Education 20/20 Meets Education 3.0: Visions of Our Changing Learning World!

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Talk Overview

1. Jobs are changing
2. Education 20/20 and the Role of the Instructor
3. First and Last Principles of Instruction
4. Megatrends of Learning: Engagement, Access, and Customization (30 ways that learning is changing...)
5. Future Trends and Ideas

(Circa Confucius 551–479 BCE)

April 30, 2017
‘Those Jobs Are Gone’
Steve Kolowich, The Chronicle of Higher Education


July 24, 2018
The 100-Year Life: Living and Working in an Age of Longevity
Lynda Gratton and Andrew Scott

http://www.100yearlife.com/
November 28, 2017
 Automation could kill 73 million U.S. jobs by 2030
 Paul Davidson, USA Today

March 29, 2017
 Every industrial robot takes up to 6 jobs, study finds
 Steve Goldstein, MarketWatch
 Video: .49 - 1:12: http://curtbonk.com/futureandroids2.html
 Video: .01 to .25: http://curtbonk.com/futureandroids3.html
 Video.01

December 6, 2017
 Jobs lost, jobs gained: What the future of work will mean for jobs, skills, and wages
 By James Manyika, Susan Lund, Michael Chui, Jacqueline Baglioni, Jonathan Woetzel, Parul Batra, Ryan Ko, and Saurabh Sanghvi
 McKinsey and Company
 Video (2:30): http://curtbonk.com/automation-work.html

Poll: Remember Education 1.0
 1728: 1st correspondence course advertised Boston
 (learn shorthand from Caleb Phillips thru weekly mailed lessons)
 The First University Correspondence Course
 (University of London, External Program, 1858)
 1728-1990s – Generally postal system based

May 10, 2013
 10 ed-tech tools of the 70s, 80s, and 90s
 eSchool News, Meris Stansbury
 http://www.eschoolnews.com/2013/05/10/10-ed-tech-tools-of-the-70s-80s-and-90s/print/

Intelligence Augmentation and Amplification
 Douglas Engelbart’s “The Mother of All Inventions” (1968)
 Augmentation Research Center (ARC)
 (The live demonstration featuring the introduction of hypertext, hypermedia, hyperdocument, oera-conceptualizing, hypertextualized, word processing, hypermedia, object addressing and dynamic drag-drop, bootstrapping, and a collaborative real-time editor.)
 Engelbart’s prototype of a computer mouse, as designed by Bill English from Engelbart’s sketches.
Poll: Remember Education 2.0?

Fast Forward 30+ Years...
"Anyone can now learn anything from anyone at any time."

July 11, 2017
Going 'phigital'? 4 things schools need to know about Generation Z,
Todd Kominiak, TrustEd
May 15, 2017
3 must know's about the rising "phigital" student-and why their impact is enormous,
Meris Stansbury, eCampus News
https://www.ecampusnews.com/campus-administration/education-and-technology/phigital/

July 29, 2016
Reimagine Your Learning Space:
Starbucks Your Classroom!
Oskar Cymerman, Teaching Channel
https://www.teachingchannel.org/blog/2016/07/29/starbucks-your-classroom/

Sterile, industrial-era rows aren't very attractive or motivating. Even more, I've become convinced that traditional educational settings dull the senses...I believe the "Starbucks" environment will promote that freedom and movement. Freedom is the key ingredient to social-emotional well-being and deeper learning. Rows and columns constrict. They hold and stifle. That is the truth. That is the reality in many U.S. classrooms today. But no longer in mine. Never again.

"In Education 3.0, classrooms would move away from lectures, such as this one, to having class time be spent on discussions and projects, using digital technology." (Per Wikipedia: https://en.wikipedia.org/wiki/Education_3.0)

The Creation of Effective Learning Environments
Education 3.0
The Genesis and Emergence of Education 3.0 in Higher Education and its Potential for Africa
First Monday, by Derek Keats and J. Philipp Schmidt, March 2007

September 18, 2017
Education 1.0 to 3.0
Gilly Salmon, University of Liverpool, UK
http://www.gillysalmon.com/learningfutures.html

Now What is Education 4.0?
“Innovation-producing education. Learn more in:
Development of Individual Agency within a Collaborative, Creative Learning Community”
http://www.igi-global.com/dictionary/education-40/41755
https://thinc.in.th/engadmission/education4.html

