Through the Words of Experts: Cases of Expanded Classrooms Using Conferencing Technology
Dr. Curtis J. Bonk, cjbonk@indiana.edu
Professor, Indiana University

Decades of Online Collaboration (e.g., Aspects...circa 1990)

The Age of Videopedia...
Source: http://reviews-bonuses.net/videopedia-pro-1-0-reviews-bonuses/

Academic Earth
Free online video courses from leading universities.

August 5, 2015
Shubham Jaglan Overwhelmed by “Dream” Return Home After Double World Championship
Disha Chopra, NDTV Sports

February 17, 2016
Daniel H. Pink, Pinkcast
http://www.danpink.com/
May 4, 2016
What I Learned at the ASU GSV Summit
Kenneth Green, Inside Higher Ed

September 7, 2016
Apps for Learning, Learning Pool
Understanding Child Development, 0-6 Years
https://www.learningpool.com/services/apps-for-learning

October 26, 2016
R511, Rob Elliot, Erin Milanese, and Patrick Walsh
Traditional Textbook (8:11)
https://drive.google.com/file/d/0B25AtCR9Ddd5NE9DaS16RlpiMW8/view

October 26, 2016
R511, Kai Westerfield, Jennifer Blankenship, And Colbi Lehman, Online Degree Programs (11:54) Go Animate

June 14, 2016
Microsoft to Acquire LinkedIn for $26.2 Billion, Jay Greene, CNN Money
http://money.cnn.com/2016/06/14/technology/microsoft-linkedin-acquisition/index.html

September 14, 2015
Credit for Watching a TED Talk? A new platform aims to help employers track casual learning
Chronicle of Higher Education, Jeffrey R. Young
Degreed: https://degreed.com/
February 2016
Will Video Kill the LMS?
Josh Bersin, CLO

YouTube statistics show more than a billion people regularly watch video, and the number of hours spent watching video rose 60 percent in the last year alone. More than 2 billion people have video-enabled smartphones, and video now makes up 64 percent of Internet traffic on mobile phones.

July 18, 2016
Survey: Video Usage in Ed Continues Ramp-up, Dian Schaffhauser, THE Journal

September 14, 2016
Apple Watch 2 review: get moving and ditch the phone, Edward C. Baig, USA Today

September 8, 2016
Penn State Students Attend Class via Robot, Sri Ravipati, Campus Technology

September 8, 2016
Penn State Students Attend Class via Robot, Sri Ravipati, Campus Technology

Part I: Expert Apprenticeship from Video
Apprenticeship in the Past…

Instruction as a Cognitive Apprenticeship

Theoretical Rationale Behind Web and Video Conferencing
- Reflects on real world
- Receives mentoring and advice
- Articulates ideas and questions for the expert
- Tries out initial kernels of ideas
- Receives a glimpse of the discipline
- Starts the journey from novice to expert
- Forms new social connections
- Sees new perspectives
- Gets excited about a discovery, issue, idea, finding, etc.

Practical Rationale Behind Web and Video Conferencing
- Easy to do. Experts at your fingertips.
- More focused, pointed, and targeted experience.
- Easier to ask a question.
- More private; hence, freer to ask questions; more open.
- Greater opportunities to talk to an expert.
- Introverted/shy people feel more free to express their questions, concerns, ideas, etc.
- Gain experience speaking in a public forum.
- Experts are available on an informal basis (i.e., as a result, feel more connected and confident to engage).

R511 Chat with Experts
We’ve met 12 experts all over the world during the course

Guest Expert: Dr. Michael Molenda from Indiana

R511 Chat with Experts
We’ve met 12 experts all over the world during the course

Guest Expert: Dr. Charles Graham in Utah
R511 Chat with Experts
We’ve met 12 experts all over the world during the course
Guest Expert: Dr. Charles Reigeluth from Indiana

Anytime access
Anytime participation
Research Team Meeting (from a car - passenger seat)

multiple ways to engage—text, audio, video

multiple ways to engage—text, audio, video
Guest Chats (in Adobe Connect)  
(e.g., Emily Hixon, January 20, 2015)  
https://connect.iu.edu/p259wpiabg9/

October 3, 2016  
Zoom, Guest expert, Zoraini Wati Abas

October 11, 2016  
Zoom, Guest Expert, Sanjaya Mishra, RS11

School of Public Health Webinar  
Chat with Experts

School of Public Health Webinar  
Chat with Experts
Impact of Web and Video Conferencing

