



The Global Economic Crisis and its consequences for national education systems: Can online education help to overcome the crisis?

Main themes

Reforming national higher educational agenda

Pedagogical Innovation in course design and delivery

Higher Education in a time of economic crisis

Social Implications of Distance Learning



OERs and MOOCs in a Time of Economic Crisis

**Stamenka Uvalić-Trumbić
&
Sir John Daniel**

**The
Economist**

APRIL 27th–MAY 3rd 2013

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**



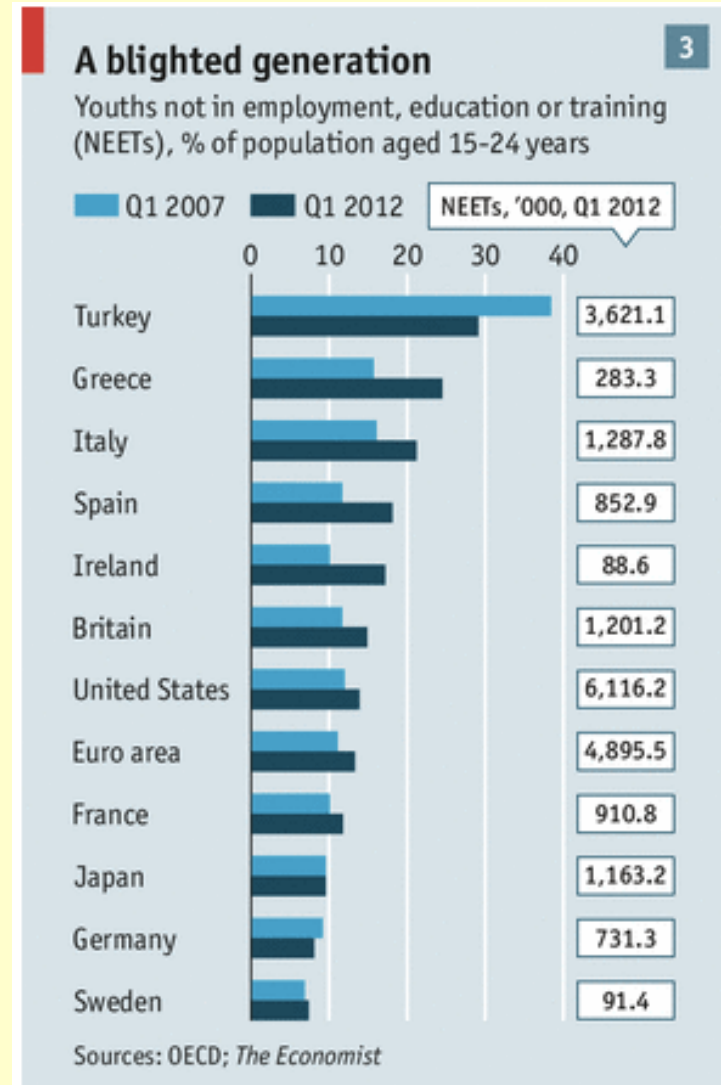
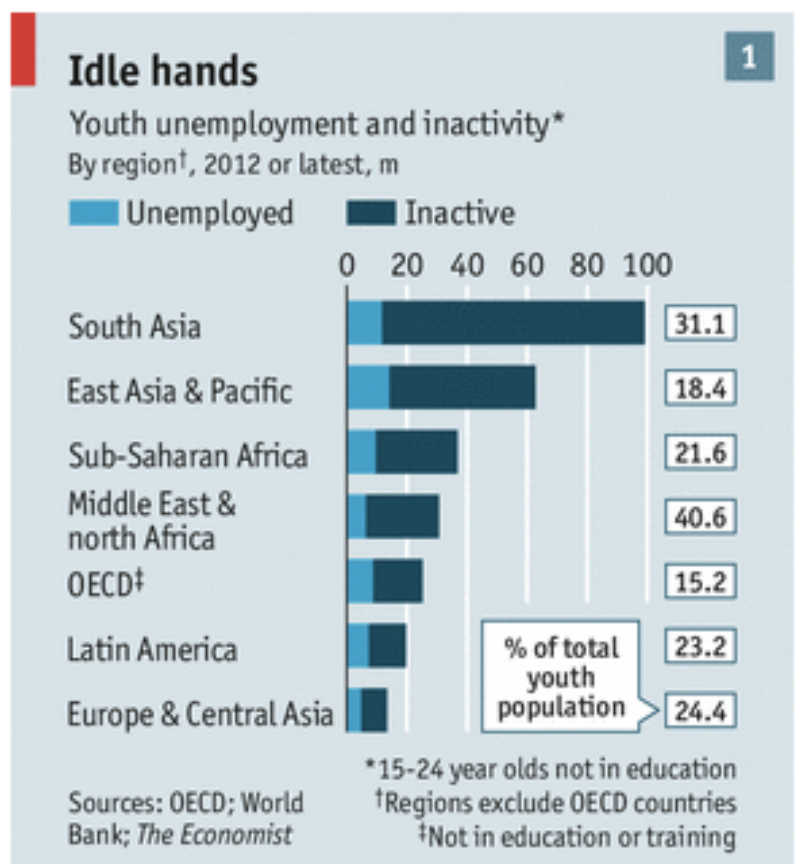
Policymakers know what to do to diminish the problem – ignite growth, break down cartels and build bridges between education and work. New technology gives them powerful tools too.