The Fourth Industrial Revolution: What it means, how to respond
Klaus Schwab, Founder and Executive Chairman, World Economic Forum
https://www.weforum.org/agenda/2016/01/the-fourth-industrial-revolution-what-it-means-and-how-to-respond/

ST Future Economy Roundtable: Is Asia ready for the Fourth Industrial Revolution?
The Straits Times
http://www.straitstimes.com/asia/is-asia-ready-for-the-fourth-industrial-revolution

“IT’s quite clear that the established models of education have to change and adapt to the new environment.”
Clearly... Learning is Changing!

Education 20/20

From Instructor as Credit Manager and Court Room Judge

1. Instructor as Counselor

2. Instructor as Consultant
3. Instructor as Conductor

4. Instructor as Course Ambassador

5. Instructor as Curator

6. Instructor as Concierge

7. Instructor as Camping Trip Guide

8. Instructor as Cultivator
20 New Roles of the Instructor

- Captain
- Curator
- Cook
- Change Catalyst
- Consumer Advocate
- Comedian
- Coach
- Collaborator
- Care Giver
- Course Ambassador
- Conductor
- Concierge
- Consultant
- Community Organizer
- Chemist
- Colleague
- Cultivator

April, 2016
Instructional Design in Higher Education, Gates Foundation and Intentional Futures
http://intentionalfutures.com/reports/instructional_design/

Merrill’s First Principles of Teaching/Instruction
http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

Bonk’s Last Principles of Teaching/Instruction (Education 4.0?)
http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html
http://www.applicadthai.com/articles/education-4-0/

1. The Principle of Flexibility
http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html
2. The Principle of Convenience
http://travelinedman.blogspot.com/2011/05/principles-of-instruction.html

3. The Principle of Collegiality
http://travelinedman.blogspot.com/2011/05/principles-of-instruction.html

4. The Principle of Cheerfulness and Optimism
http://travelinedman.blogspot.com/2011/05/principles-of-instruction.html

5. The Principle of High Expectations
http://travelinedman.blogspot.com/2011/05/principles-of-instruction.html

6. The Principle of Choice and Options
http://travelinedman.blogspot.com/2011/05/principles-of-instruction.html

7. The Principle of Empowerment and Autonomy
http://travelinedman.blogspot.com/2011/05/principles-of-instruction.html
August 6, 2018
Why I’m Easy: On Giving Lots of A’s
Gary Laderman, The Chronicle of Higher Education

Professor’s plan to let students grade themselves gets an F,
Paul LeBlanc, CNN

8. The Principle of Support and Feedback
http://travelinedman.blogspot.com/2011/05/principles-of-instruction.html

9. The Principle of Spontaneity
http://travelinedman.blogspot.com/2011/05/principles-of-instruction.html

10. The Principle of Organization
http://travelinedman.blogspot.com/2011/05/principles-of-instruction.html

11. The Principle of Sharing
http://travelinedman.blogspot.com/2011/05/principles-of-instruction.html

12. The Principle of Nontraditional Learning
http://travelinedman.blogspot.com/2011/05/principles-of-instruction.html
13. The Principle of Passion and Inspiration
http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

14. The Principle of Relevance and Meaningfulness
http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

15. The Principle of Trial and Error (i.e., it is ok to fail)
http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

16. The Principle of Expanded Resources
http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

The World is Open:
How Web Technology Is Revolutioning Education
17. The Principle of Human Connectedness
http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

18. The Principle of Cognitive Apprenticeship
http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

19. The Principle of Purpose and Vision
http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

20. ??? (what is missing)
http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

Bonk's 20 "Last" Principles of Instruction
(LAST = Learning Activation System Template)
http://travelinedman.blogspot.com/2011/05/bonks-last-principles-of-instruction.html

Support and Feedback  Nontraditional Learning
Spontaneity  Passion and Inspiration
Collegiality  Relevance and Meaningfulness
High Expectations  Trial and Error (i.e., it is ok to fail)
Empowerment and Autonomy  Expanded Resources
Choice and Options  Purpose and Vision
Convenience  Human Connectedness
Flexibility  Cognitive Apprenticeship

Thirty Ways Learning is Changing...
(i.e., it's more informal, video-based, ubiquitous, collaborative, self-directed, global, mobile, open, massive, etc.)

