

## Accessing Open Access Educational Resources: Augmenting and Accelerating the Apprenticeship Process

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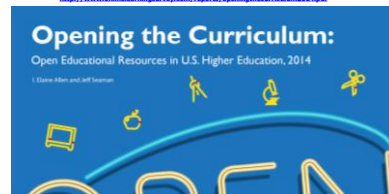
Blink Tower: <http://vimeo.com/43401199>

## Read Any OER Research Lately?

**October 25, 2014**

### Opening the Curriculum: Open Educational Resources in U.S. Higher Education, 2014

I. Elaine Allen and Jeff Seaman  
<http://www.onlinelearningsurvey.com/reports/openingthecurriculum2014.pdf>



## November 25, 2014 OER Research Hub, OER Evidence Report: Building Understanding of Open Education 2013-2014

<http://oerresearchhub.files.wordpress.com/2014/11/oerh-evidence-report-2014.pdf>



## Part I: What is the role of the Instructor in the Open World? (Instructor as Cat Herder?)



## 1. Instructor as Credit Manager



**October 21, 2014**

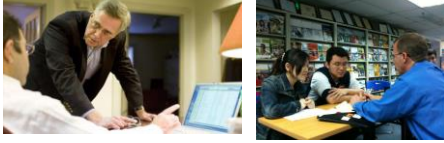
### Teaching and the University of Tomorrow. Chronicle of Higher Education, Kelly J. Baker

<http://chronicle.com/article/Teaching-and-the-University-of-Tomorrow/223444>



**Image:** France in 2000 year (XXI century). Future school. From a postcard by Villemard, 1910.

## 2. Instructor as Counselor



## 3. Instructor as Consultant



## 4. Instructor as Conductor



## 5. Instructor as Course Ambassador



## 6. Instructor as Curator



## 7. Instructor as Concierge



## 8. Instructor as Camping Trip Guide



## 9. Instructor as Cultivator



## 10. Instruction as a Cognitive Apprenticeship

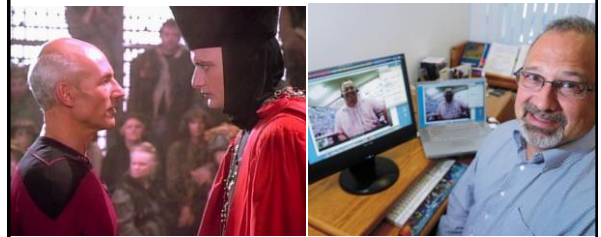


FIGURE 2  
Students' Progress from Enriched Activity to Generality

WORLDLY ACTIVITIES → apprenticeship → cultivation → reflection → GENERALITY

teaching → multiple practice → articulation

## Part II: Expert Apprenticeship from Video



## TED Talks

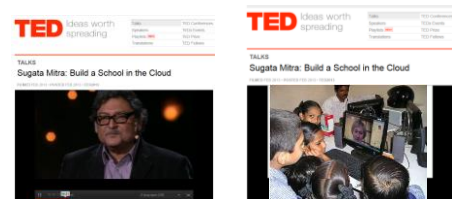
<https://www.ted.com/>



## TED Talks

(Build a School in the Cloud; Self-Organized Learning Environments (SOLES), February 2013, TED Talk from Sugata Mitra

[http://www.ted.com/talks/sugata\\_mitra\\_build\\_a\\_school\\_in\\_the\\_cloud.html](http://www.ted.com/talks/sugata_mitra_build_a_school_in_the_cloud.html)





**October 15, 2012****Reusable Khan**

**Lacking Teachers and Textbooks, India's Schools Turn to Khan Academy to Survive, NY Times, Anupama Chandrasekaran**

<http://online.nytimes.com/2012/10/15/asia/teaching-teachers-and-textbooks-indian-schools-are-to-khan-academy-the-lesson/>

The New York Times | International Herald Tribune



Students at Sree Karpagavalli Vidhyalaya school in Chennai, Tamil Nadu, watching Khan Academy math videos.

**February 2, 2015**

**Here Comes Professor Everybody: The 'sharing economy' meets higher education, Chronicle of Higher Education, Jeffrey R. Young**

<http://chronicle.com/article/Here-Comes-Professor-Everybody/231464/>



Kevin deLapante, an associate professor at Iowa State U., makes an average of \$2,500 per month teaching from his home studio (above) on sites like Udemy.

