

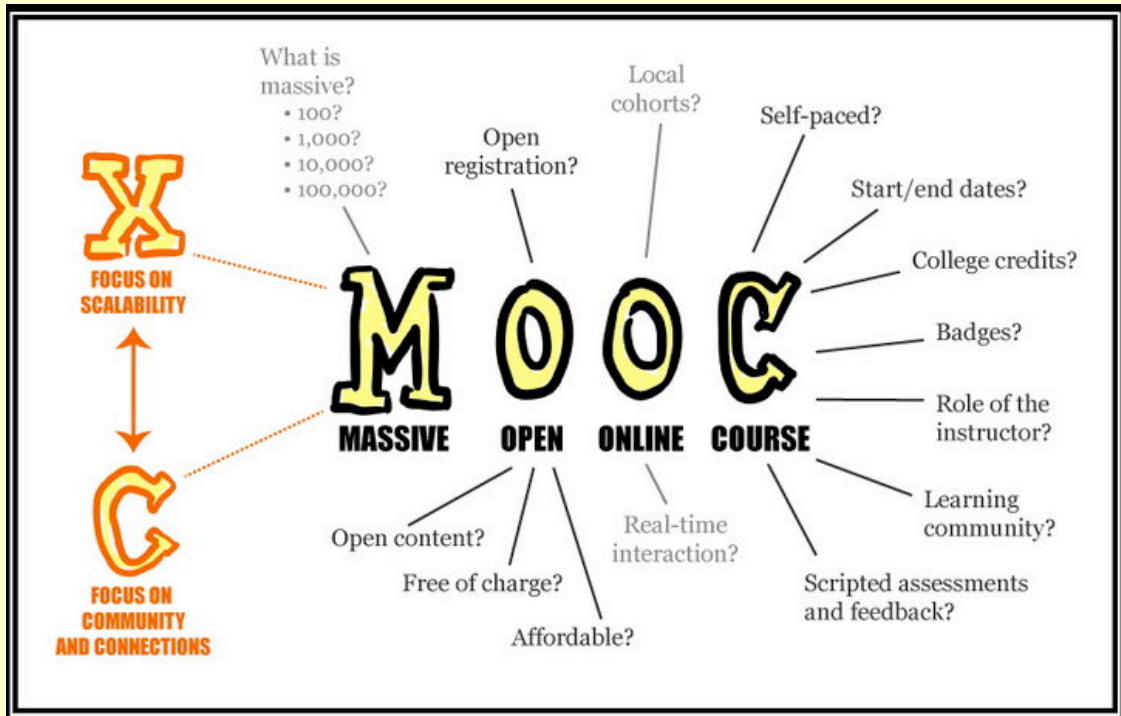


Higher Education doesn't do Revolutions!

Sir John Daniel & Stamenka Uvalić-Trumbić

# Generation jobless

**The global rise of youth unemployment**







Mai 1968, Université de Paris





Paris, May 1968



# From Paris to Belgrade

## June 1968: students' demonstration

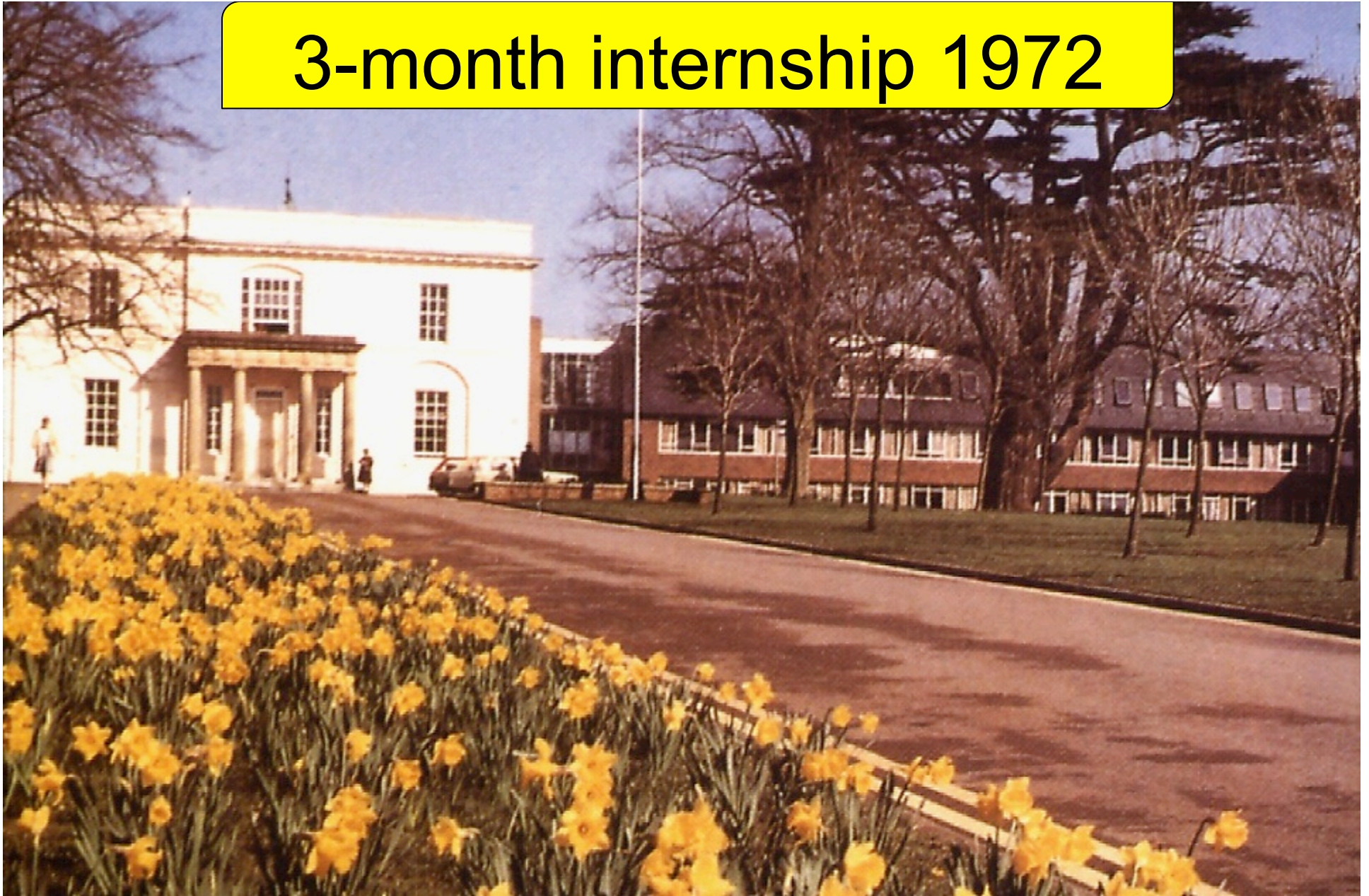


## University of Belgrade





3-month internship 1972



The Open University – United Kingdom





Turbulent times in Higher Education

**The  
Economist**

APRIL 27th–MAY 3rd 2013

[economist.com](http://economist.com)