ARKit lets you create immersive augmented reality experiences on iOS devices. (Photo: Wareable)
30+ Ways Learning is Changing: The Mega Trends

Mega Trend #1. Learner Engagement

August 31, 2016
Learning is More Mobile
Samsung ticks forward with new Gear S3 smartwatch
Edward C. Baig and Eli Blumenthal, USA TODAY

January 3, 2018
Learning is More Mobile
CES 2018: Your guide to the biggest consumer electronics show
USA Today

August 4, 2017
Learning is More Mobile
When our smartphones leave us out of touch
Brett Molina, USA Today

May 15, 2018
Learning is More Mobile
Sony Digital Paper
https://www.sony.com/electronics/digital-paper/notepads/dpt-rp1
February 7, 2017 (Engagement)
Learning is More Social
YouTube takes on Facebook with mobile live
Jefferson Graham, USA Today

May 31, 2017
Learning is More Digital and Resource Rich
Enticing Students to Read Again
Ellen McCracken, The Chronicle of Higher Education
Digital Dubliners—a guide to Joyce’s stories written for students by students, will bring a new reading experience to today’s classroom.
http://www.chronicle.com/article/Enticing-Students-to-Read/144347

January 2, 2018
Learning is More Visual
5G to AR: Here are 7 technologies to watch in 2018
Edward C. Baig, USA Today
Face ID takes less than a minute to set-up. In practice, it works better than expected, but it’s not perfect

April 22, 2018
Learning is More Visual
Microsoft AI Commercial ft. Common
Face ID takes less than a minute to set-up. In practice, it works better than expected, but it’s not perfect

May 14, 2018 (Engagement)
Learning is More Adventurous
Aaron Doering, Chasing Seals, TEDx
https://chasingseals.com/

August 8, 2017
Learning is More Game-like
ShortSims
http://www.shortsims.com/
Clark Aldrich clark@clarkaldrichdesigns.com
July 29, 2018
Learning is More Collaborative
Why Silicon Valley is teaming up with San Quentin to train young people to code
Jessica Guynn and Megan Diskin, USA TODAY

March 21, 2018
Learning is More Collaborative
Chatterbox
The overall winner in the competition was Chatterbox, an online language school powered by refugees
https://wearechatterbox.org/

May 1, 2018
Learning is More Hands-on
3 ways districts can use AR and AI
Justin Anglio, eSchool News
EarthShake, the first educational game for the NoRILLA system, teaches early physics principles through hands-on learning.

May 1, 2018
Learning is More Immersive
3 ways districts can use AR and AI
Justin Anglio, eSchool News
When a teacher glances around her classroom, Lumilio allows her to see real-time analytics (in the form of icons) floating directly above each student’s head. The teacher can glance directly at a student or “click” on a student’s icon to see more detailed information about where and how that student might be struggling.

July 19, 2017
Learning is More Immersive
HoloLens Assists in Live Surgery
Tommy Palladino, Next Reality
Numerous examples exist of doctors and surgeons using HoloLens to plan surgeries. The device has even been used to view reference images during a procedure and stream it to a remote audience. Until recently, it has not been used to augment the surgeon’s view of the patient during a live surgery.
Video #1: 1:09: http://curtbonk.com/hololens.html
Video #2: 1:37: http://curtbonk.com/hololens2.html

May 18, 2017
Learning is More Immersive
Google Expeditions Adds Augmented Reality for Classrooms, Sri Ravipati, THE Journal
Google Expeditions Adds Augmented Reality for Classrooms, Sri Ravipati, THE Journal
Video: https://thejournal.com/articles/2017/05/18/google-expeditions-adds-augmented-reality-for-classrooms.aspx
Video: https://www.youtube.com/watch?v=27AxF9H2w6o
27 seconds http://curtbonk.com/thejournal27.html
38 seconds http://curtbonk.com/thejournal38.html
1: 10: http://curtbonk.com/thejournal.html
How Learning is Changing: Mega Trend #2. Pervasive Access

Learning is More Ubiquitous

363 by Idea Group; Study Café Meeting Place; Idea Space (Seoul, Korea)

http://363.co.kr/wp/?page_id=244
http://363.co.kr/wp/?bw_gallery=study-cafe_11

Massive work of 'sentient art' unveiled at Luddy Hall is also a learning tool for students Indiana University


Beesley is renowned for the use of cutting-edge technologies and materials - sensor arrays, 3D printed materials and Internet-connected objects - to create enormous works of art that gently move or react as people pass near or through them.