**Web Conferencing**

**Dubai to Puerto Rico (Edgar Leon)**

[https://www.youtube.com/watch?v=5u275bafvUC&list=PL6895buc\\_u](https://www.youtube.com/watch?v=5u275bafvUC&list=PL6895buc_u)



Dr. Leon teaching to Dubai (in Spanish)

**February 22, 2013**

**NASA's spacey Google+ Hangout shows off zero-G antics – and cats!**

**Short Video Anchors**

(e.g., TubeChop of V-PORTAL: Video Primers in an Online Repository of e-Teaching and Learning)

<http://www.tubechop.com/watch/378752>

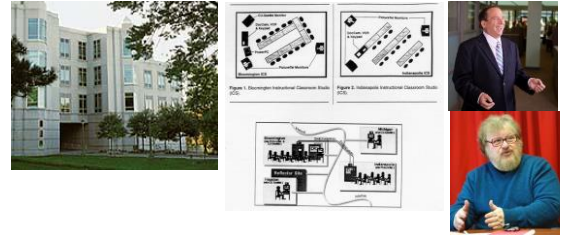
**Part III: Lessons Learned...**



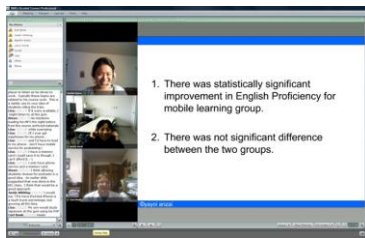
### Lesson #1. Combining Asynchronous and Synchronous Events (e.g., guest was David Merrill, 2007)



### Synchronous + Asynchronous (e.g., Elliot Soloway and David Palumbo, 1995)



### Lesson #2. If Plan, No Instructor Required (Guest Session Run by Assistant)



### Lesson #3. Test the System (e.g., Guest No Video)



### Lesson #4. Guest Starts Semester Michael Horn and Curt Bonk, R685, August 20, 2012



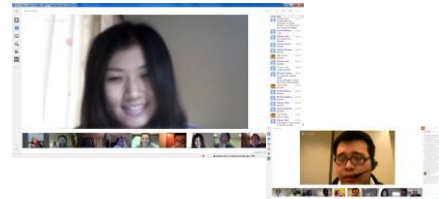
### Lesson #5. Multiple Guest Experts Sara de Freitas and Jim Hensman, U of Coventry, UK (<https://connect.ju.edu/p/2e1yx6b5x/>) Jay Cross, Berkeley (<https://connect.ju.edu/p/4bytsoroh/>)



### Lesson #6: Be Willing to Reciprocate



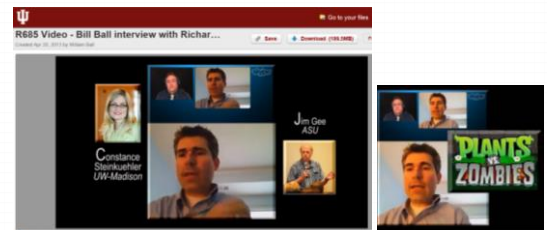
### Lesson #7: Experiment with Technology Collaboration and Discussion in Google Hangouts (1/29/2013)



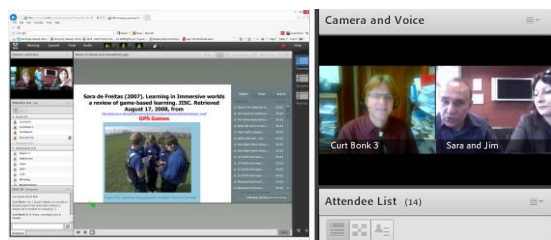
### Cross-Institutional Wikibook Project (e.g., IU and the University of Houston)



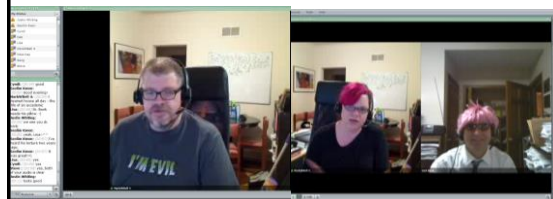
### Lesson #8: Solicit Student Recommendations Expert Interviews (Rich Culatta, Acting Director, Office of Educational Technology)



### Lesson #9: Don't Give Up! Serious Gaming Institute, Coventry, UK



### Lesson #10: Make a List of Those You Know Intellagirl Sarah Smith-Robbins and Mark Bell (Second Life for Dummies)



## Part IV: Ten Pedagogical Activities for Class-Related Videoconferencing or Web Conferencing with Experts



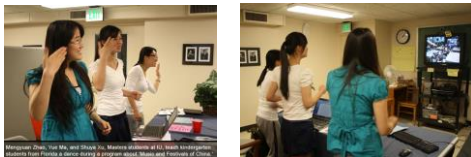
### 1. Expert Presentations with Audience Questioning and Commenting

The guest expert makes a formal or semi-formal presentation of ideas, activities, cultural norms and practices, or research to the class.



### 2. Expert Demonstrations and Audience Questioning

The guest expert demonstrates a certain technique, idea, principle, etc., while the learners observe and ask follow-up questions.

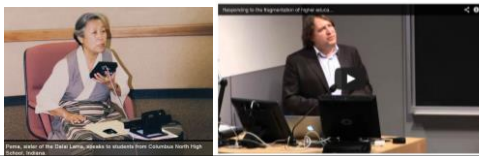


### University of Wisconsin and students in Mexico (agriculture classes)



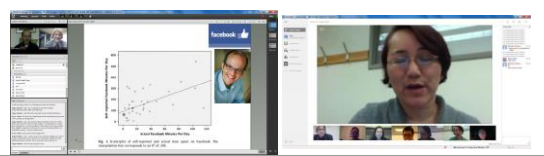
### 3. Question and Answer Sessions

The guest expert responds to questions posed by the audience based on a particular topic (the audience might read or watch ahead of time).