Britain's shaky economy

Time to scrap affirmative action

Bjorn Kjos, the Viking Stelios

Iran's fake messiahs

Criminal bumblebees

# Generation jobless

**The global rise of  
youth unemployment**



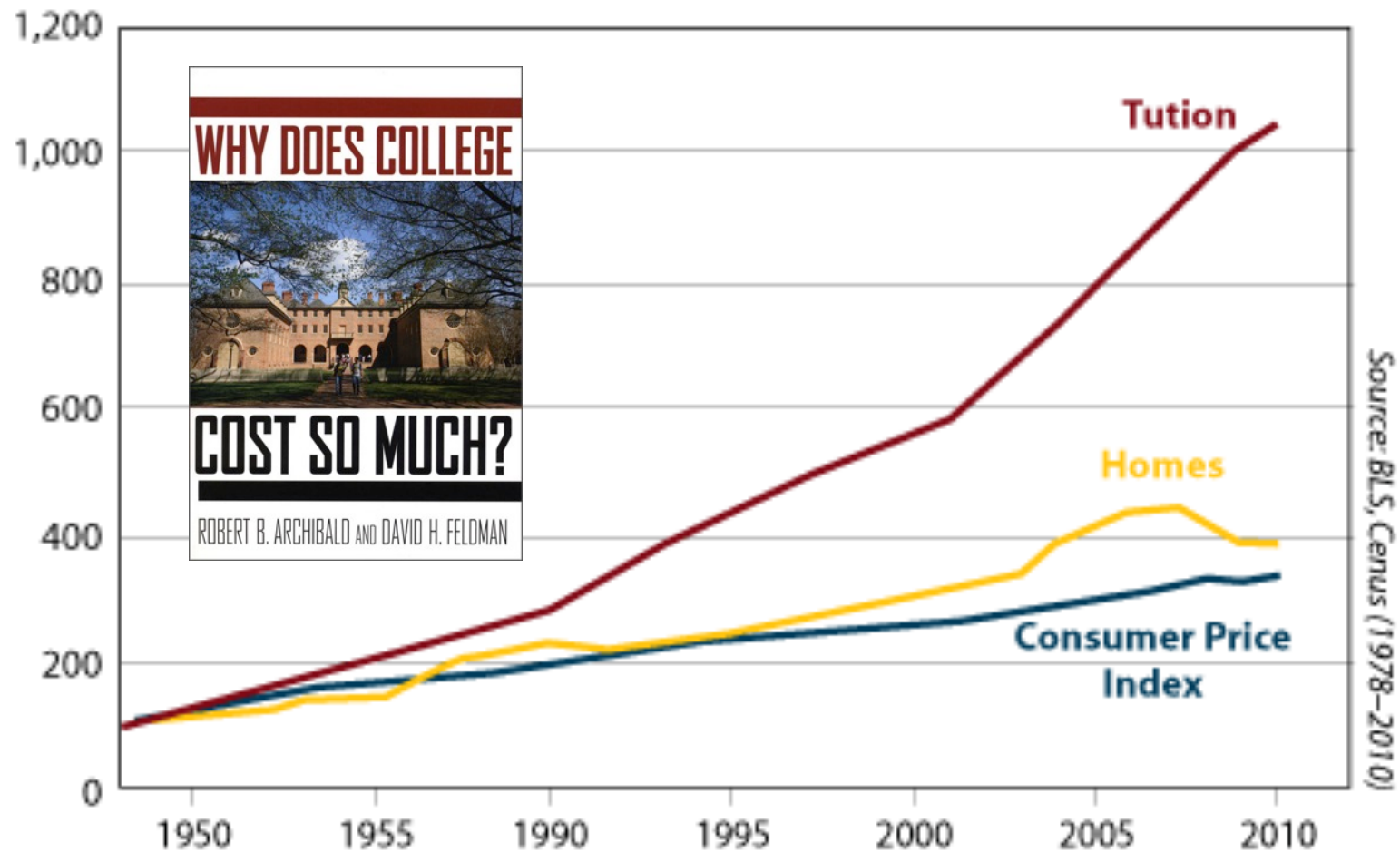




The MOOCs flock

# The Other Learning Curve

*College tuition CPI vs. U.S. Home Prices vs. CPI.*



**Tuition fees inflation**



Research shows that a key determinant of the quality and impact of educational institutions is the quality of their leadership



Clark Kerr

President

University of  
California

1958-67





**“Universities are a series of individual faculty entrepreneurs united by a common grievance over parking.”**



“the three major administrative challenges on a campus are sex for the students, athletics for the alumni, and parking for the faculty”





**“I left the University just as I  
had entered it, fired with  
enthusiasm”**

'Taking, as a starting point, 1530, when the Lutheran Church was founded, some 66 institutions that existed then still exist today in the Western world in recognisable forms: the Catholic Church, the Lutheran Church, the parliaments of Iceland and the Isle of Man, and 62 universities... They have experienced wars, revolutions, depressions, and industrial transformations, and have come out less changed than almost any other segment of their societies.'