Learning is More Informal

World of active learning in higher ed

Formal and informal learning spaces transforming campuses internationally

Sherrie Negrea, University Business, May 2018

https://www.universitybusiness.com/article/world-active-learning-higher-ed

Learning is More Global

e.g., reef videoconferencing

(Great Barrier Reef, Australia)


May 7, 2014 (Access)
Learning is More Global

CNA - Speaking Exchange (video chats)

May 7, 2014 (Access)
Learning is More Global

CNA - Speaking Exchange (video chats)

FCA Brazil and the CNA language school network are launching the Speaking Exchange project, which connects CNA students in Brazil with Americans living in retirement homes.
May 9, 2017 (Access)
Learning is More Immediate...
Meet Zuul, the new dinosaur species named after 'Ghostbusters' demon
Traci Watson, USA Today

July 11, 2018
Learning is More Immediate...
Fossil of first giant dinosaur, dubbed Ingentia prima, found in Argentina
Brett Molina, USA Today

September 21 and November 12, 2017
Learning is More Immediate...
Scientists just discovered the first brainless animal that sleeps
Sara Kaplan, Washington Post

November 19, 2015 (Access)
Learning is More Immediate...
New daddy longlegs named after 'Lord of the Rings' character Smeagol, Mary Bowerman, USA Today

February 15, 2017 (Engagement)
Learning is More Synchronous
Shindig, Future Trends Forum, Bryan Alexander
http://www.shindig.com/
http://events.shindig.com/event/futuretrendsforum

February 19, 2018
Learning is More Online (Access)
Grade Increase:
Tracking Distance Education in the United States
Joshua Kim, Inside Higher Ed
http://onlinelearningsurvey.com/reports/gradeincrease.pdf
http://babson.qualtrics.com/jfe/form/SV_djbTFMIjZGYDNVb
Learning is More Online (Access)
Indiana University, Office of Online Education

November 1, 2017

Can a Huge Online College Solve California’s Work-Force Problems?
Karin Fischer, The Chronicle of Higher Education
https://www.chronicle.com/article/Can-a-Huge-Online-College-Solve/244054

The new college is being created to help California’s adults improve their job prospects in growing fields like IT support.

May 10, 2017

50-year-old Bible college in Colorado Springs to sell campus, switch to online-only instruction, Debbie Kelley, The Gazette

June 14, 2016

Microsoft to Acquire LinkedIn for $26.2 Billion, Jay Greene, CNN Money

June 7, 2016

Teaching refugees how to code, CNN Money

June 20, 2016

Learning is More Free and Open
Coursera on a Mission to Help Refugees
Lauren Camera, US News and World Report

The Evolution of E-Learning (All 7 cycles)
Phase IV, 2015: THE AGE OF PERSONALIZATION.

Other prior significant e-learning dates:
1995: FIRST ONLINE COURSE, LINDA-HAASEM, UNIV. OF TORONTO
1997: HYPERCARD FIRST SHIPPED.
April 6, 2018 (Access)
Learning is More Free and Open
Indiana University's eText 101: Are your students paying too much for textbooks?

December 19, 2017 and April 24, 2018
Learning is More Free and Open
eTexts 101: A Practical Guide
https://iu.pb.unizin.org/iuetexts101/frontmatter/introduction/

June 7, 2018
Open Educational Resources
The Chronicle of Higher Education
http://images.results.chronicle.com/Web/TheChronicleofHigherEducation/%7B0cbd562d-5eee-4c74-88e4-4894148213e1%7D_2018_OpenEducationResources_Infographic_v4.pdf

May 19, 2016 (Access)
Learning is More Free and Open
From MOOC to bootcamp to MIT
MIT News, Office of Digital Learning
(Jin Wu—from MITx to MIT Global Entrepreneurship Bootcamp to master's student)

May 3, 2017
Learning is More Free and Open
4 out of 5 Companies Have Hired a Coding Bootcamp Graduate
Sri Ravipati, Campus Technology