The Economist, April 2013

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The Economist, April 2013

The jobless crisis in figures



The World Conference on Higher Education Paris - July 2009: *New Dynamics of HE*



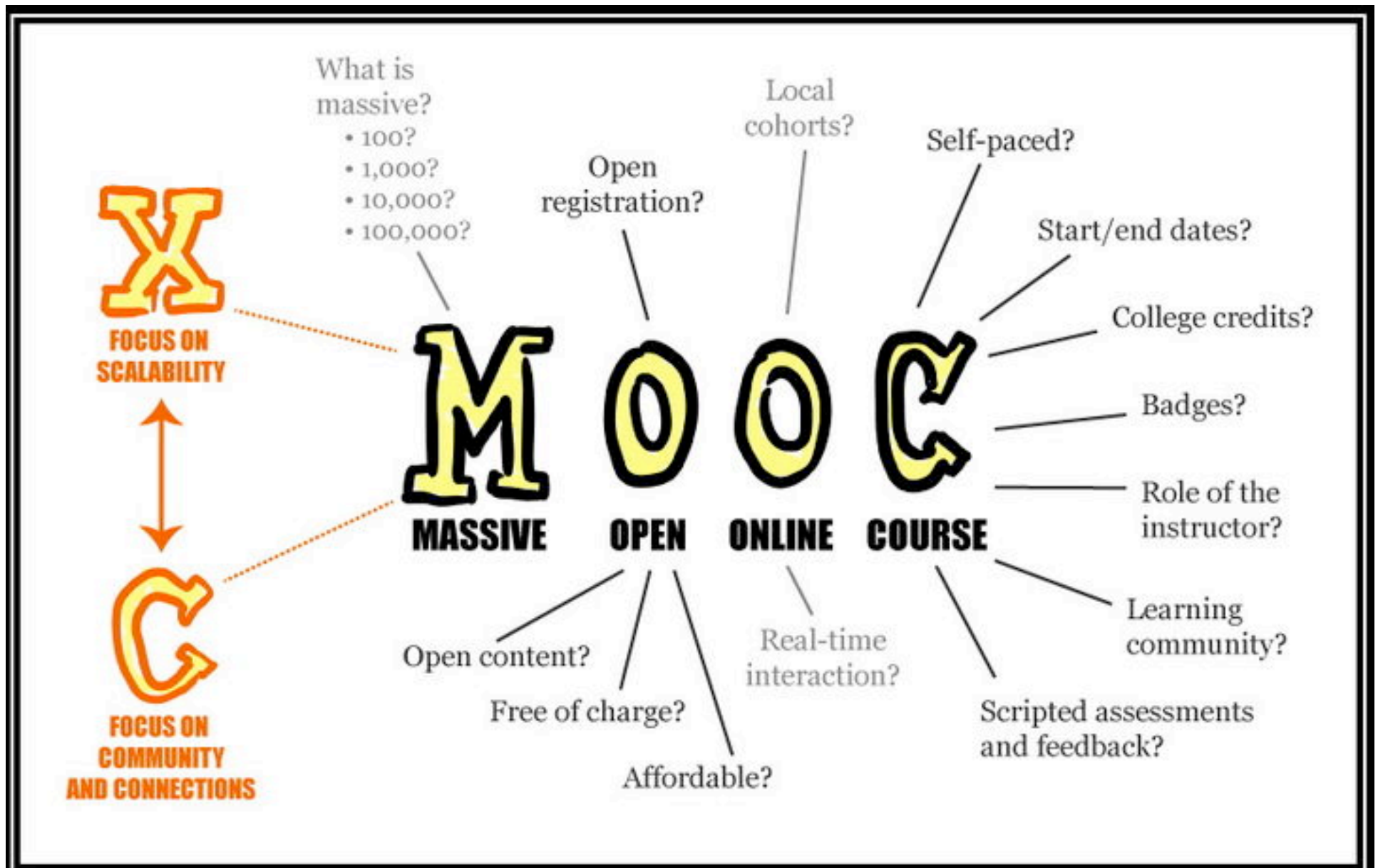


United States

A public university
system under
strain

Open Educational Resources





MOOC = Massive Open Online Course

te the membership
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Website.



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Post-traditional higher education What about quality?

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

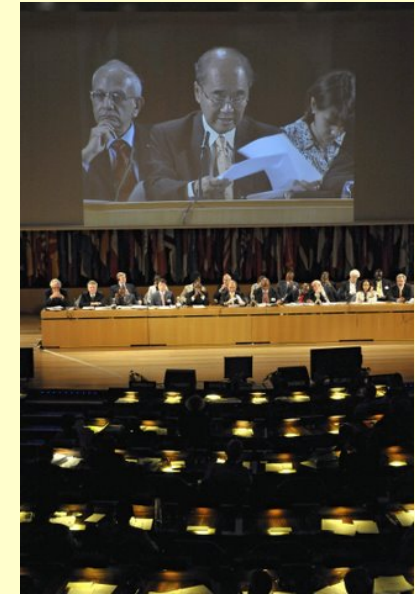
A blighted generation

Youths not in employment, education or training (NEETs), % of population aged 15-24 years



Sources: OECD; *The Economist*

The World Conference on Higher Education Paris - July 2009



High demand for Higher Education



New Dynamics: Diversification of providers

‘World-class’ universities

Competency-based

Private

Online

Cross-border

POST-TRADITIONAL HIGHER EDUCATION



McDonald's University: bridging the gap?