*Carnegie Commission*





ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA



# The Bologna Process

‘a fast-fix for turning higher education in Europe into the most dynamic and attractive in the world’

*Gilder & Wells, 2009*

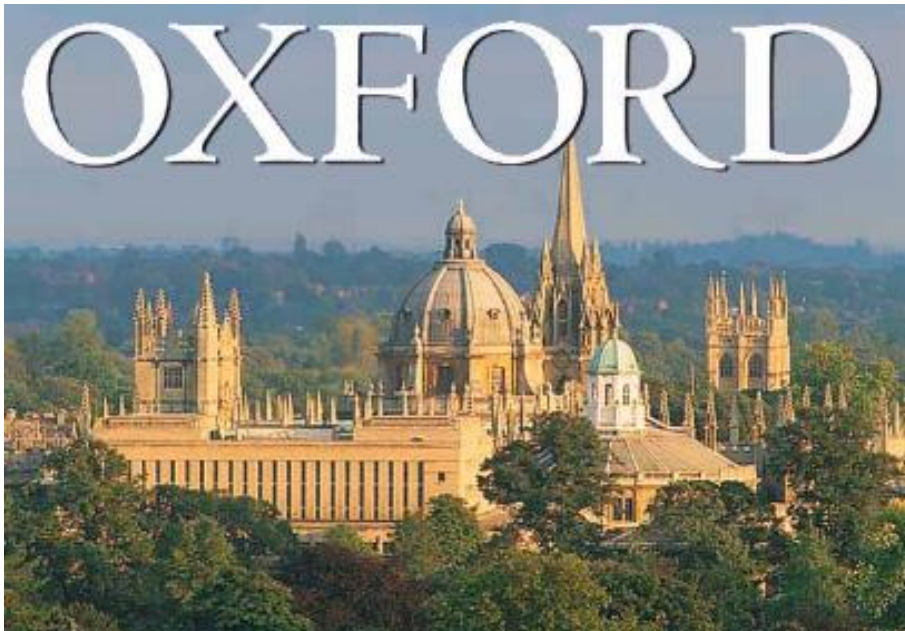


# Bologna Ministerial Anniversary Conference Budapest/Vienna 2010





# OXFORD



# PARIS



and 62 universities...









St. Edmund Hall, Oxford





Edmund Rich





‘Learn as though you were going to live forever  
and live as if you were going to die tomorrow’





Dons at Oxford



Wilhelm  
von Humboldt

1767-1835



*“The university teacher is thus no longer a teacher and the student is no longer a pupil. Instead the student conducts research on his own behalf and the professor supervises his research and supports him in it.”*

The Humboldtian University



St. Edmund Hall, Oxford

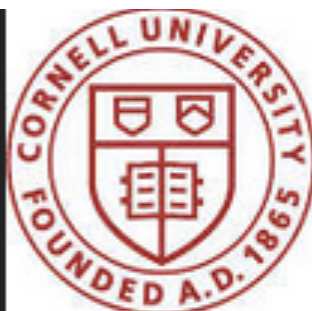
# The Morrell Act of 1862

“to focus on the teaching of practical agriculture, science, military science and engineering, though without excluding classical studies”





**Michigan State University**  
East Lansing



**Cornell University**



**Iowa State University**  
Ames



**University of Florida**  
Gainesville



**Ohio State University**  
Columbus



**University of Illinois at Urban...**  
Champaign, Urbana



**Pennsylvania State University**  
University Park, St...

**K-STATE**



**Kansas State University**  
Manhattan



**University of Minnesota**  
Minneapolis



**North Carolina Agricultural and...**  
Greensboro

**TUSK**  
UNIVE

**Tuskegee University**  
Tuskegee Institute ...



**Alabama Agricultural and...**



**University of Nebraska-Lincoln**  
Lincoln

Virginia  
Tech  
1872

**Virginia Polytechnic Inst...**  
Blacksburg



**Auburn University**  
Auburn, Auburn U...



**Colorado State University**  
Fort Collins



**University of Wisconsin-Madi...**  
Madison



**Purdue University**  
West Lafayette



**The Open University**



Lord Geoffrey Crowther  
Inauguration of the Open University  
1969



“The world is caught in a communications revolution, the effects of which will go beyond those of the industrial revolution of two centuries ago.

Then the great advance was the invention of machines to multiply the potency of men's muscles.

Now the great new advance is the invention of machines to multiply the potency of men's minds. As the steam engine was to the first revolution, so the computer is to the second.”

*Lord Geoffrey Crowther, 1969*



**The Open University**

Open as to:

- People
- Places
- Methods
- Ideas





- **250,000+ students**

# BRITAIN' S TOP NINE UNIVERSITIES

## Quality Rankings of Teaching

based on all subject assessments 1995-2004  
(*Sunday Times University Guide 2004*)

1	CAMBRIDGE	96%
2	LOUGHBOROUGH	95%
3=	LONDON SCHOOL OF ECONOMICS	88%
3=	YORK	88%
5	<b><u>THE OPEN UNIVERSITY</u></b>	<b>87%</b>
6	OXFORD	86%
7	IMPERIAL COLLEGE	82%
8	UNIVERSITY COLLEGE LONDON	77%
9	ESSEX	77%

**...and OU top for student satisfaction**



A stylized white graphic of a staircase with three steps, positioned to the left of the text.

**Future  
Learn**

# The World Conference on Higher Education Paris - July 2009



***The New Dynamics of  
Higher Education and Research for  
Societal Change and Development.***



**Stamenka  
Uvalić-Trumbić**  
Executive  
Secretary



# WCHE New Dynamics

- Rising demand (massification)
- Diversification (providers & methods)
- Private provision
- Information technology & Distance education,
- Cross-border education
- Quality assurance
- Teacher education
- Academic profession

# High demand for Higher Education



# WCHE New Dynamics

- **Rising demand (massification)**
- **Diversification (providers & methods)**
- **Private provision**
- **Information technology & Distance education**
- Cross-border education
- Quality assurance
- Teacher education
- Academic profession



# **New Dynamics: Diversification of providers**

‘World-class’ universities

Competency-based

Private

Online

Cross-border



**The  
Economist**

APRIL 27th–MAY 3rd 2013

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# Generation jobless

**The global rise of  
youth unemployment**





## Idle hands

1

Youth unemployment and inactivity\*

By region†, 2012 or latest, m



Sources: OECD; World Bank; *The Economist*

\*15-24 year olds not in education

†Regions exclude OECD countries

‡Not in education or training

Policymakers know what to do  
to diminish the problem –  
ignite growth, break down  
cartels and build bridges  
between education and work.  
New technology gives them  
powerful tools too.

