

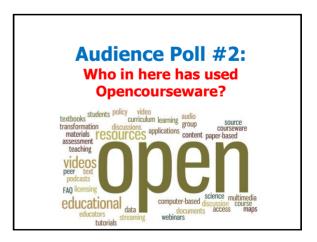


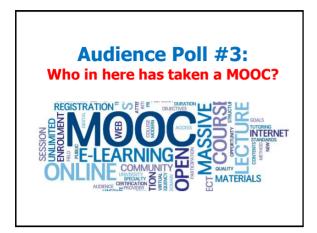




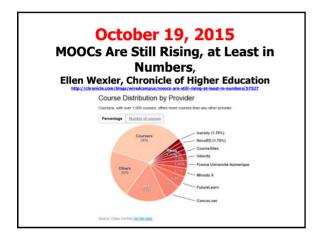
Milestones in Educational Technology (All 7 year cycles)

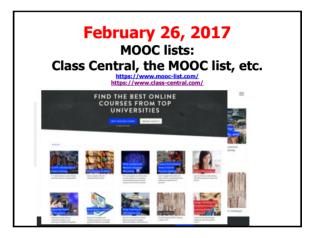
- 1987: Hypercard first shipped.
- 1994: Netscape goes public.
- 2001: MIT OCW & Wikipedia Launched.
- 2008: First MOOC Offered.
- 2015: The Age of Personalization.









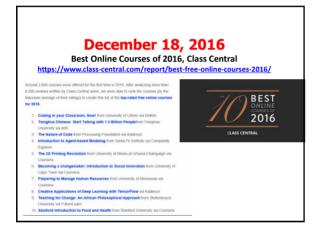




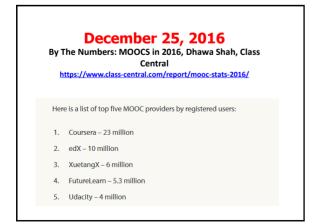


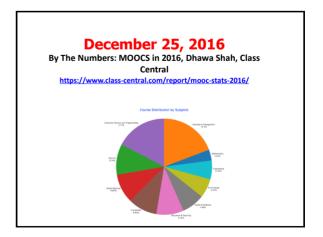


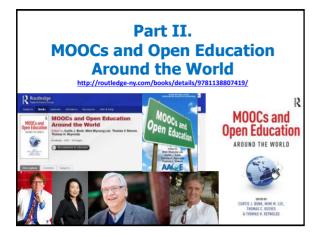






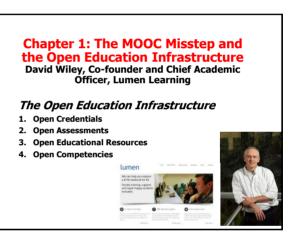








Foreword #2: Open(ing up) Education for All, Boosted by Moocs? Fred Mulder, UNESCO Chair in Open Educational Resources at the Open University of the Netherlands (Open In Resources Reso



Chapter 2: The Single Canon: MOOCs and Academic Colonization

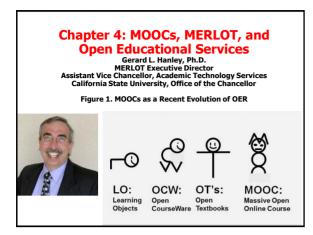
Karen Head, PhD The Georgia Institute of Technology

"If MOOC proponents truly seek to offer the best educational opportunities to the world, they will have to open these platforms to a wide variety of institutions and instructors."

Case of the Open University of Japan

A Case of the Open University of Japan Kumiko Aoki, Ph.D., The Open University of Japan

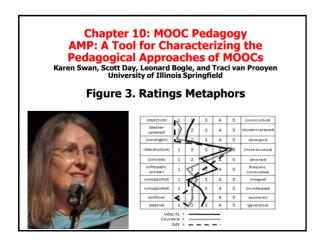
"It is hoped that MOOCs will play a significant role for stakeholders in Japanese higher education in the near future."

