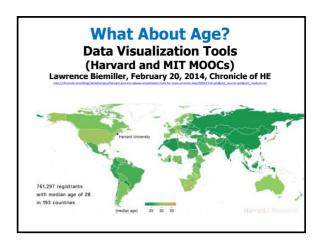




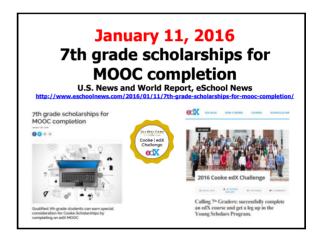


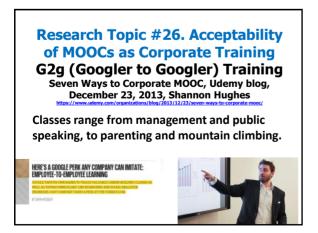




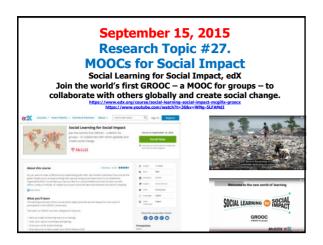




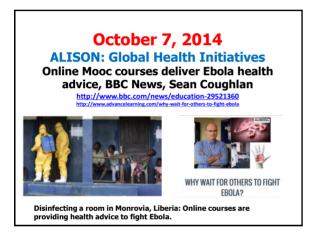






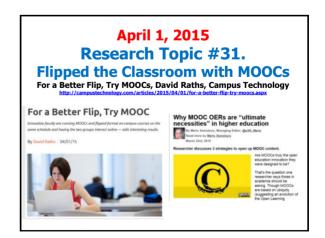










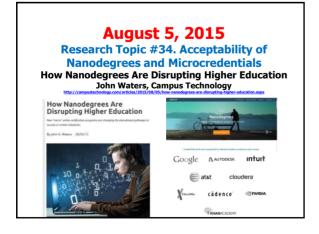






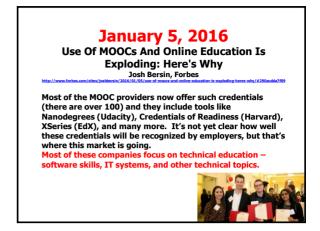


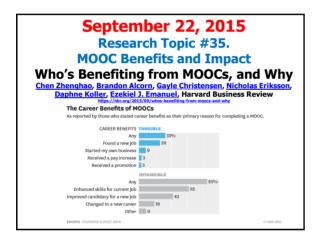


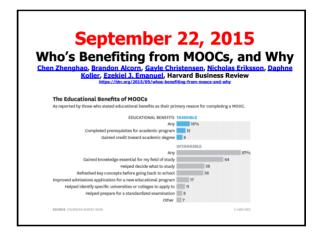




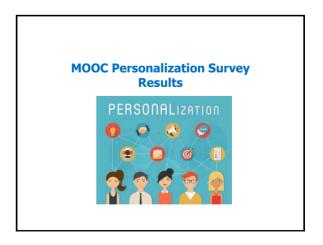


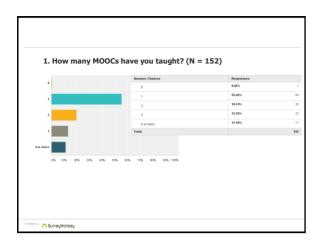


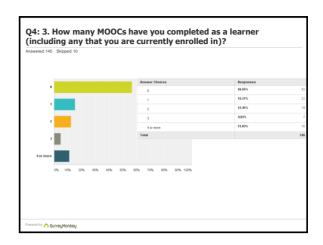


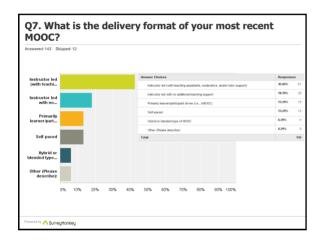


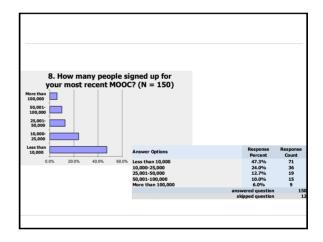












13. How do you address students' varying competencies and needs?[Check all that apply]

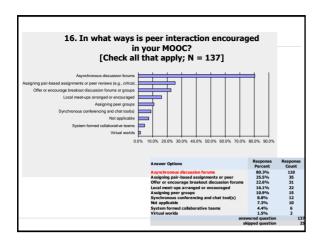
Answe Options

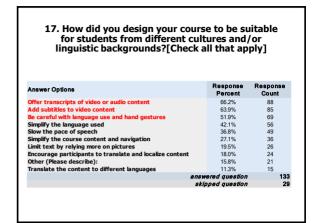
Entablish learner-besed discussion forums
Embed supplementary course materials (e.g., readings, 15 to 15 to

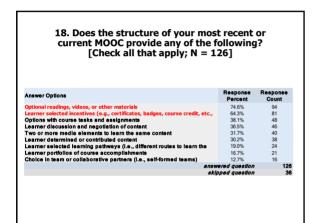
14. What types of learning resources can participants select from in your most recent MOOC?[Check all that apply]

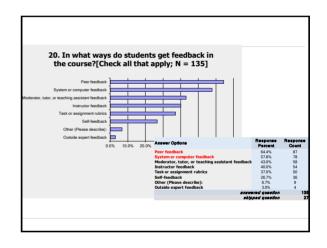
Answer Options

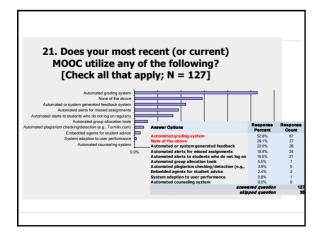
Beginning from the selection of the selection



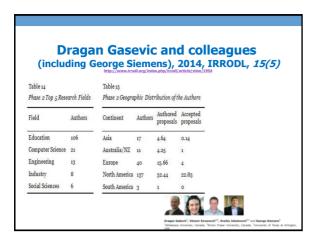








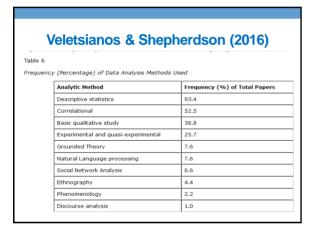
