



Online Learning

Evan Silberman
15 November 2013



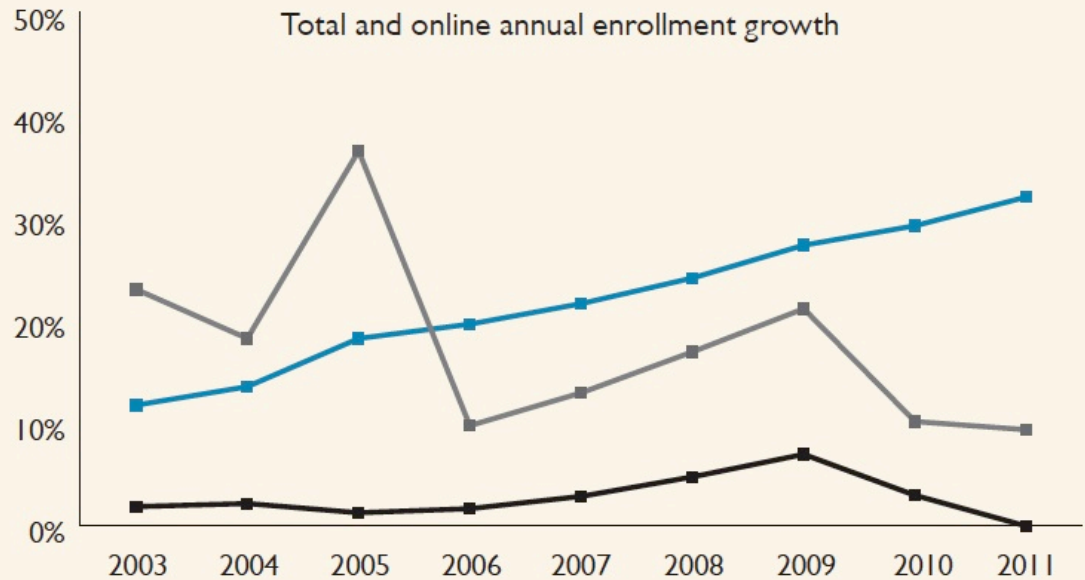


Current State

Current State

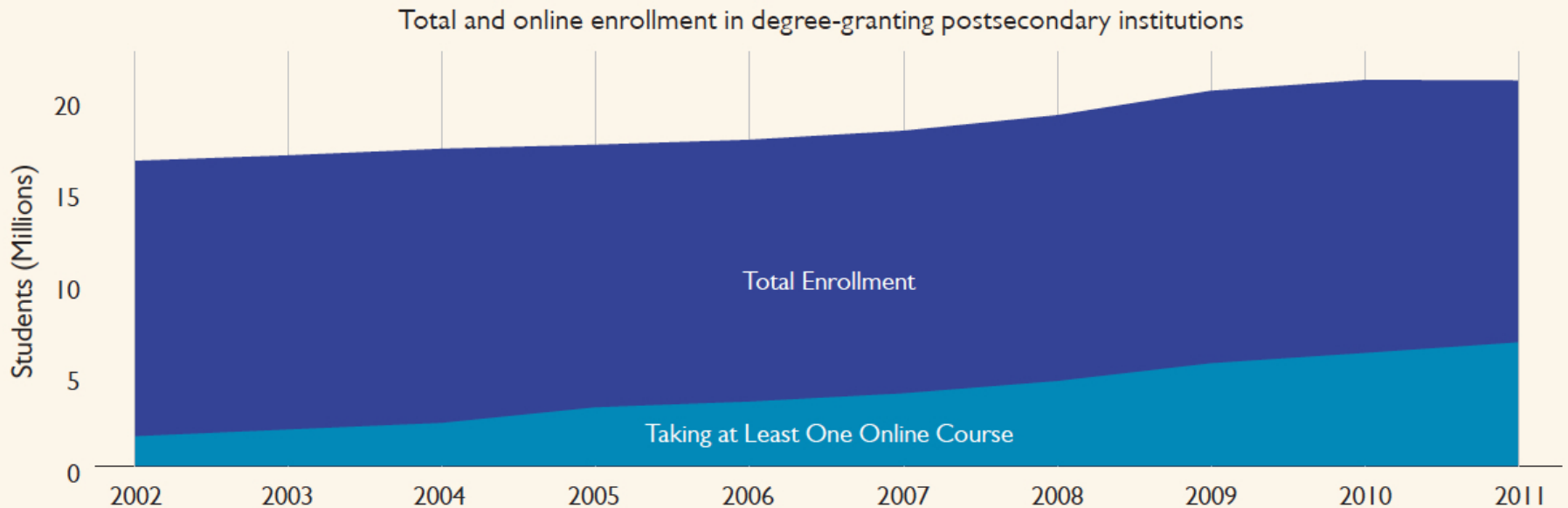
Year after year the number of online enrollments steadily increases its proportion of total enrollments starting at 11.7% in 2003 and increasing to 32% in 2011.