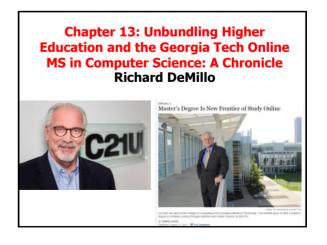






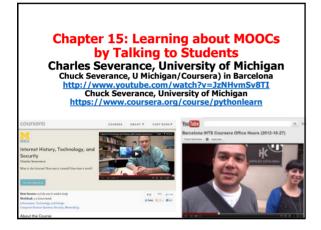


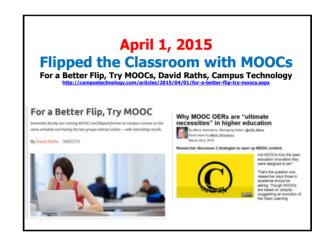
















Chapter 19: Harnessing the Power of Open Learning to Share Global Prosperity and Eradicate Poverty

Sheila Jagannathan, World Bank, Washington DC

Figure 1: World Bank Group Twin Goals





Chapter 19: Harnessing the Power of Open Learning to Share Global Prosperity and Eradicate Poverty

Sheila Jagannathan, World Bank, Washington DC
MOOCs on Climate Change (e.g., impacts of climate change on farmland)
and Risk and Opportunity (reducing the risk of childhood mortality)





Chapter 20: The Glocalization of MOOCs in Southeast Asia

Zoraini Wati Abas, Ed.D. Figure 2. Eight of thirteen MOOCs offered by Taylor's University





Chapter 22: 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 post-secondary education. The development goal is set at 12% even though North America and Europe are somewhere around 45%.







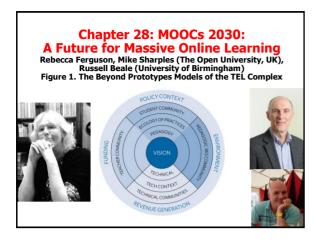
Chapter 23: Open Learning in the Corporate Setting

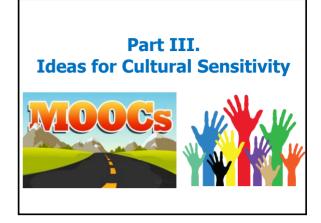
Elliot Masie, The Learning CONSORTIUM @ The MASIE Center

"Open" is an interesting and disruptive word to use about a corporate setting. Yet, Open Learning is one of the most provocative and rapidly changing elements of how corporate learning is being harvested, delivered, and packaged.



Chapter 24: ALISON: A New World of Free Certified Learning Mike Feerick, CEO & Founder, ALISON WHY WAIT FOR OTHERS TO FIGHT EBOLA? WHY WAIT FOR OTHERS TO FIGHT EBOLA?

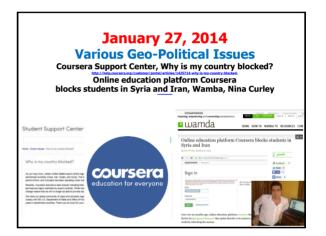






Chapter 2: USA/Georgia Tech: Karen Head

- 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 3: Japan/The Open U Kumiko Aiko

- Make subtitles available in multiple languages based on intended audiences.
- Avoid references to current events that may only be shared by a small subgroup.



Chapter 5: Australia
Carina Bossu

To ensure inclusiveness (including cultural, ethical, and religious), one should openly license all educational materials developed for MOOCs, so as to guarantee the permissions and freedoms required for translation, adaptation, re-use, redistribution, and repackaging.



September 16, 2013

Courses from Open Content

Rwandan Degree Program Aims for a 'University in a Box', Chronicle of Higher Education, Megan O'Neil

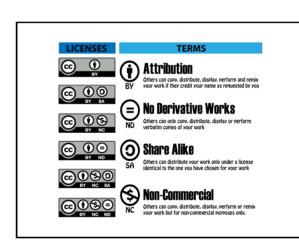


Students attend an orientation session at Kepler, a new hybrid program in Kigali, Rwanda, which will use MOOCs and classroom time to help students earn competency-based associate degrees.



Chap. 6: South Africa Laura Czerniewicz

- The single most important requirement is that MOOCs and MOOC resources be made available under Creative Commons licenses or other open licenses which allow for re-use and adaptation. it is essential a broadcast model be employed.
- The agency for and ownership of local resources needs to be in the hands of those who best understand local conditions, and therefore they need to be able to create and adapt as they see fit.





Chapter 8: New Zealand and Ireland Mark Brown

 Create MOOCs on indigenous cultures and unique languages other than English (e.g., Irish).





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.



