

# DIY U: the Transformation of Higher Education

Anya Kamenetz

Hendrick Best Practices for Adult  
Learners Conference

May 14, 2012

My lenses:  
Faculty brat

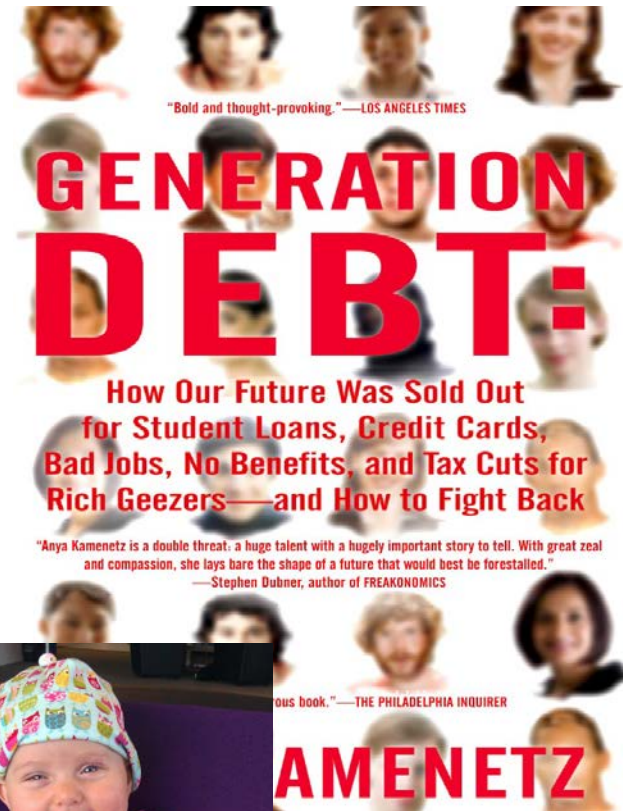


Journalist



Mother

Gen Y rep



\* **Two-thirds** of BAs have federal student loans. (less than  $\frac{1}{2}$  in 1993).

\* Average debt: **\$27,803**

\* 2-year default rate: 8.8% and rising.



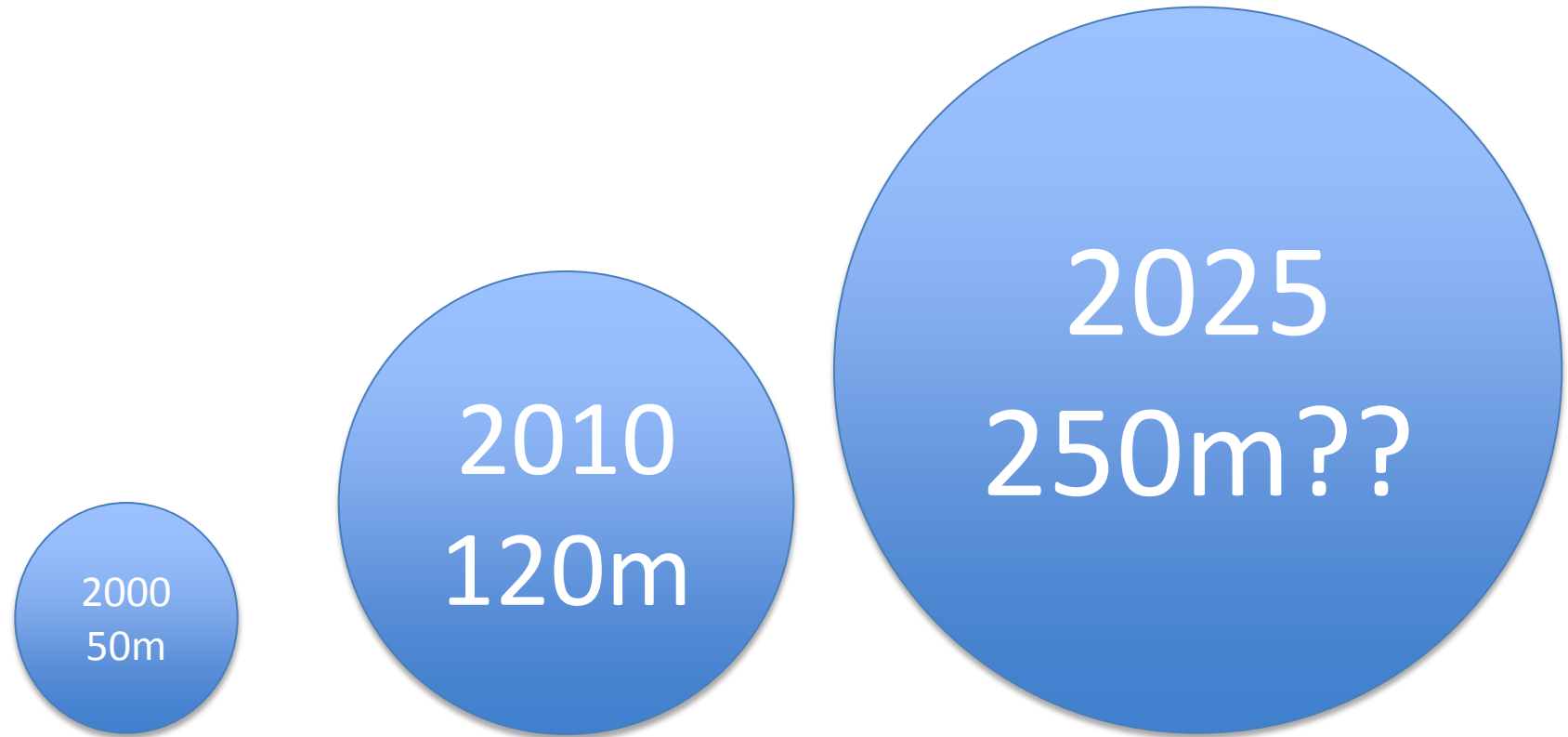
\* Borrowing growing fastest among 35-49 year olds: up **47%** in past 3 years