McDonald's University

Margaret Thatcher visits in 1989



The Death of the Degree



Allan Pall, ESU

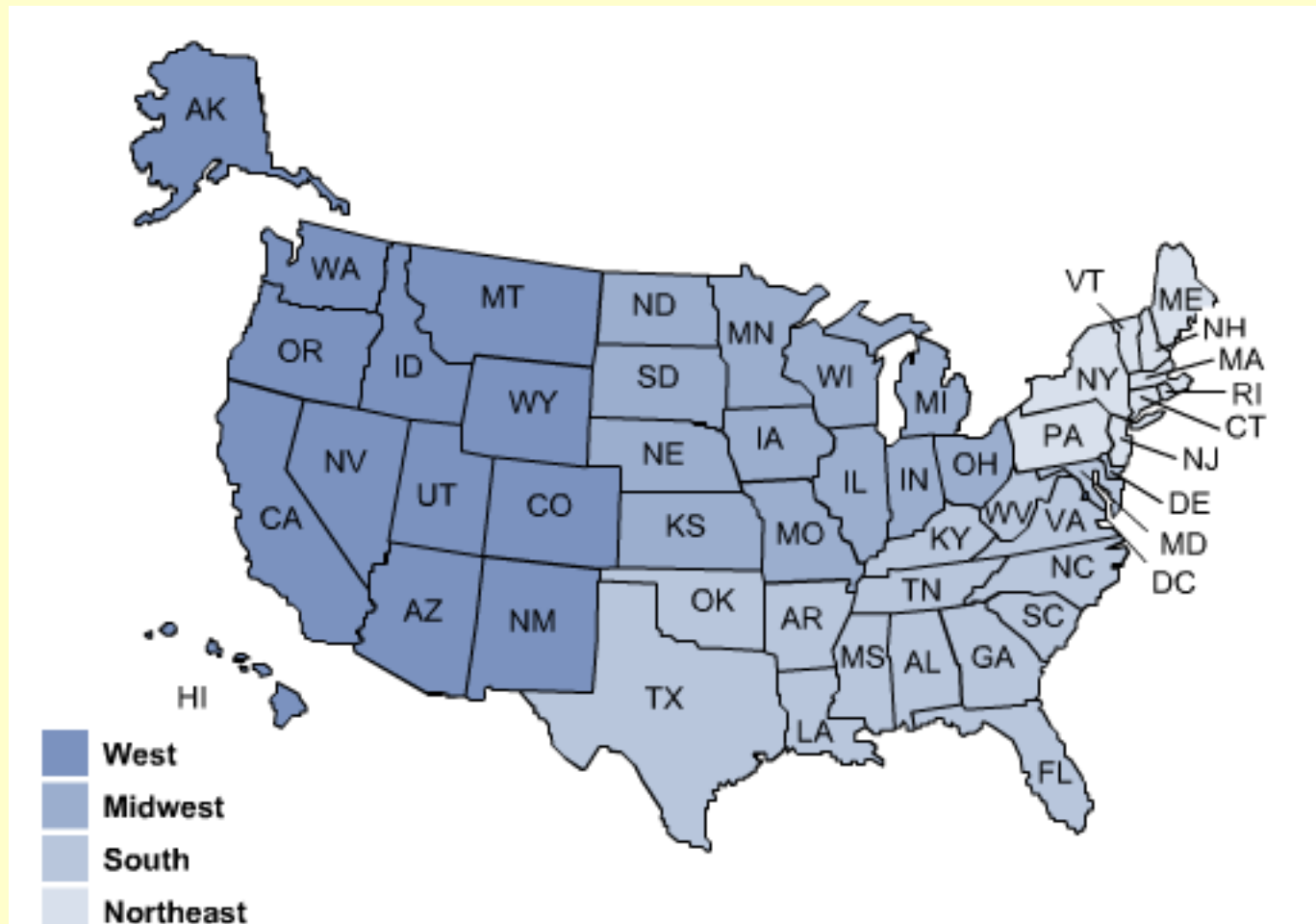


Higher Learning to be more focused on validating the learning process and its outcomes