*The Economist, April 2013*

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**between education** and work.  
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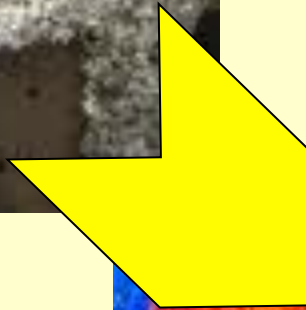
*The Economist, April 2013*



# Training?



old wine



new bottles



mozilla

# OPEN BADGES

ABOUT

ISSUER

EARNER

DISPLAYER

## *what are* **OPEN BADGES?**

*Learning today happens everywhere. But it's often difficult to get recognition for skills and achievements that happen online or out of school. Mozilla Open Badges helps solve that problem, making it easy for any organization to issue, manage and display digital badges across the web.*





**DE TAO  
GROUP**



mozilla

**OpenBadges**

# POST-TRADITIONAL HIGHER EDUCATION



## **OPEN EDUCATIONAL RESOURCES (OER)**

**educational  
materials that may  
be freely accessed,  
reused, modified and  
shared**



Online version of  
this document:



# PROGRAMME



United Nations  
Educational, Scientific and  
Cultural Organization



**2012 World  
Open Educational Resources  
Congress** Paris  
20-22 June  
UNESCO Headquarters  
Paris, France

# Paris Declaration on OER

**10. Encourage open licensing of educational material produced with public funds.**



BRITISH  
COLUMBIA

## NEWSROOM

*BC Government Online News Source*

### SECTORS

*View BC News Stories by  
Sector*

### REGIONS

*View BC News Stories by  
Region*

### MINISTRIES

*View BC News Stories by  
Ministry*

**ADVANCED EDUCATION,  
INNOVATION AND  
TECHNOLOGY**

**B.C. to lead Canada in offering students free,  
open textbooks**

**VANCOUVER** - British Columbia is set to become the first province in Canada to offer students free online, open textbooks for the 40 most popular post-secondary courses



**OER**

**MOOCs**



# What is a MOOC?

**M**assive **O**pen **O**nline **C**ourse

**MIT****OPEN****COURSEWARE**  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

**WE'RE**

**OPEN**





# MOOCs began in Canada

University of  
Manitoba



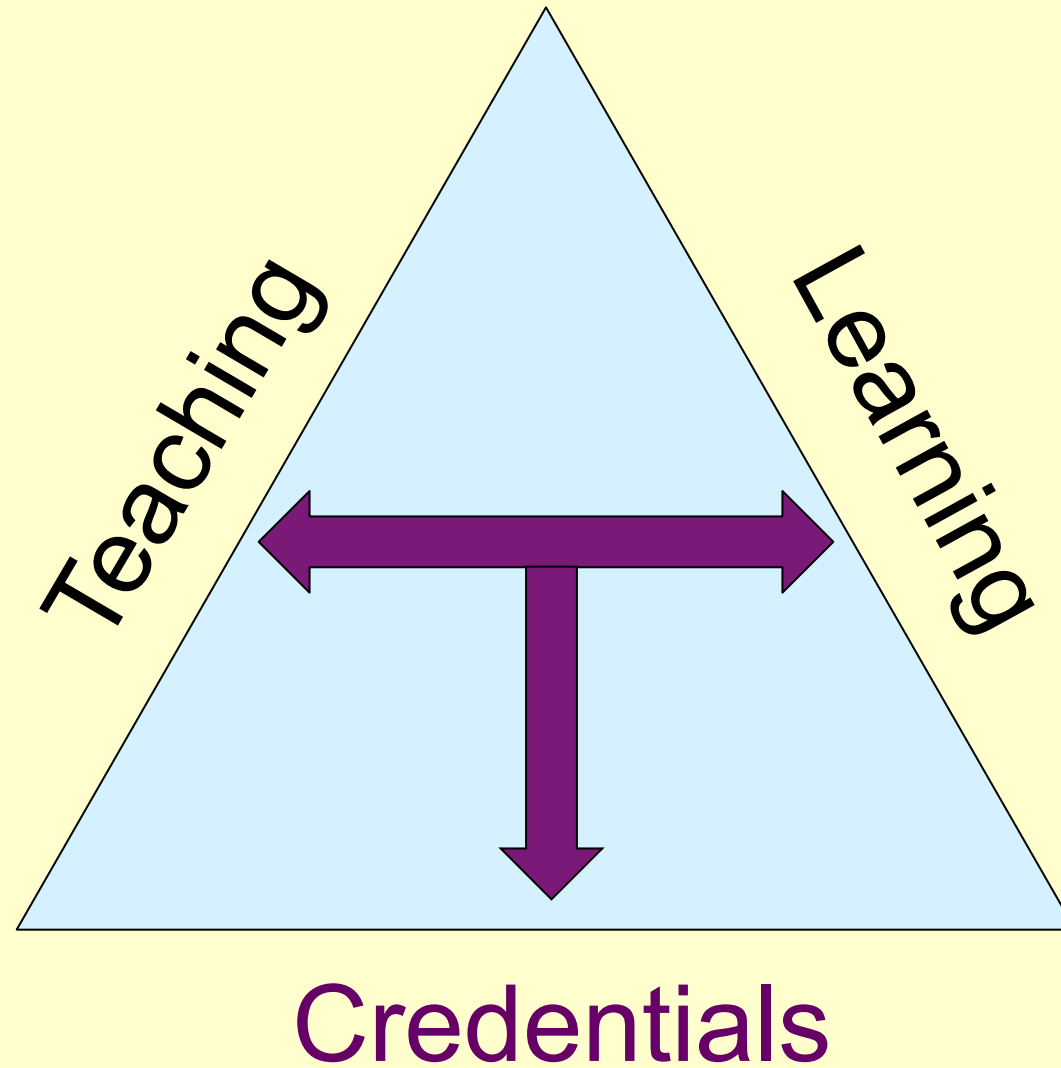
*Connectivism &  
Connective Knowledge*

25 students on  
campus  
2,300 public - free



Course x6002  
*Circuits and Electronics*

155,000 registrations  
23,000 tried first test  
9,000 passed mid-term  
7157 passed =  $< 5\%$



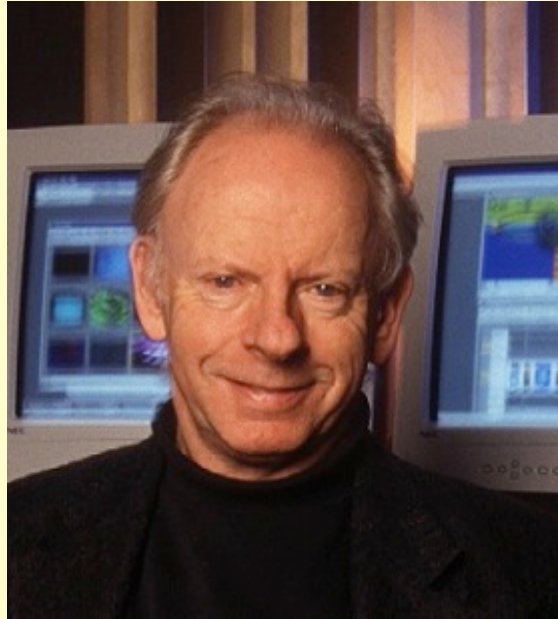
What is higher education?