- Online enrollment as a percent of total enrollment
- Annual growth rate of online enrollment
- Annual growth rate of total enrollment



Current State

How many students are learning online?



Current State, *Continued*

Through 2017, K-12 online education spending will increase 25%, while budgetary constraints will keep spending on traditional instructional categories stagnant.



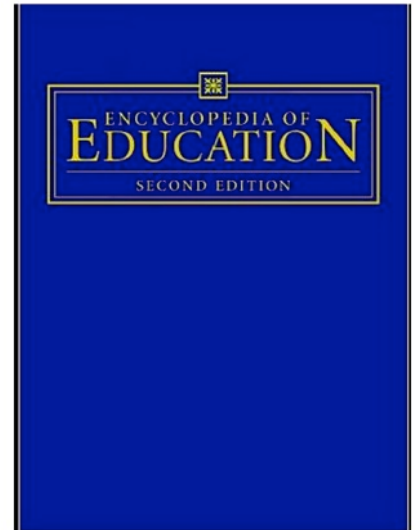
Definition

Defining Online Learning

- Correspondence Study
- Distance Learning
- Distributed Education
- Hybrid Class
- Blended Learning
- Open Learning
- Online Learning
- E-Learning

Defining Online Learning, *Continued*

“...Education in which “the teacher and the student are separated geographically so that face-to-face communication is absent; communication is accomplished instead by one or more technological media, most often electronic (interactive television, satellite television, computers, and the like)”



A term for the physical separation of teachers and learners...distance...With an emphasis on the learner.

Common Concepts

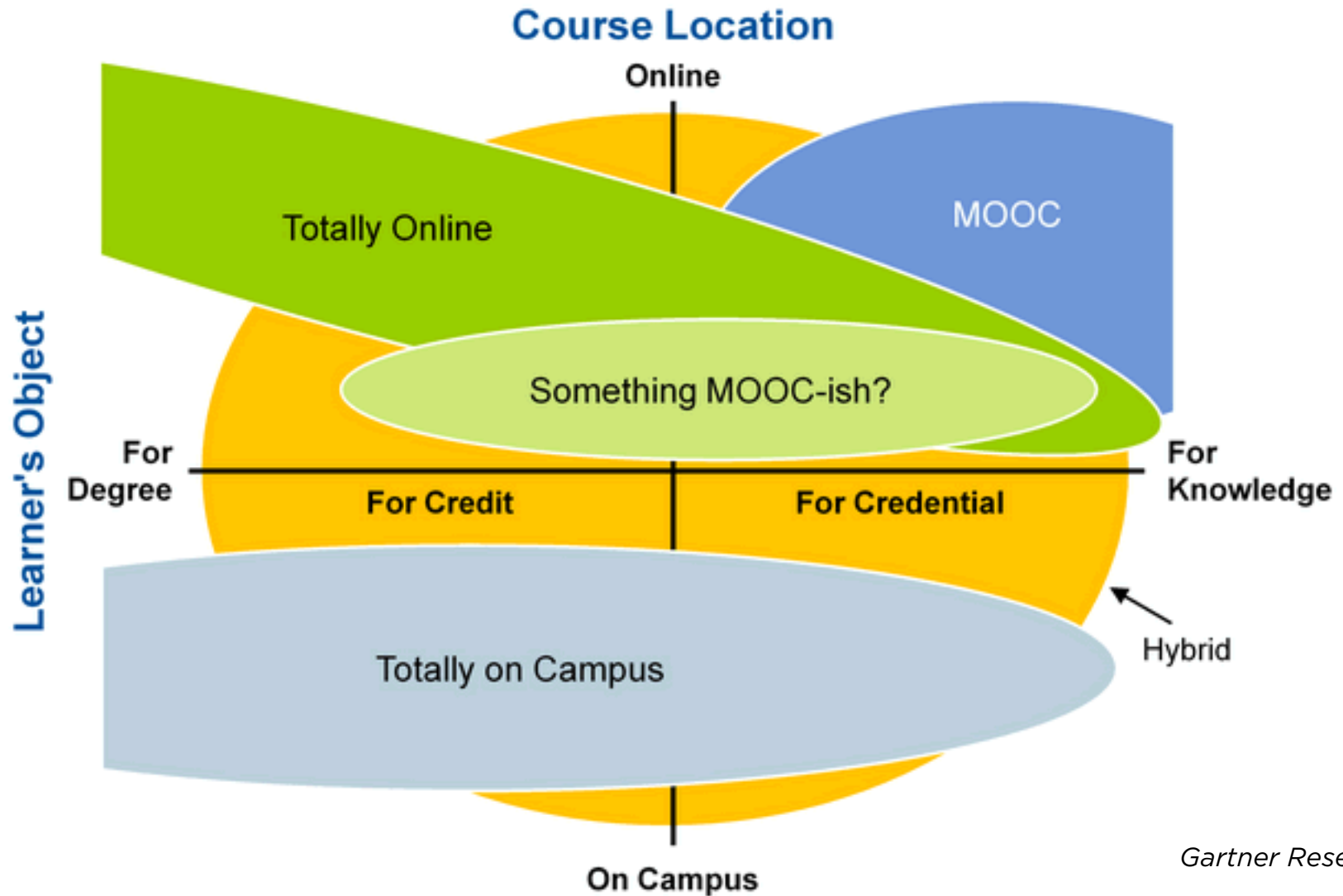
- Education - A course of study is being undertaken involved both teaching and learning
- Overcoming Barriers of Place and Time
- A Tool is Used to Facilitate Learning
- Technology is Broadly Applicable
- Distance Learning Happens in a Variety of Formats

