

Technology Today, Technology Tomorrow: Might Learning Evolutions lead to Learning Revolutions?

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Abstract

Change is inevitable. Technology change is pervasive. Yesterday's technologies wiped entire industries and occupations. Today's technologies are accelerating these changes, and are, in particular, transforming the field of education. Learning is definitely changing. There is now a pervasive need for innovations in how we teach and how we learn. In response, Professor Bonk will detail a set of 20 "last" principles of instruction including the Principle of Flexibility, the Principle of Meaningful Learning, the Principle of Choice and Options, the Principle of Spontaneity, and the Principle of High Expectations. He will also highlight new roles for instructors in light of these principles. Next, he will discuss these in light of three megatrends related to learning technology today: (1) the technologies for engagement; (2) the technologies for pervasive access; and (3) the technologies for the personalization and customization of learning. He will also take a moment to gaze into the future of learning as each of these megatrends evolve. In the third decade of the 21st century, learning has become increasingly flipped, social, collaborative, global, game-like, mobile, modifiable, open, online, visually-based, hands-on, ubiquitous, personal, and much more. Bonk will end his talk with predictions of the future such as robot partners on collaborative teams, world knowledge refreshment stations, Professor Einstein PDAs, the rise of super e-mentors, classrooms as cafes, learning environment engineers, and much more. Is this an evolution or a revolution? Professor Bonk will let the audience decide.

About the Speaker

Curt Bonk is Professor at Indiana University teaching psychology and technology courses. He is a passionate and energetic speaker, writer, educational psychologist, instructional technologist, and entrepreneur as well as a former certified public accountant and corporate controller. He has published more than 375 manuscripts and spoken in dozens of countries around the world. Among his numerous research and teaching awards are the Cyberstar Award, the Charles Wedemeyer Award for Outstanding Practitioner in Distance Education, the AACE Fellowship Award, and the Online Learning Journal Outstanding Research Achievement Award in Online Education. In 2020, Curt was awarded the IU President's Award for Excellence in Teaching and Learning Technology. Bonk has been annually named among the top 100 contributors to the public debate about education from more than 20,000 university-based academics. He has authored a dozen books including The World Is Open, Empowering Online Learning, The Handbook of Blended Learning, Electronic Collaborators, Adding Some TEC-VARIETY which is free (http://tec-variety.com/), and MOOCs and Open Education Around the World1. (http://www.moocsbook.com/). He can be contacted at cjbonk@indiana.edu and his homepage is at http://curtbonk.com/.



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