What we really need is liberation from the degree

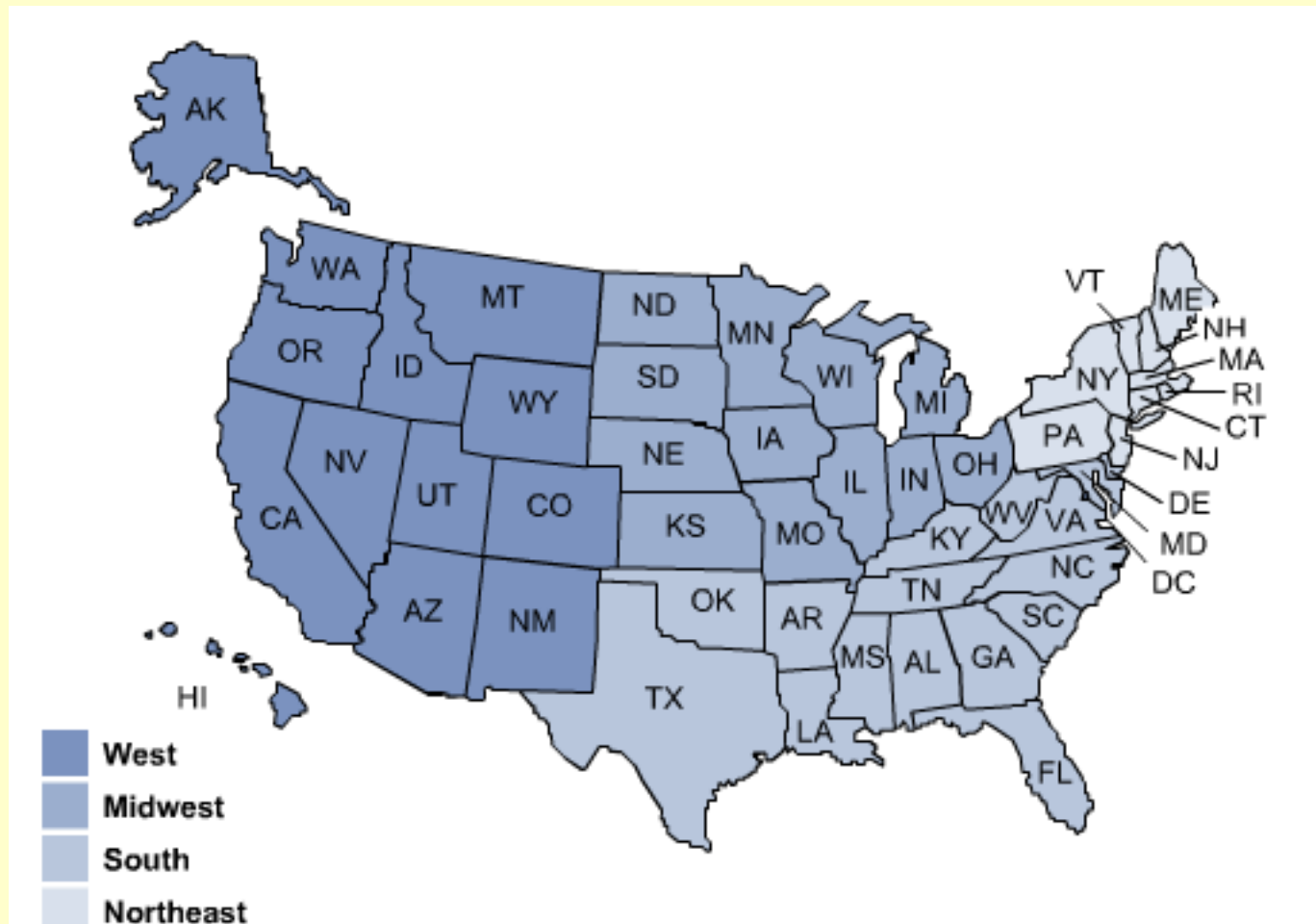
Employers need the right mix of skills and competences matched with job requirements