Continuum of Online Education



- Traditional Classroom
- Traditional Classroom with Digital Enhancements
- Hybrid
 - Traditional class with digital enhancements
 - Flipped class
 - Course with peer-to-peer tutoring
- Fully online course
- Massively Open Online Courses (MOOCs)

Continuum of Online Education



Benefits

- Overcome barriers
 - place and time
 - learning styles
 - other educational barriers (e.g., Learners with disabilities)
- Increase access to education
- Reduce travel
- Cost avoidance/Cost savings
- Increased visibility

The Main Points About Online Learning

- Established
- Effective
- Learner Centered



Technology

Technology

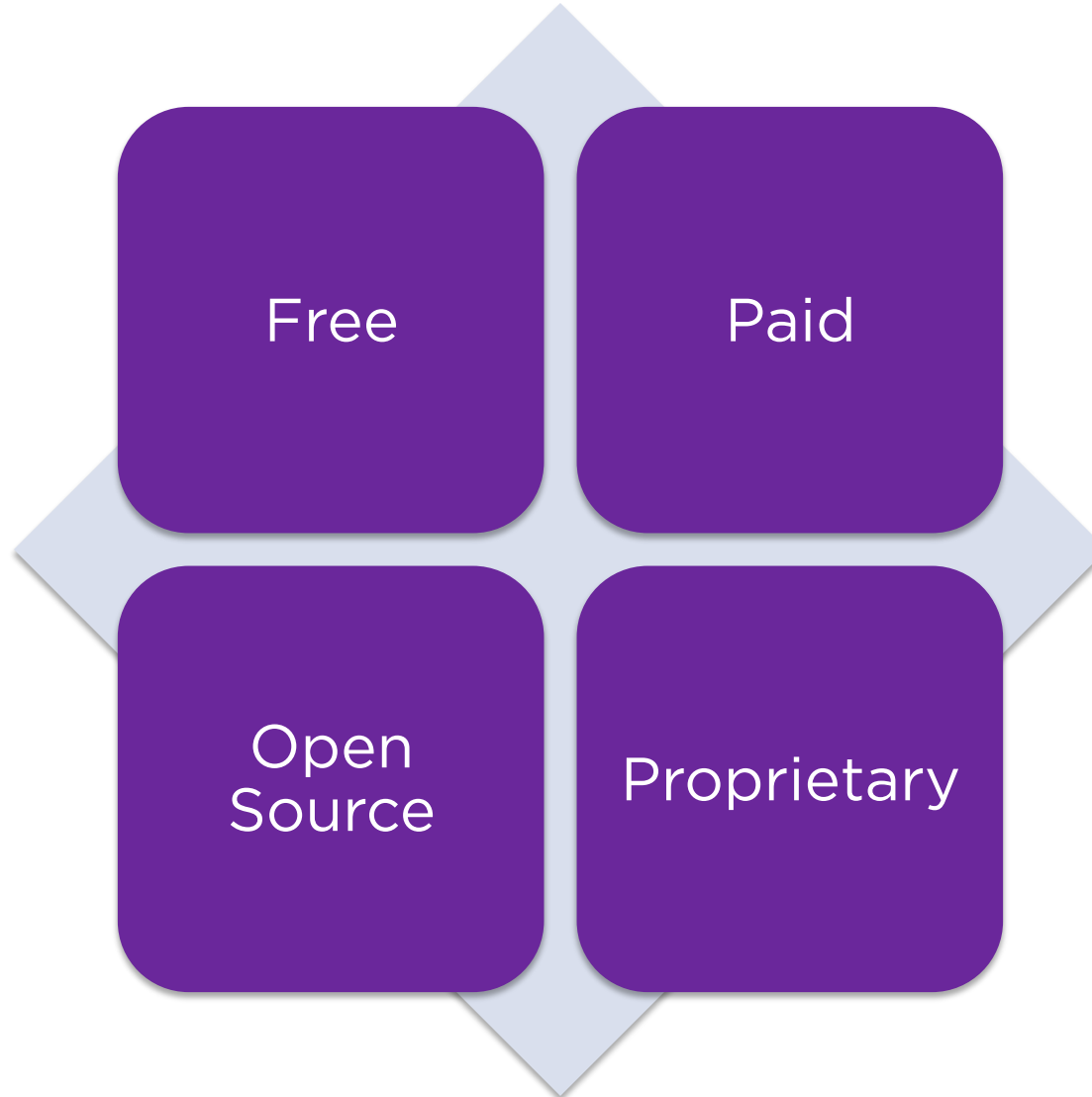
Synchronous

Communication in which all parties participate at the **same** time.

Asynchronous

Communication in which the parties participate at **different** times.

Technology



Learning Management Systems

Product	Free	Paid	Open Source	Proprietary
Blackboard		X		X
Blackboard Course Sites	X			X
Moodle	X		X	
Canvas				
Desire 2 Learn		X		X
Sakai	X		X	
MOOC.org	X		X	

Other Useful Technology

Product	Free	Paid	Open Source	Proprietary
GoToMeeting		X		X
WebEx		X		X
Adobe Connect		X		X
Wordpress	X	X	X	
Wikispaces	X	X		X
Google Apps	X			X



MOOCS

Massively Open Online Courses (MOOCs)

THE CHRONICLE OF HIGHER EDUCATION

November 5, 2013

Log In | Events | Store

Subscribe Today

Home

News

Global

Opinion & Ideas

Facts & Figures

Blogs

Advice

Forums

Jobs

Search The Chronicle

Go

Online Learning



MOOC Madness