Mobile MOOCs

(e.g., mobile courses on smartphone)









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 12: **Netherlands/Open U** Fred Mulder and Darco Jansen



To be mindful of:

- · Different levels of digital literacy skills
- · Local resources by locals
- · Legal differences and barriers
- · Gender, age, and disability issues
- Device-specific pedagogy and interface

May 27, 2015 **MOOC Participant Study Strategies**

The Invisible Learners Taking MOOCs, George Veletsianos, Inside Higher Ed





ible Learners Taking MOOCs

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



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."

August 1, 2014 Can You Really Teach a MOOC in a **Refugee Camp?**

Steve Kolowich, Chronicle of Higher Education



Two men living in Dadaab, a refugee camp in Kenya, would watch lecture videos and take online quizzes at a nearby United Nations compound. (InZone)



Chapter 15: USA/U Michigan Chuck Severance



- Avoid troublesome metaphors and examples (e.g., the baseball World Series in the USA).
- Never show lecturer's face (use audio only) allows for complete overdubbing in the native language and avoid hand gesture problems.
- Make slides as word free as possible—where possible use symbols
- "Limit" to audio and "No" video OR keep the video "simple"



Chapter 19: DC/World Bank Institute Sheila Jagannathan

- "Widen" and "increase" representations from more diverse groups and stakeholders (gender, non western, public and private, grass roots, etc.).
- Make the contents more culturally sensitive/relevant.



Chapter 20 Indonesia and Malaysia Zoraini Wati Abas

- Do not expect Asian audience to quickly voice their opinions
- Treat Asian audience as an equal
- Avoid issues related to religion and politics.
- Minimize distractions and negative feelings (e.g., do not show visuals or give examples of prohibited types of foods or animals)





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.

April 21, 2014

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.



Chapter 27: Canada



Helene Fournier and Rita Hop

- "Personalize" the learning experience to offset the massiveness.
- Need to think hard about how cultural differences might be expressed and accepted in the MOOC platform.
- The road ahead hinges on personalizing learning experiences; the connectivist approach (i.e., cMOOCs) is which participants are in the driver's seat.

March 1, 2016 Zoom Tarleton State University, Texas Dr. Credence Baker







Chapter 28: UK/FutureLearn



Rebecca Ferguson and Mike Sharples

- Access. In many countries (e.g., in Africa, but also areas of Asia) mobile is the main means of access, so the courses need to be developed for a mobile-first experience, including pedagogy as well as interface.
- Provide transcripts of videos, preferably in multiple languages and multi-language subtitles.
- There are deep-seated cultural differences related to: the value of expert vs learner-originated knowledge; deference to experts; willingness to engage in discussion and critique.

January 20, 2016

Why the Future Is Bright for the World's Poorest Farmers, Gates Notes, the blog of Bill Gates



Part IV. Personalization of MOOCs





Foreword: Canada/USA George Siemens

George Siemens

- MOOCs are adopting CMUs OLI project (adaptive learning in stats) (e.g., Candace Thille at Stanford).
- Smart Sparrow (adaptive learning company connected to ASU) has started running personalization in MOOCs.
 One personalized/adaptive MOOC with Australian univ.
- Carolyn Rose at CMU recently ran a "Super Heroes" MOOC together with Smithsonian that used personalization approaches through "intelligent agents" to foster dialogue and collaboration.

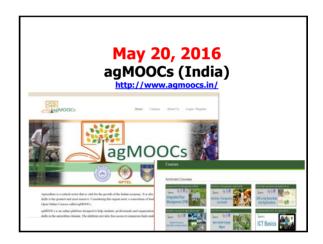






Chapter 18: Canada/COL Balaji Venkataraman

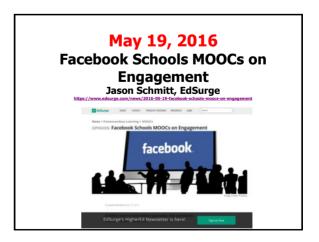
- In the Mooc on mobiles for development the course team received requests from two groups of learners in Sierra Leone and Zambia for the course materials on DVD.
- AgMoocs initiative (http://www.agmoocs.in/)
 uses MooKIT platform designed for access in low
 bandwidth conditions. It includes a functionality
 for a learner to hear the voice track on a basic
 mobile phone.





Chapter 18: Canada/COL Balaji Venkataraman

In the Pacific COL supported the U of South Pacific with a specially constructed MOOKIT platform. Social media was integrated with it. Any interested learner can add his or her SM profile to the profile in the course. This will enable a learner to follow the discussions on the course forum in real time using just the smart phone. This bandwidth is cheaper in most Pacific island countries than bandwidth availed for laptops. This facility greatly contributed to increased course participation often overwhelming the team of instructors.