# Recent MOOC research • Veletsiano, G. & Shepherdson, P. (2016) Systematic Analysis And Synthesis of the Empirical MOOC Literature Published in 2013-2015 "Dependence on Particular Research Methods May Restrict our Understanding of MOOCs" • Gasevic, D., Kovanovic, V., Joksimovic, S., & Siemens, G. (2014). Where is research on Massive Open Online Courses headed? A data analysis of the MOOC Research Initiative.



### George Veletsianos & Peter Shepherdson's Study (2016)

Systematic Analysis And Synthesis of the Empirical MOOC Literature Published in 2013-2015

"Dependence on Particular Research Methods May Restrict our Understanding of MOOCs"



"To gain a deeper and more diverse understanding of the MOOC phenomenon, researchers need to use multiple research approaches (e.g., ethnography, phenomenology, discourse analysis) add content to them."

Veletsianos, Collier, & Schneider. (2015), BJET, 46(3), 570–587.

#### MOOC Research Review, 2014–2017

- Empirical studies between 2014–2017
- 150 studies
- Focus on research methods/paradigms and topics of research

### Primary Journals for MOOC Publication (2014–2017)

JOURNAL	TOTAL
International Review of Research in Open and     Distance Learning (IRRODL)	33
2. Computers & Education	11
3. British Journal of Educational Technology	9
4. Online Learning	7
5. Distance Education	5
6. Educational Media International	5
7. Internet and Higher Education	5
8. Journal of Asynchronous Learning Network	5
9. Journal of Computer Assisted Learning	5
10. Computers in Human Behavior	4
11. Open Learning	4
12. Journal of Online Learning and Teaching	3