An inside look at the latest phenomenon in online learning. In this special report, we look at the hype, the hope, and the details—and offer the voices of the pioneers, converts, skeptics, and the undecided.



Mad About MOOC's

Brave New World

Will massive open online courses save higher education, or endanger it?

Engaging the Planet

5 ways edX could change education.

Case Studies

Four professors take four different approaches to MOOC's.

1.3 Million Students and Counting

Andrew Ng, co-founder of Coursera, discusses its culture of innovation.

Giving a MOOC a Try

Ann Kirschner, an online pioneer, takes one of the new mega-courses.

MOOC's and Middle America

Greg Graham worries that average students won't get the face-to-face contact they need.



What You Need to Know About MOOC's

Complete coverage from *The Chronicle*. Read the latest news, views and related information.



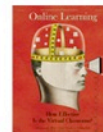
A MOOC About MOOC's

Struggling to make sense of the future? Join a MOOC on the future of higher education. See a video for details.



Purchase the 2012 Online Learning Supplement

Our special report explores the latest phenomenon in online learning: The MOOC. Purchase it now.



Purchase the 2011 Online Learning Supplement

Our special report explores how calls for quality control and assessment are reshaping online learning. Purchase it now.

The Online Learning Microsite

Information provided by sponsors



Budget restrictions are an ever-present threat to innovation on college campuses.