Chapter 18: DOCC/USA

Radhika Gajjala

Doing a "Collaborative" course requires that we engage the context - not just talk to it.... We start by dialogue and engagement with the students - the sensitivity would emerge through interaction and skype conversations and discussion and debate.



Chapter 18: DOCC/USA

Liz Losh

The Selfie Course...

MOOCs often tend to misestimate the importance of situated experience in approaching learning as a meaning-making process.

Snapchat pedagogy, the ways that MOOCs overlook the importance of the mobile phone as a vehicle for connecting students -- who are individually situated in time, space, status, etc. -- in distributed learning networks.



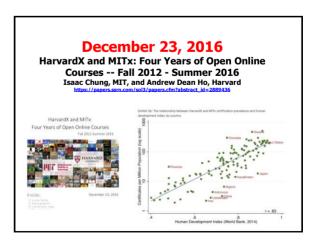


Chapter 19: DC/World Bank Institute

Sheila Jagannathan

- We try to do badging etc. to give motivation and personal incentives such as champion or expert.
- We try to customize the discussion forums with regional and very level forums, topics and moderators.
- Google hangouts are also used to customize and personalize at country or institutional levels.





March 3, 2016

'Trump U.' Draws Unflattering Spotlight to the Candidate as Fraud Cases Move Forward Chronicle of Higher Education, Corrine Ruff

'Trump U.' Draws Unflattering Spotlight to the Candidate as Fraud Cases Move Forward







Chapter 21: Philippines Open U Melinda Bandalaria

- ...one feature that we have integrated into our MOOCs which I think is one effort to personalize learning is the "Multiple Paths to Learning" or the "Learning on the Go." Through this feature, the learner can choose whether to learn through the video lessons, text lessons or podcast.
- In terms of gadgets to use, of course, we made sure that the courses are accessible whatever device especially mobile devices, the learner has access to.



Chapter 22: Canada/Africa Griff Richards

"I think a concept like personalization is laudable, but I'd like to see where it sits in the list of things to do to improve MOOCs. For example if we look down Hattie's list of useful interventions, would personalization give us the biggest learning bang for the buck of development? Or would we get there through some simpler intervention like simply making the courses more self-paced."



Chapter 25: USA/Illinois Vickie Cook

- Personal notes within the MOOC from either other students or the instructor that the MOOC takes on a personalized emphasis...communications that do not use my name, or are generic to be reused feel quite cold and impersonal.
- Theory of "heutagogy" basically learning that is self-determined and available in a mobile interface, I think it is important that personalization also create the desire to return to the MOOC for more.

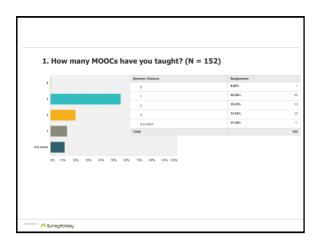


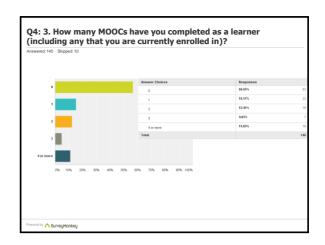
Chapter 25: USA/Illinois Ray Schroeder

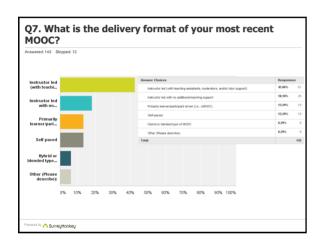
- Most obvious way to personalize is to include group projects, allowing students to self-select into interest areas to conduct collaborative projects that are relevant to the MOOC topic
- One of the easiest and most effective ways is to build self-reflection into each module of a MOOC.
- Motivated self-determined learners (such as many MOOCers are) do naturally adapt, build upon and scaffold MOOCs to meet their personal learning needs and desires.

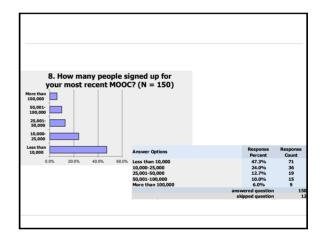
Part V. MOOC Instructor Survey Personalization Results (July 2016)











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

Answr Options

Establish beamer-besed discussion forums
Embed supplementary course metarfais (e.g., readings, Percent Intellege Court Intellege Court