The example of US public universities



Higher Education in Economic Crisis

The example of US public universities



13 POINTS

Higher Education in Economic Crisis



ACADEMIC PARTNERSHIPS™

Academic Partnerships

We assist leading universities around the world in the development and marketing of their online degree programs



13 POINTS

1.

In 2012 enrolment declined
(by 2.3%) for the first time in
15 years.

(260,000 fewer students)

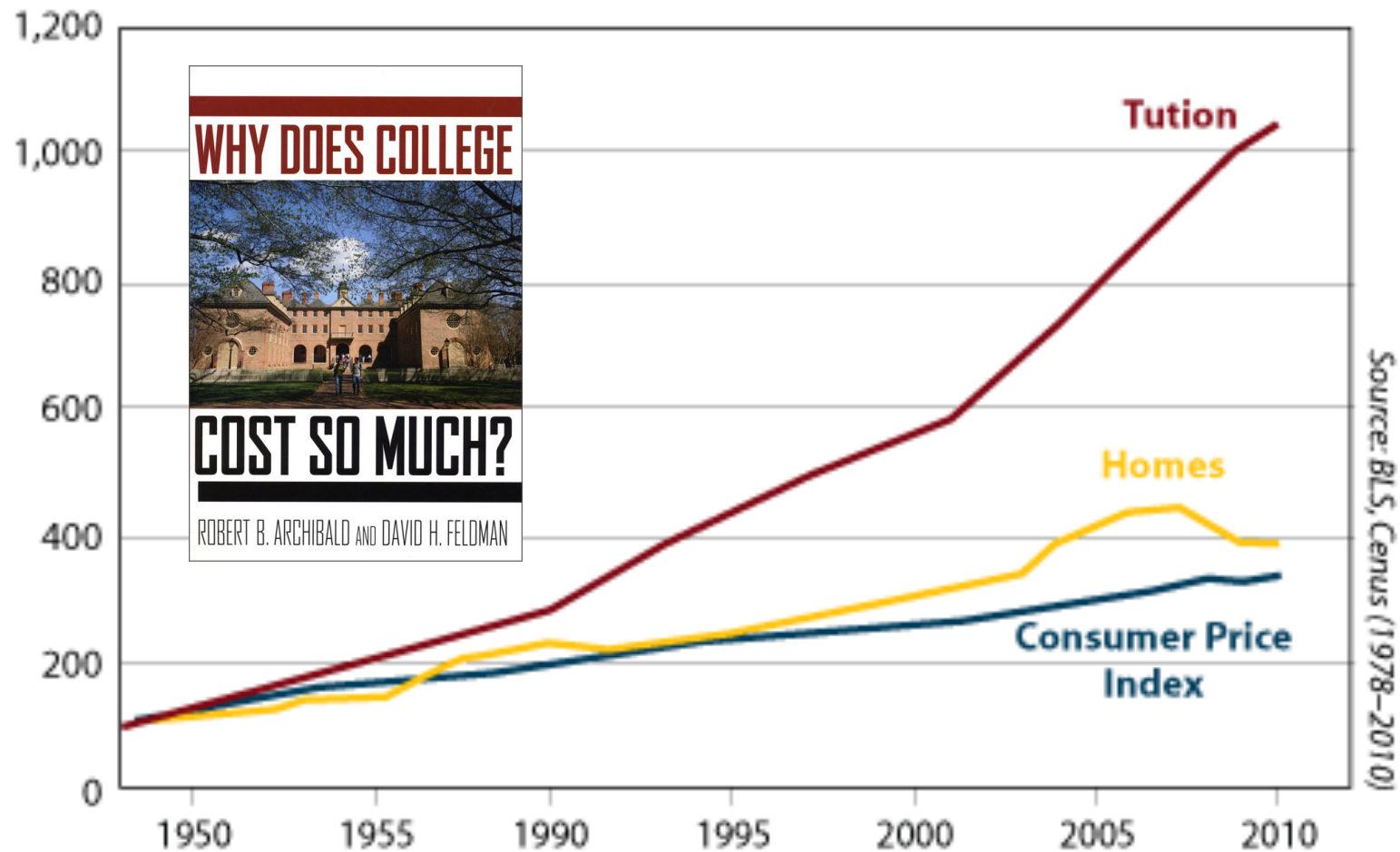
13 POINTS

2.

Tuition fees have increased by 5 times the inflation rate for 30 years.

The Other Learning Curve

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