Learn how top

technology companies are working with institutions to advance online learning as programs continue to expand on campuses

Massively Open Online Courses (MOOCs)

coursera

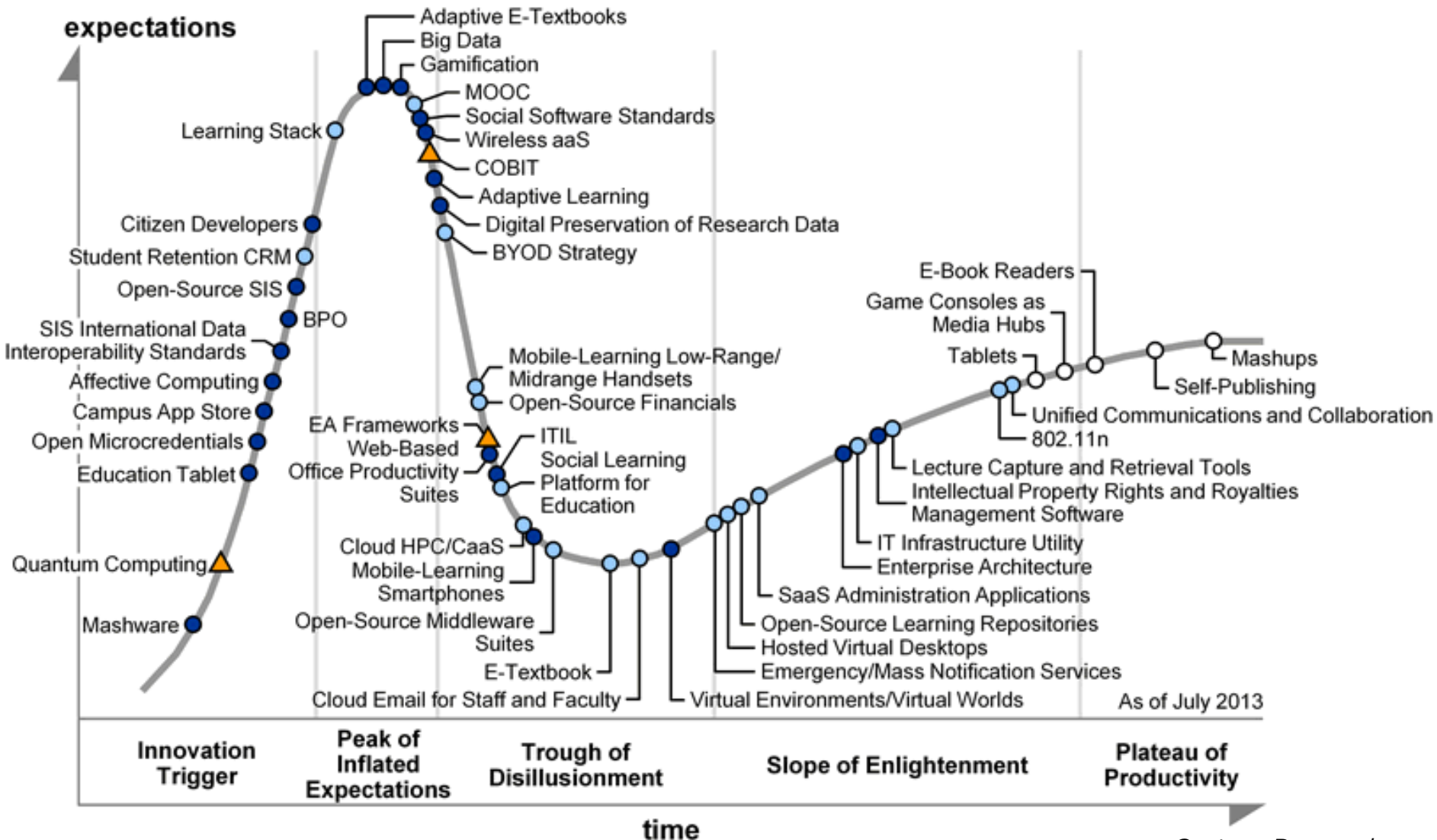


UDACITY



MIT **OPEN** COURSEWARE
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

MOOCS



Plateau will be reached in:

- less than 2 years
- 2 to 5 years
- 5 to 10 years
- ▲ more than 10 years
- ⊗ obsolete before plateau

Gartner Research



Getting Started

Getting Started

- I. Gain Some Experience
- II. Start Small
- III. Develop a Plan
- IV. Engage Stakeholders
- V. Be Prepared
 - I. For Change
 - II. To Train Your Staff, Instructors,
and Learners
- VI. Make Alternatives Available
- VII. Think Iteratively

Thank You. Questions?



Evan Silberman
ems296@nyu.edu