August 9, 2017
Learning is More Free and Open
Modern State Education Alliance
https://modernstates.org/
March 6, 2018
Learning is More Direct from Experts
By connecting Chinese pupils with North American teachers, Beijing-based platform is building cultural bridges, one online English class at a time.
Most Innovative Companies, Fast Company
Interview with VIPKid CEO Cindy Mi
https://www.fastcompany.com/company/vipkid

TeachMeNow is a gig-economy platform for teachers. This marketplace connects teachers, experts, and mentors to students. The technology combines scheduling, payments and live virtual sessions that can connect on any device allows tens of thousands of teachers to create their own online businesses, with some earning over $200,000 last year. In addition, schools and companies including Microsoft use TeachMeNow software to create their own-branded online learning communities.
https://teachmenow.com/

September 25, 2017
Learning is More Direct from Experts
Professors Have Taken Over the MOOCs: How open online learning is changing
Joshua Kim, Inside Higher Ed
https://www.insidehighered.com/blogs/technology-and-learning/professors-have-taken-over-moocs

May 12, 2017 (Customization)
Learning is More Modifiable
The Future of Collaboration Spaces Encompasses Video Interactive, Mobile, Julia Johnstone, IU, Campus Technology

March 2, 2018
The Architecture of Ideal Learning Environments
Emelina Minero, Edutopia
https://www.edutopia.org/article/architecture-ideal-learning-environments
January 20, 2016
Learning is More Blended
Universities tap growth of craft beer, offer classes, Chicago Tribune

January 14, 2018
Learning is More Communal (Feb 16, 2017)
Facebook invites you to live in a bubble where you’re always right
Callum Borchers, The Washington Post

January 2, 2018
Learning is More Personal
5G to AR: Here are 7 technologies to watch in 2018, Edward C. Baig
(e.g., Augmented hearing)

March 23, 2017 (Customization)
Learning is More Personal
Arizona State U Launches Open, Adaptive Lessons on Space Exploration
Rhea Kelly, Campus Technology

April 8, 2018
Learning is More Personal
Can Artificial Intelligence Make Teaching More Personal?
Goldie Blumenstyk, The Chronicle of Higher Education
https://www.chronicle.com/article/Can-Artificial-Intelligence/243023

May 9, 2017 (Customization)
Learning is More On Demand (PDAs)
Amazon Echo Show brings chatty Alexa to a two-way, video touchscreen
Edward C. Baig and Elizabeth Weise, USA Today
44 Seconds: http://curtbonk.com/jetsons44.html
May 9, 2018
Learning is More on Demand
Battle of the Brains:
We asked Google, Alexa and Siri 150 questions to see who’s smartest
Jefferson Graham, USA Today

January 9, 2017
Learning is More On Demand
Jill Watson, Round Three, Georgia Tech course prepares for third semester with virtual teaching assistants,
Jason Maderer, Georgia Tech News Center
http://www.news.gatech.edu/2017/01/09/jill-watson-round-three

April 8, 2018
Learning is More On Demand
What I Learned When My Students Used Google Translate
Diane Loyet, The Chronicle of Higher Education
• I was very surprised by the results. They sent me examples of translations into English from Albanian, Chinese, Kazakh, Russian, and Spanish. The translations from Albanian, Kazakh, Russian, and Spanish were good. They were not perfect, but the mistakes were such that, had I encountered the sentences in a student paper, I would have attributed them to grammatical errors on the part of the non-native speaker of English. Here is one of the Spanish examples:
• Original Spanish: Si yo fuera tú, le cobraría hasta por respirar.
• Google Translate’s English translation: If I were you, I’ll even charge you for breathing.
• Accurate translation: If I were you, I would even charge him for breathing.

April 8, 2018
Learning is More On Demand
What I Learned When My Students Used Google Translate
Diane Loyet, The Chronicle of Higher Education
• In contrast, Google Translate’s English version of a Chinese passage was unintelligible:
• But the second language acquisition is a steady process, if you take a cure to do, that is, chronic diseases and even health care, unlike acute disease, once the recipe to treatment, the consequences will soon be reflected.