Tuition fees inflation

13 POINTS

3.

Adjusted for inflation the average middle-class family earns \$400 less than it did in 1988

13 POINTS

4.

Tuition fees increased a record 8.3% in 2012, up 46% over the last decade.

13 POINTS

5.

State funding declined a record 9% in 2012, down 30% per student since 2000

13 POINTS

6.

Tuition fees as a share of total public university revenue rose 62% over the last decade

13 POINTS

7.

In June 2013, total tuition fees discounts exceeded the total amount paid by parents. This is a 50% reduction from posted rates.

13 POINTS

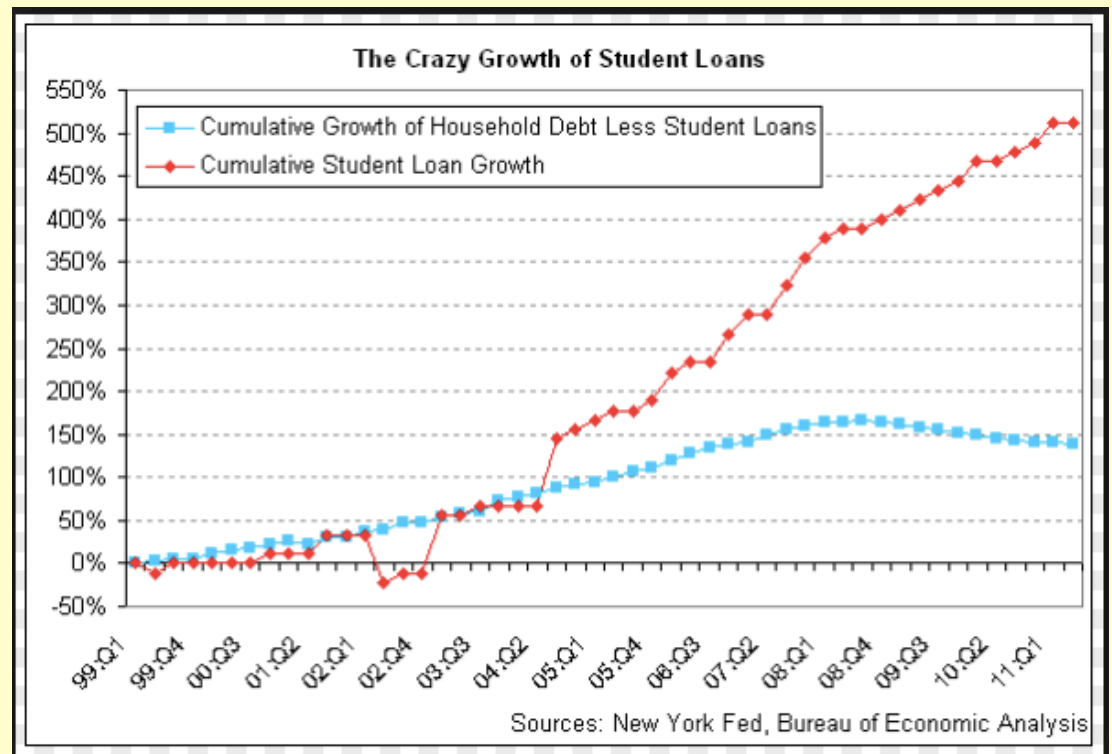
8.