# competition is global...



“In the school of international studies you’re required to spend a semester abroad. That’s something that really sets you apart.”

# ...so is demand



“58 percent of grade school kids  
will be employed in careers that  
don’t exist today.”

--Cathy Davidson *Now You See It*



Cost + Access +  
Relevance = The  
Case for *Radical*  
Innovation



# From Baumol's Disease.





The experts look ahead

**to Moore's law?**

# **Cramming more components onto integrated circuits**

**With unit cost falling as the number of components per circuit rises, by 1975 economics may dictate squeezing as many as 65,000 components on a single silicon chip**

**By Gordon E. Moore**

**Director, Research and Development Laboratories, Fairchild Semiconductor  
division of Fairchild Camera and Instrument Corp.**

The background is a painting of a bright, minimalist interior. A large, white, rectangular doorway is open, revealing a deep blue sea under a clear sky. The interior walls are white, and a strong light source from the right casts a sharp, diagonal shadow across the wall and floor. To the left, a small, framed picture hangs on the wall, and a dark wooden bench is partially visible. The floor is a light, warm tone. The text "The Future is Open" is centered over the image in a large, black, sans-serif font.

The Future is  
Open

Content(what we learn)+

Socialization(how we  
learn)+

Accreditation (why we  
learn)

OPEN Content (what we  
learn) +

OPEN Socialization (how  
we learn) +

OPEN Accreditation (why  
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- ☒ All



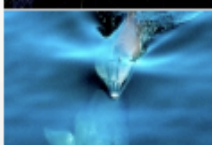
Hillel Cooperman: Legos for grownups



Carter Emmart demos a 3D atlas of the universe

Ananda Shankar Jayant fights cancer

Cameron Herold: Let's raise kids to be



Peter Tyack: The



Margaret Gould



“Our professor uses YouTube to show how music therapists interact with different populations.”



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“We have apps on our smartphones to look up the drugs and side effects.”

Overview of the Khan Academy Library

Algebra (I, II)

Pre-algebra

Algebra I

ck12.org

K-ideos

CA Standards

Alg 1

Alg 2

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Precalculus

Trigonometry

Calculus (I, II, III)

Linear Algebra

YouTube

0:00 / 9:00



It's not \*just\* about the iStuff



“If this info is out there for free why am I going to school and paying \$50K a year ? I want that support network.”



A close-up photograph of a dandelion seed head against a clear blue sky. The seed head is in the process of dispersing, with many white, feathery seeds floating away from the central green and brown core. The text 'OpenSocialization' is overlaid in a large, black, sans-serif font across the middle of the image.

# OpenSocialization



We help each other learn

“Alex started us sharing notes on Dropbox.”

“We have a Facebook thread with 200 people answering questions”



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by [pizzatherapy](#) | 3 years ago | 406,873 views



### Pizza recipe - How to make stuffed crust pizza

www.howdini.com If "more" is your family's answer to the question, "how much cheese do you want on your pizza," they will love this stuffed crust ...

by [HowdiniGuru](#) | 1 year ago | 121,239 views

## Formalizing peer learning

**P2PU**  
**School of Webcraft**

**FALL**  
semester

“Sharing ideas is really enjoyable—it’s just as important as learning from the professors.”

The **Edupunks'**  
**Guide**

To a DIY Credential

By Amy Kohn

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As adult learners follow  
personal learning paths...