The herd instinct to Mooc!



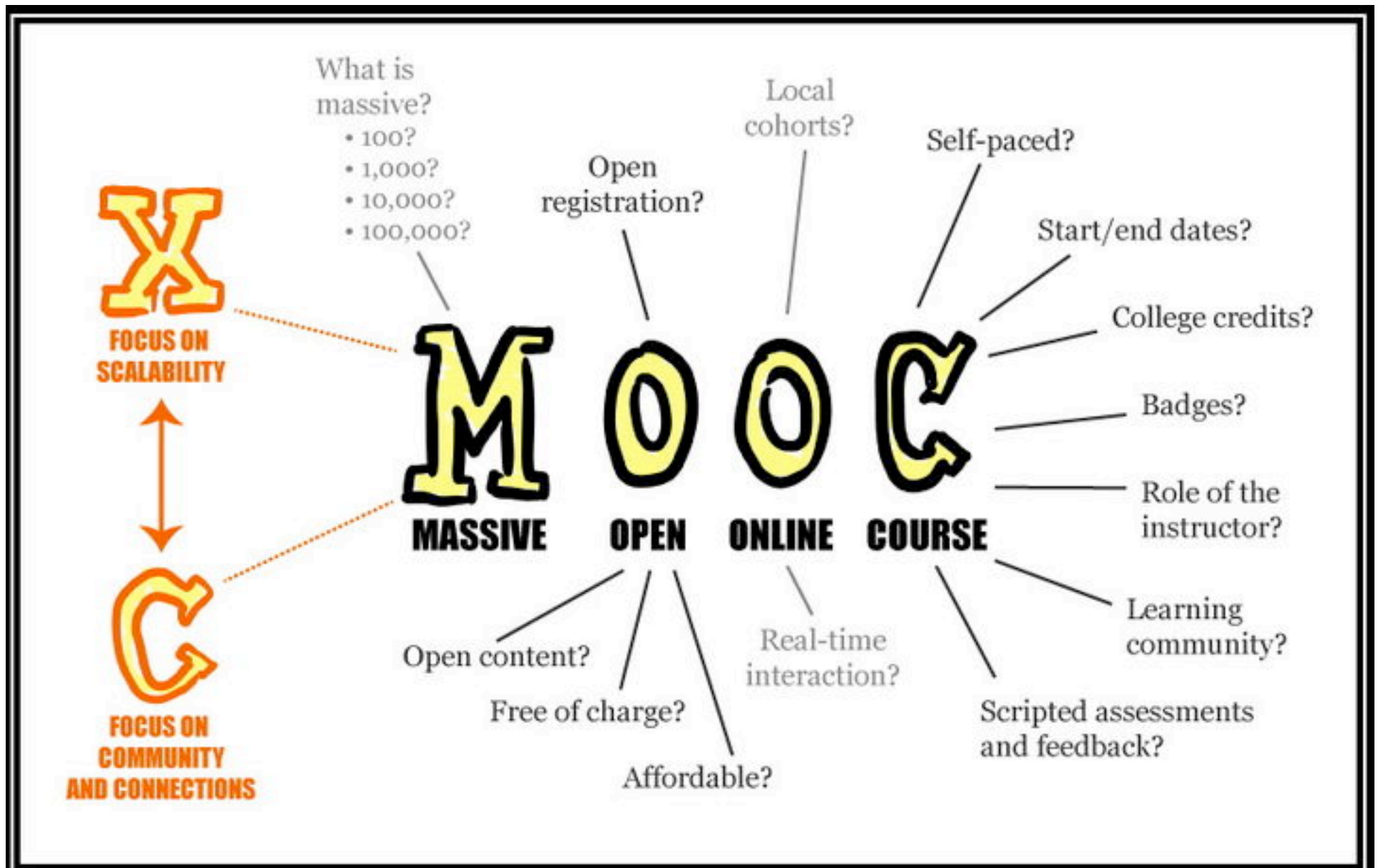


# Tony Bates

,

‘A shake-out in MOOCs in 2014  
as the evaluation results start to  
come in’





M O O C – Every letter is negotiable!

**The  
Economist**

APRIL 27th–MAY 3rd 2013

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# Generation jobless

**The global rise of  
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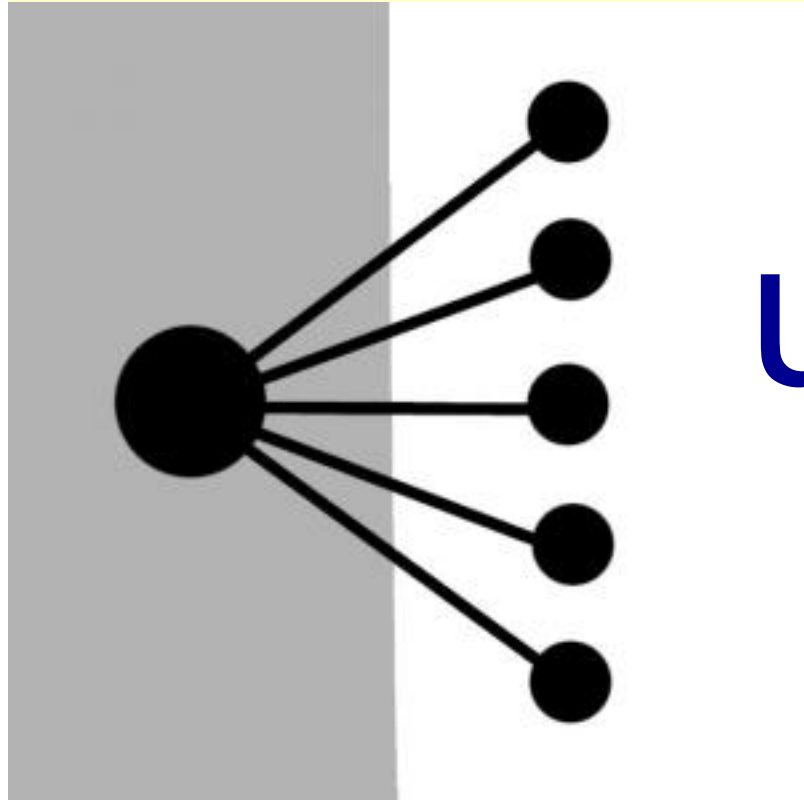
Many learners in the first MOOCs already had degrees.



