



As technology got smarter... Remote learning isn't new: Radio instruction in the 1937 polio epidemic Katherine A. Foss, The Conversation

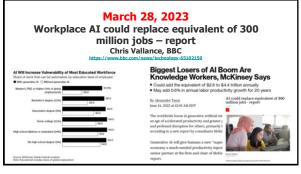
learning isn't new: Radio on in the 1937 polio epide



And even smarter... April 20, 2023 Learning to code isn't enough Joy Lisi Rankin, MIT Technology Review MT Inchage

4







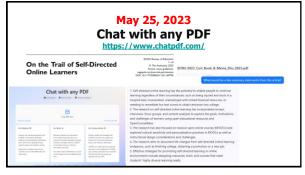


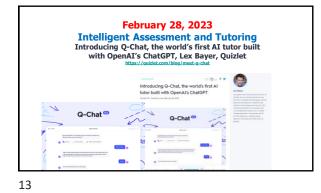














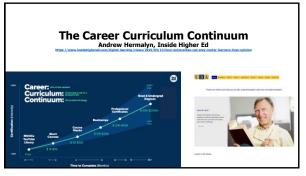


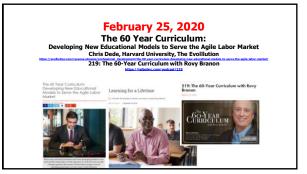
1	
т	J

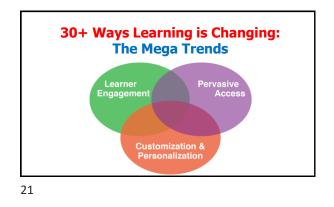
April 22, 2023 In UNESCO "Quick Start Guide to ChatGPT and AI in Higher Education						
Role ⁶	Description	Example of implementation				
Possibility engine	Al generates alternative ways of expressing an idea	Students write queries in ChatGPT and use the Regenerate response function to examine alternative responses.				
Socratic opponent	Al acts as an opponent to develop and argument	Students enter prompts into ChatGPT following the structure of a conversation or debate. Teachers can ask students to use ChatGPT to prepare for discussions.				
Collaboration coach	Al helps groups to research and solve problems together	Working in groups, students use ChatGPT to find out information to complete tasks and assignments.				
Guide on the side	Al acts as a guide to navigate physical and conceptual spaces	Teachers use ChatGPT to generate content for classes/courses (e.g., discussion questions) and advice on how to support students in learning specific concepts.				
Personal tutor	Al tutors each student and gives immediate feedback on progress	ChatGPT provides personalized feedback to students based on information provided by students or teachers (e.g., test scores).				

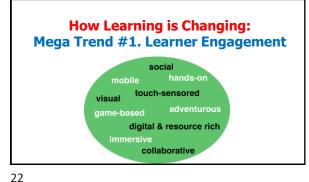




















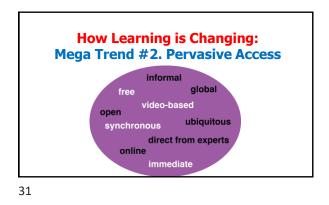
























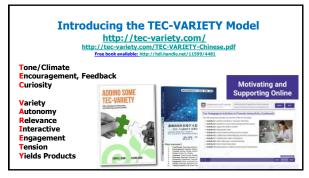


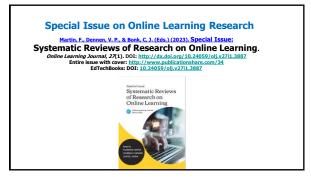








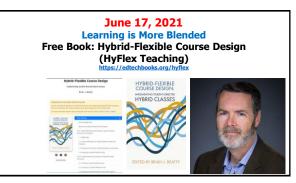






















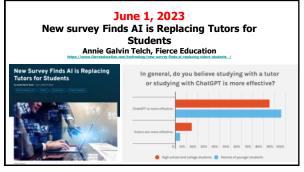


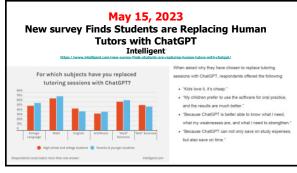




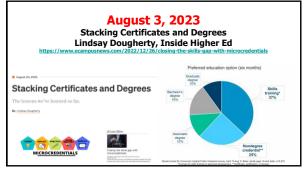










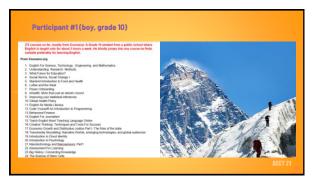


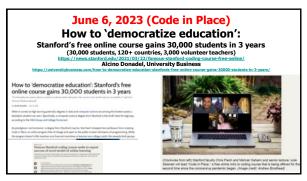
	lternati	ve Crec	nside Hig	on the			
edX Expands MicroMasters Programs with Data Science, Digital Leadership and More Science Team	Index 2012 = 100		ate nondegree/certific		ly remain a fast- grow	ing market segment	
	110						-
Google IT Protessional Certificates	100						_
And in the second s	80						
A CA	#0 2012	2013	2014	2018	2018	2017	



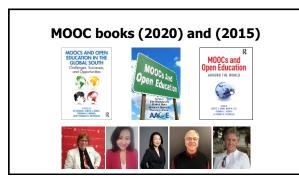




















2. What types of data are collected and analyzed within the smart learning environment to inform instructional decisions?



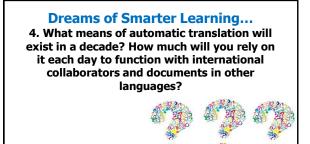
Dreams of Smarter Learning...

3. How will questions of learner engagement shift as learning becomes more immersive, massive, open, blended, visually-based, and online?

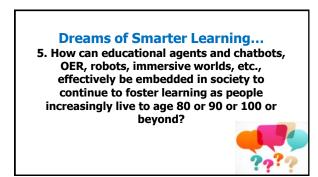


74

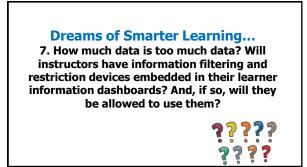




75







Dreams of Smarter Learning...

8. How will we know or recognize when we have arrived at a smarter stage in the evolution of learning environments? What will each signal tell us and what will be the signals at each stage?



79



cloaked under the disguise of personalizing learning?



80



their strategies and approaches based on vast as well as minute individual differences?



81

Dreams of Smarter Learning...

11. How smart must a learner be to take advantage of SLEs? Is there a threshold level of metacognitive skill required? Who will research and fashion SLEs for learners at different developmental levels or stages?