### 4. Responding to Book or Article Quotes

The learners come to the synchronous session with quotes from those articles or resources for the guest expert to respond to.







## 9. Expert Life Stories

The guest expert might detail different stories or situations that he or she has encountered related to a certain topic of the class. Students in the class can comment on them and ask questions as needed.



## 10. Expert Session Archive Reviews and Discussions

A class might watch one or more guest expert sessions from a previous semester and form discussion groups based on controversial, confusing, or complex aspects of such sessions.



## GETideas Channel, Cisco (Thought Leader Series uploaded to YouTube) July 22, 2011



## Part V. Introducing the free "TEC-VARIETY" Framework...

<http://tec-variety.com/>  
<http://tec-variety.com/TEC-VARIETY-Chinese.pdf>



## 在线学习动机与激励： TEC-VARIETY 模型

——激励和留住在线学习者的 100 个活动

作者：Curtis J. Bonk & Elaine Kohn

## 1. Tone/Climate: A. Threaded Video Discussions, e.g., Flipgrid <http://flipgrid.com/#429f88c5>



## 1. Tone/Climate: B. Video Introductions (Office Hours in Other Countries)

Chuck Severance, U Michigan / Coursera) in Barcelona  
<http://www.youtube.com/watch?v=3zNHvmsv8TI>  
Chuck Severance, University of Michigan  
<https://www.coursera.org/course/pythonlearn>





## 6. Relevance, Meaningfulness:

### A. Case-Based Learning: Instructor Cases (e.g., Mark Braun, IU)



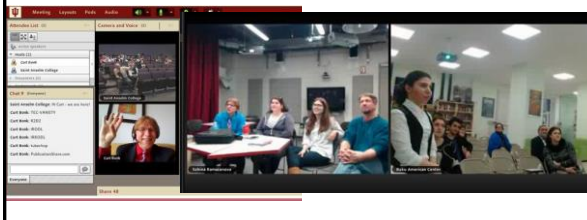
## 6. Relevance, Meaningfulness:

### B. Video Anchors (e.g., Learning and Memory Videos)



## 7. Interactive, Collaborative:

### A. Q&A Web Conferencing (Feb/May 2015) (Adobe Connect, Jabber, iMeet, GoToMeeting, etc.) <https://connect.iu.edu/p259wpiabg9/>



## 8. Engagement, Effort:

### A. Collaborative Video Annotations and Discussions (Craig Howard, IU) <http://scholarworks.iu.edu/journals/index.php/ijdi/article/view/853/912>



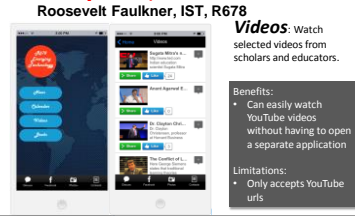
## 9. Tension, Challenge, etc.:

### A. Cage Matches or Debates (with online audience topical suggestions) Cage Match on MOOCs at SXSWedu 2013 (Curt Bonk & Chuck Severance) <https://soundcloud.com/sxswedu/cage-match-the-massive-open>



## 10. Yields Products, Goals:

### A. Student Created Mobile Apps The App Builder: <http://www.theappbuilder.com/> April 29, 2015



**March 13, 2015**

### 10. Yields Products, Goals:

#### B. 20% Time in Education

Kendal Rasnake & Troy Cockrum, IU

[https://www.dropbox.com/s/1xv5oae2qgwok/20\\_Time\\_in\\_Education-Cockrum\\_and\\_Rasnake.mov?m=57312572](https://www.dropbox.com/s/1xv5oae2qgwok/20_Time_in_Education-Cockrum_and_Rasnake.mov?m=57312572)

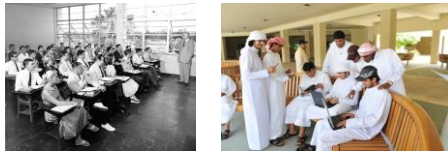


### Final Poll: How many new ideas did you get?

1. 0 if I am lucky.
2. Just 1.
3. 2, yes, 2...just 2!
4. Do I hear 3? 3!!!!
5. 4-5.
6. 5-10.
7. More than 10.

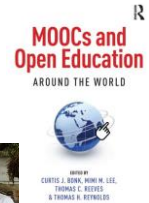


### How do you now view the instructor in the Open World of Education 3.0?



### MOOCs and Open Education Around the World

<http://routledge-ny.com/books/details/9781138807419/>



### The World is Open for Learning!

Dr. Jiao Jianli, Professor of Educational Technology,  
Director of Future Education Research Centre  
Deputy Dean of School of Information Technology in Education,  
South China Normal University  
<http://www.worldisopen.com/>



### Questions?

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

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

Book: <http://worldisopen.com/>

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