# MOOCs

Needed:

- Employment-related topics
- Credible recognition



the  
unbundling  
of higher  
education

# MOOCs

Accelerating three trends:

- The move to online learning





**If Harvard  
is going online  
it must be OK!**



Online teaching and learning is now part of the future of universities

# MOOCs

Accelerating three trends:

- Shorter courses





new wine

new bottles







# **Turbulent and Testing Times for Higher Education**



Welcome to CHET

**Needed:**  
More research on Higher Education

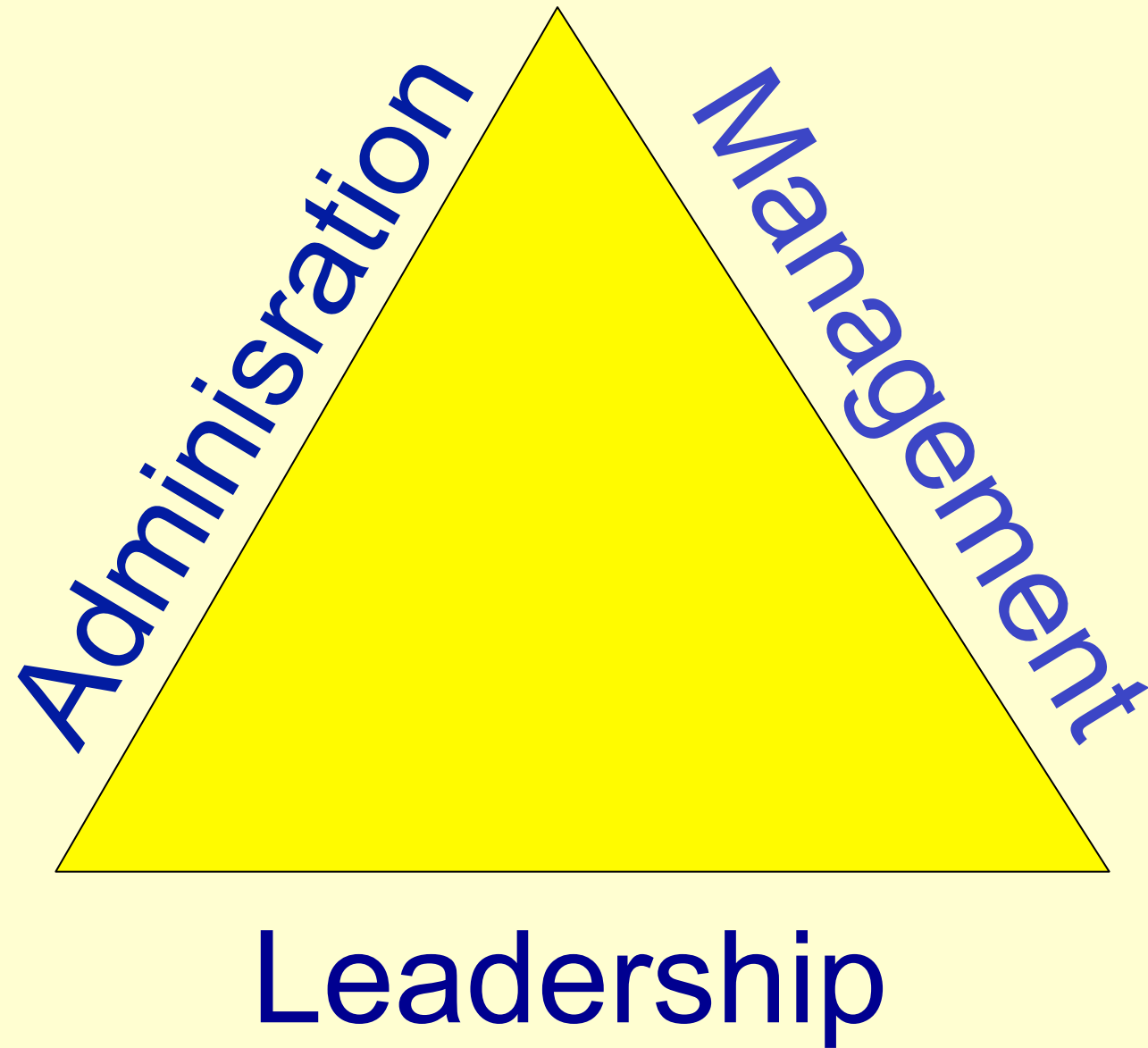


“both institutions and systems, faced with a myriad of challenges and crises, require thoughtful leadership and data-based analysis. We can no longer rely on amateur management and ad hoc solutions to unprecedented problems.”