May 9, 2018
Learning is More on Demand
Google Duplex Demo from Google IO 2018
Video (4:11): https://www.youtube.com/watch?v=bd1mEm2Fy08
Video (2:05): http://curtbonk.com/google40-245.html
Donald Clark Plan B
http://donaldclarkplanb.blogspot.ca/2018/05/google-just-announced-ai-bot-that.html?m=1
June 15, 2017
Learning is More Massive
MOOCs for Credit
Class Central

July 1, 2015 (Customization)
Chapter 14: Creating a Temporary Spontaneous Mini-Ecosystem through a MOOC
Paul Kim and Charlie Chung, Stanford University
Figure 2. Twitter thread announcing the MOOC

June 14, 2016 (Customization)
Chapter 15: Learning About MOOCs by Talking to Students
Charles Severance, Univ. of Michigan
Anuar Lequerica, Class Central

August 1, 2018
MOOC: AI A-Z: Learning How to Build an AI Online Course and Machine Learning
Mengyuan Zhao
https://www.udemy.com/artificial-intelligence-ai/
https://www.coursera.org/learn/machine-learning

July 28, 2016 (Customization)
Learning is More Massive
Udemy: "Get cozy with a class"
https://www.udemy.com/

October 30, 2017
Learning is More Massive
Report: 59% of employed data scientists learned skills on their own or via a MOOC
Alison DeNisco Rayome
https://www.tednews.com/article/59-of-employed-data-scientists-learned-skills-on-their-own-or-via-a-mooc/
MOOCs are Like Library Books...

March 6, 2018
Learning is More Competency-Based
Degreed gets $42M to help build a tool to help employees learn the right skills
Matthew Lynley, TechCrunch
https://techcrunch.com/2018/03/06/degreed-

March 3, 2017 (Customization)
Learning is More on Modular
edX Expands MicroMasters Programs With Data Science (“nanodegrees”)
Sri Ravipati, Campus Technology
https://campustechnology.com/articles/2017/03/01/edx-

January 9, 2018
Learning is More on Modular
MIT launches MITx MicroMasters in Principles of Manufacturing, MIT Open Learning
http://news.mit.edu/2018/mit-launches-new-mitx-micromasters-program-principles-

May 3, 2018
MicroMasters Credentials are a Pathway to Today’s Top Jobs, edX
https://www.edx.org/micromasters

Email inbox: June 10, 2018
edX
https://www.coursera.org/enroll
Email inbox: June 11, 2018

Coursera

https://www.coursera.org/

MOOCs and Open Education Around the World

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

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

January 30, 2017

1. Professor Einstein PDA’s

http://www.usatoday.com/story/tech/2017/01/30/robotic-barista-now-serving-really-fast/95888780/

Professor Einstein, an educational Wi-Fi connected robot is on display at the Hanson Robot display during the opening day of Consumer Electronics Show 2017. (Photo: Robert Hanashiro, USA TODAY)

February 27, 2017

2. World Knowledge Refreshment Stations

http://www.thelivingmoon.com/43ancients/02files/Library_Alexandria.html
February 27, 2017
3. Robot Collaborators/Partners
http://www.thelivingmoon.com/43ancients/02files/Library_Alexandria.html

June 3, 2016
4. Explosion of Virtual Reality
VR Lets Med Students Experience What It’s Like To Be 74
Elyse Wanshel, Huffington Post
http://ht.ly/bSpe300XEPJ

February 27, 2017
5. Web Conferencing
Global Learning Partner or PBL Team Selection Walls
http://www.thelivingmoon.com/43ancients/02files/Library_Alexandria.html

September 22, 2017
Henry Kronk, E-learning Inside News
https://theumlaut.com/binge-learning-is-online-education-s-killer-app-84da18f8ae76

7. Rise of Super E-Mentors

8. Café Classroom and Café Connectedness
9. Instructional Designer Morphs into Learning Environment Engineer

Poll: Excited or does all this give you a headache?

We are entering a jumping off point...
(South University of Science and Technology of China, Wednesday June 10, 2015)

Things are heating up!

The Learning Revolution is coming within reach!

Remember...
"I cannot do this alone."
"I cannot do this alone."
Any Questions or Comments?

Slides at: TrainingShare.com
Papers: PublicationShare.com
Free book: http://tec-variety.com/
Email: cjbonk@indiana.edu