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[ACEC Warrenton State Project for Veterans at National Conference](#)

[SUNY Empire State College Graduate Students Participate in Research Expo at Legislative Office Building](#)

[SUNY Empire State College Metro Gallery Features "Manifestaciones: Expressions of Dominicanidad in Nueva York," by Dominican York Proyecto GRAFICA](#)

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Colleges

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# assessment...



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offline,  communities of practice

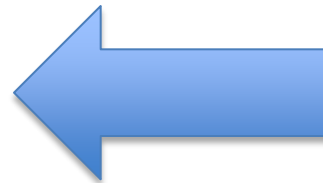
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badges, portfolios

# Pressures-*Responses*

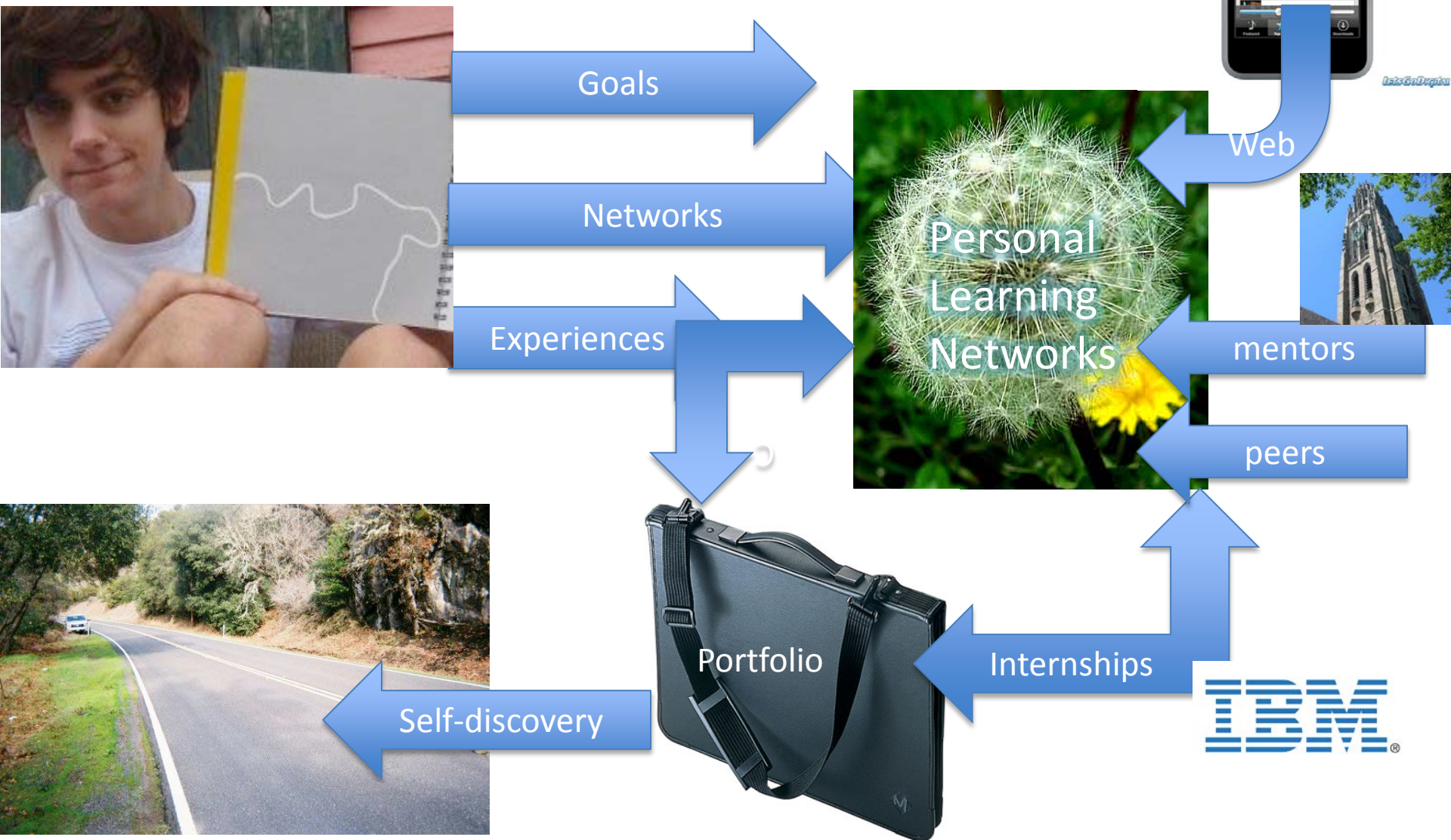
- Access/Demand-*Networks & Scalability*
- Cost-*Digital efficiencies & specialization/unbundling*
- Quality-*21<sup>st</sup> century skills & practices*



# The Old Way



# The New Ways



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