## The Shanghai Statement

Research shows that a key determinant of the quality and impact of educational institutions is the quality of their leaders







Bad news and good news

# STRATEGY

Ownership

HIGH

LOW

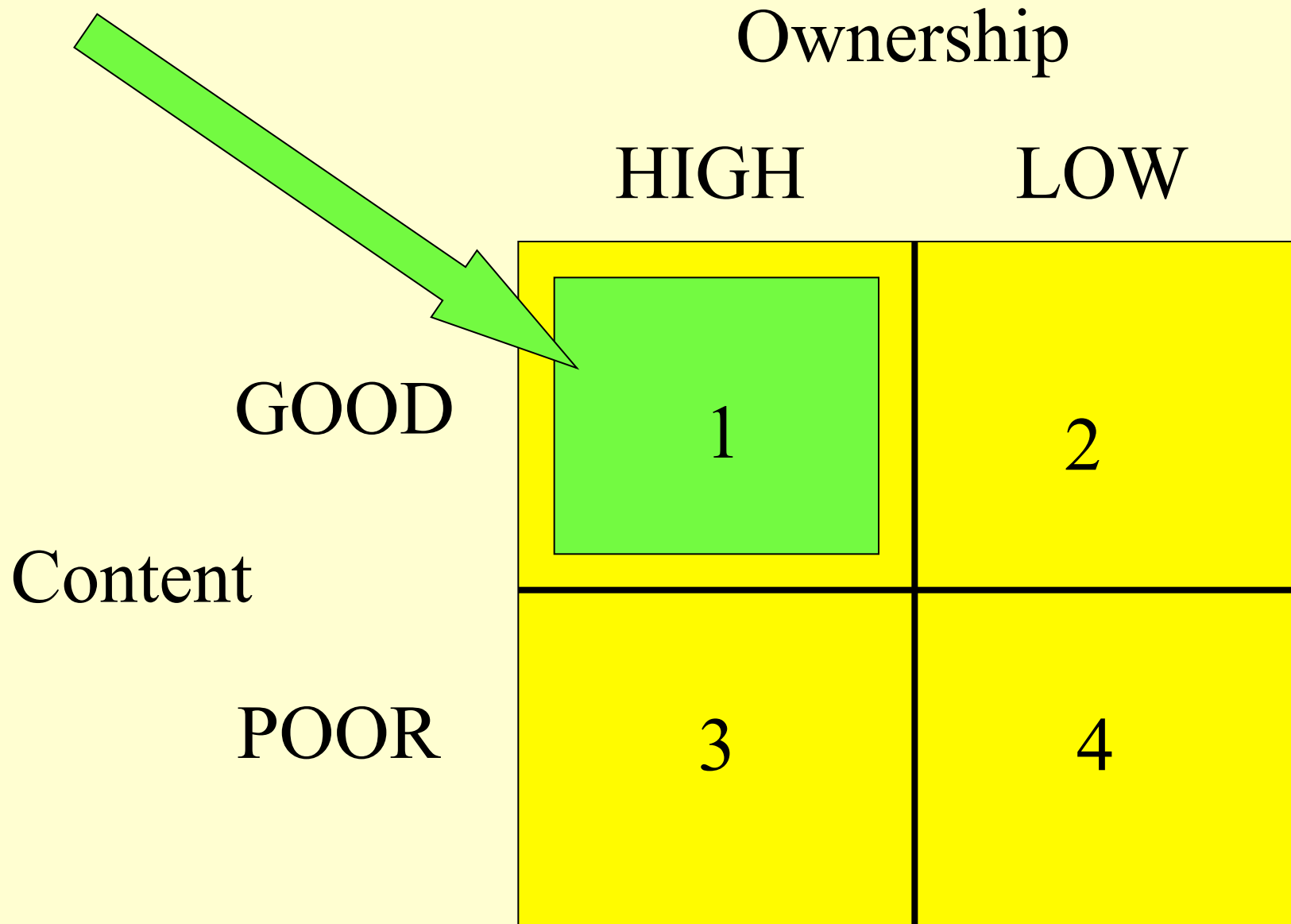
GOOD

Content

POOR

1	2
3	4

# STRATEGY

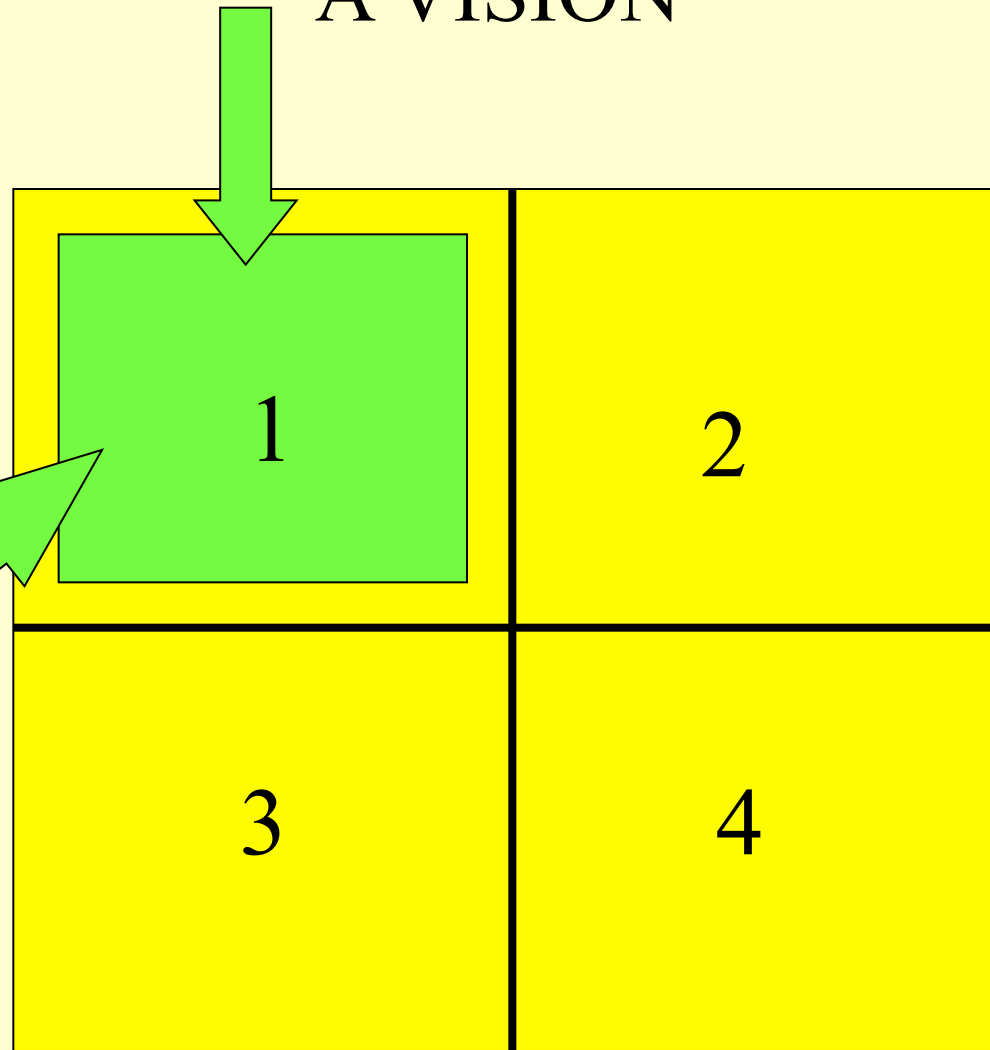




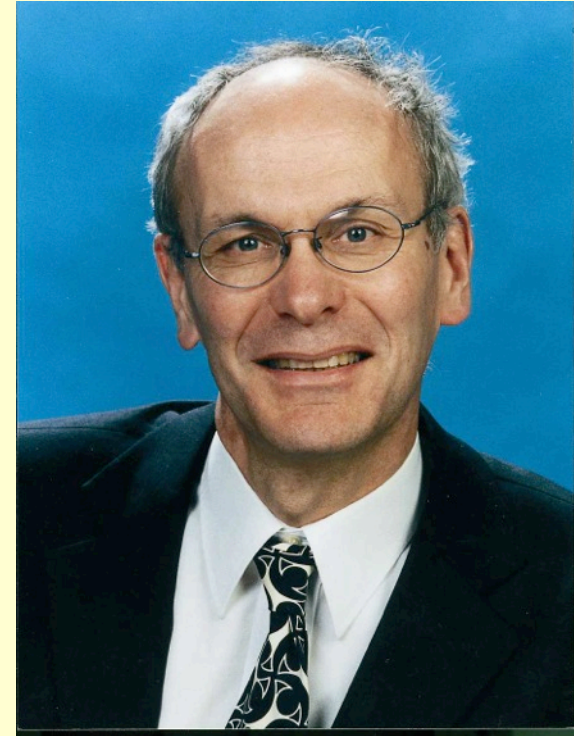
# STRATEGY

**Top down**  
A VISION

PARTICIPATION  