- Learner engagement (and multiple ways to engage—text, audio, video)
- Enhanced learning
- Student retention and satisfaction
- Learner involvement
- Learners in community (less isolation)
- Can revisit the experience/session anytime
- Additional learning paths
- Anytime, anywhere participation
- Course reputation enhanced

Principles of Connectivism

1. Learning and knowledge rests in diversity of opinions.
2. Learning is a process of connecting specialized nodes or information sources.
3. Learning is a process of connecting entities
4. Nurturing and maintaining connections is needed to facilitate continual learning.
5. Ability to see connections between fields, ideas, and concepts is a core skill.
6. Capacity to know more is more critical than what is currently known.
7. Currency (accurate, up-to-date knowledge) is the intent of all connectivist learning activities.

Quote from George Siemens

“The pipe is more important than the content within the pipe. Our ability to learn what we need for tomorrow is more important than what we know today.”

Siemens, 2004
June 13, 2016
Same Time, Many Locations:
Online Education Goes Back to Its Origins
Goldie Blumenstyk, The Chronicle of Higher Education

Part II: 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)

February 15, 2016
Synchronous + Asynchronous
Jennifer Maddrell, R678 (Zoom)

Lesson #2. If Plan, No Instructor Required
(Guest Session Run by Assistant)
Lesson #3. Test the System (e.g., Guest No Video)

May 2015
Sync Presentation and Chat in Adobe Connect (from hotel room)
https://connect.iu.edu/p259wpibg9/

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.iu.edu/p2ie1yx6z6x/
Jay Cross, Berkeley
https://connect.iu.edu/p4bytsoronh/

Lesson #6. Be Willing to Reciprocate

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

5. Responding to Publication Visuals
Students find visuals from the culture or country of the guest to respond to; alternatively, they might find charts, tables, figures, and graphs from articles, books, or presentations of the guest expert.

6. Expert Panel
A panel might set up to discuss a particular issue, trend, controversial topic, cultural practice, research finding, announcement, etc.

8. Expert Interviews and Discussions
Students might read the biography or resume of the guest as well as available articles, books, and other resources about this person. Next, the guest might respond to questions from the class based on these resources.
April 28, 2016
Communities
Shindig, Video Chat Tool
Future Trends Forum (with Bryan Alexander)
https://bryanalexander.org/

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

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

November 11, 2015
Learning Talks
Elliott Masie’s Learning 2015
https://emasie.smugmug.com/Learning-2015/Graphic-Illustrations/i-bRhXVKB/A

July 14, 2016
2015 AECT/China Research Symposium - Speakers
11. Expert Presentations and Webinars
The guest expert presentation followed by questions and answer session.
e.g., Cathy Davidson or Michael Wesch, The End of Higher Education, http://connectedcourses.net/thecourse/why

12. Celebration Events
Book Launching via Skype
University of Waikato, New Zealand

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

13. Team Document Review
Research Team Meeting

September 7, 2015
15. Informal Meetings
Blab
https://blab.im/
https://blab.im/jaycross-learning-for-yourself

January 19, 2015
16. Planning Meetings
Sonja Stahl and Diane Salmon, National Louis University, Chicago
October 6, 2016
Zoom, Conference planning meeting, University of Houston

October 23, 2016
16. Interview Meetings
Zoom, Interview on Online Learning/Teaching in IST

January 21, 2016
18. Dissertation Defenses
Dissertation proposal meeting with Susan Herring at UCSC

August 15, 2016
Zoom, Dissertation proposal meeting

19. Threaded Video Discussions
e.g., Flipgrid
http://flipgrid.com/#429f68c9

March 10, 2016
20. Streaming Conferences
Watch SXSWedu Live, Connie Yowell
http://sxswedu.com/live?utm_campaign=Edu+2016&utm_source=hs_email&utm_medium=email&utm_content=27144469&_hsenc=p2ANqtz--ag6U7VJGlpYaciareNq6mryKvA63kCR5O3U8JVQkfAYp7yiTnncHnxw7_PmMpcjioI9V7z1-01hvyCrDPVEAR-x6HwQ&_hsmi=27144469
November 2014
Bonus. Short Cameo Appearances Can Work
Shenzhen, China
Guest Speaker (cameo appearance via Skype from Madrid hotel room)

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