**Bottom-up**



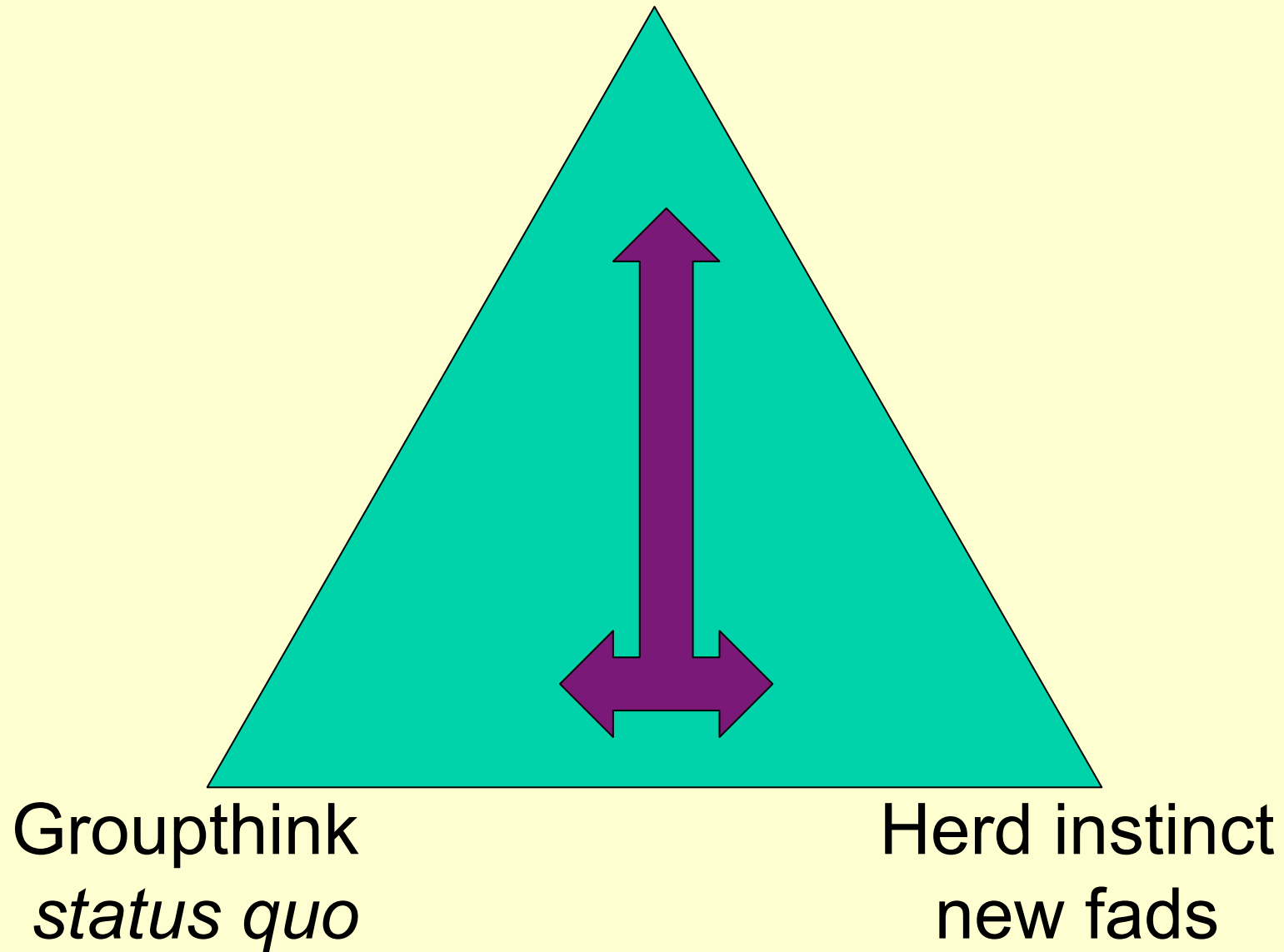
# Professor Geoff PETERS



- 100,000 >>>> 200,000 students
- Financial strength

# CULTURE OF QUALITY

# Collaborative leadership







Higher  
Education  
doesn't do  
Revolutions!



**Thank you**

[suvalictrumbic@gmail.com](mailto:suvalictrumbic@gmail.com)

[odlsirjohn@gmail.com](mailto:odlsirjohn@gmail.com)

Text and slides at: [www.sirjohn.ca](http://www.sirjohn.ca)