Student debt has doubled since 2007



13 POINTS

9.
Student
loans have
topped one
trillion
dollars.



13 POINTS

10.

In spring 2013
default rates on
student loans
reached a high
of 17%



13 POINTS

11.

A record percentage (53.6%) of recent college graduates are unemployed.



13 POINTS

12.

Numbers of
18-34 year-old
grads. living at
home up from
13 to 21%
since 2001



13 POINTS



13.
46% of U.S.
college
students do
not graduate





Turbulent times in Higher Education

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FLEXIBILITY

- Student designed courses
- Open content

Student designed courses

- Student designed courses
- **Open content**

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

WE'RE

OPEN



UNESCO HQ Paris

2002 Forum on the Impact of Open CourseWare
for Higher Education in Developing Countries

OPEN EDUCATIONAL RESOURCES

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



Open
Educational
Resources

**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










My degree or skill, or
competence, or certificate,
or badge or qualification...

My way



A partnership of like-minded institutions committed to creating pathways for OER learners to gain academic credit through the formal education system

Founding anchor partners

-  Athabasca University
-  BAOU [↗](#) (Gujarat's open university)
-  Empire State College (SUNY)
-  Nelson Marlborough Institute of Technology [↗](#)
-  NorthTec [↗](#)  Open Polytechnic [↗](#)
-  Otago Polytechnic  Southern New Hampshire University [↗](#)
-  Thompson Rivers University [↗](#)  University of Canterbury [↗](#)
-  University of South Africa [↗](#)
-  University of Southern Queensland
-  University of Wollongong [↗](#)
-  OER Foundation (non-teaching)
-  BCcampus (non-teaching)

Anchor partners

-  [Excelsior College](#)  [Kwantlen Polytechnic University](#)
-  [Open University of Catalonia](#)
-  [Thomas Edison State College](#)
-  [Unitec Institute of Technology](#)
-  [University of Glamorgan](#)
-  [University of the South Pacific](#)  [Wintec](#)
-  [Institute of Technology Sligo](#)
-  [S.N.D.T. Women's University](#)  [Ako Aotearoa](#)

Sponsors

-  [Commonwealth of Learning](#)
-  [UNESCO, Pacific States](#)

What is a MOOC?

Massive Open Online Course

OER

MOOCs





MOOCs began in Canada

University of
Manitoba



*Connectivism &
Connective Knowledge*

25 students on
campus
2,300 public - free



MOOC



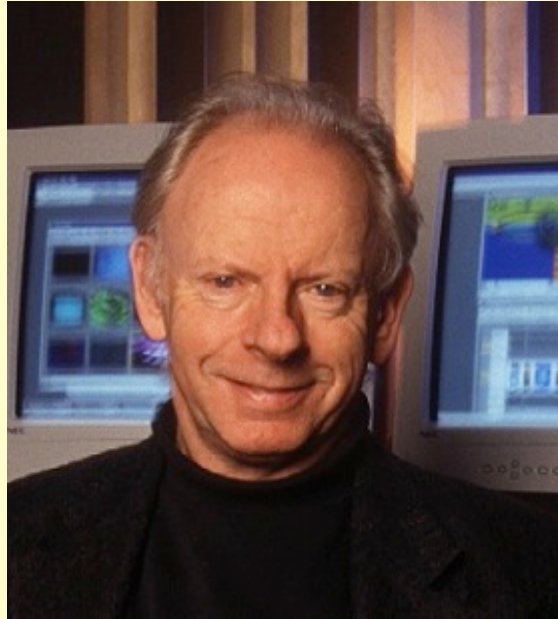
Course x6002
Circuits and Electronics

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



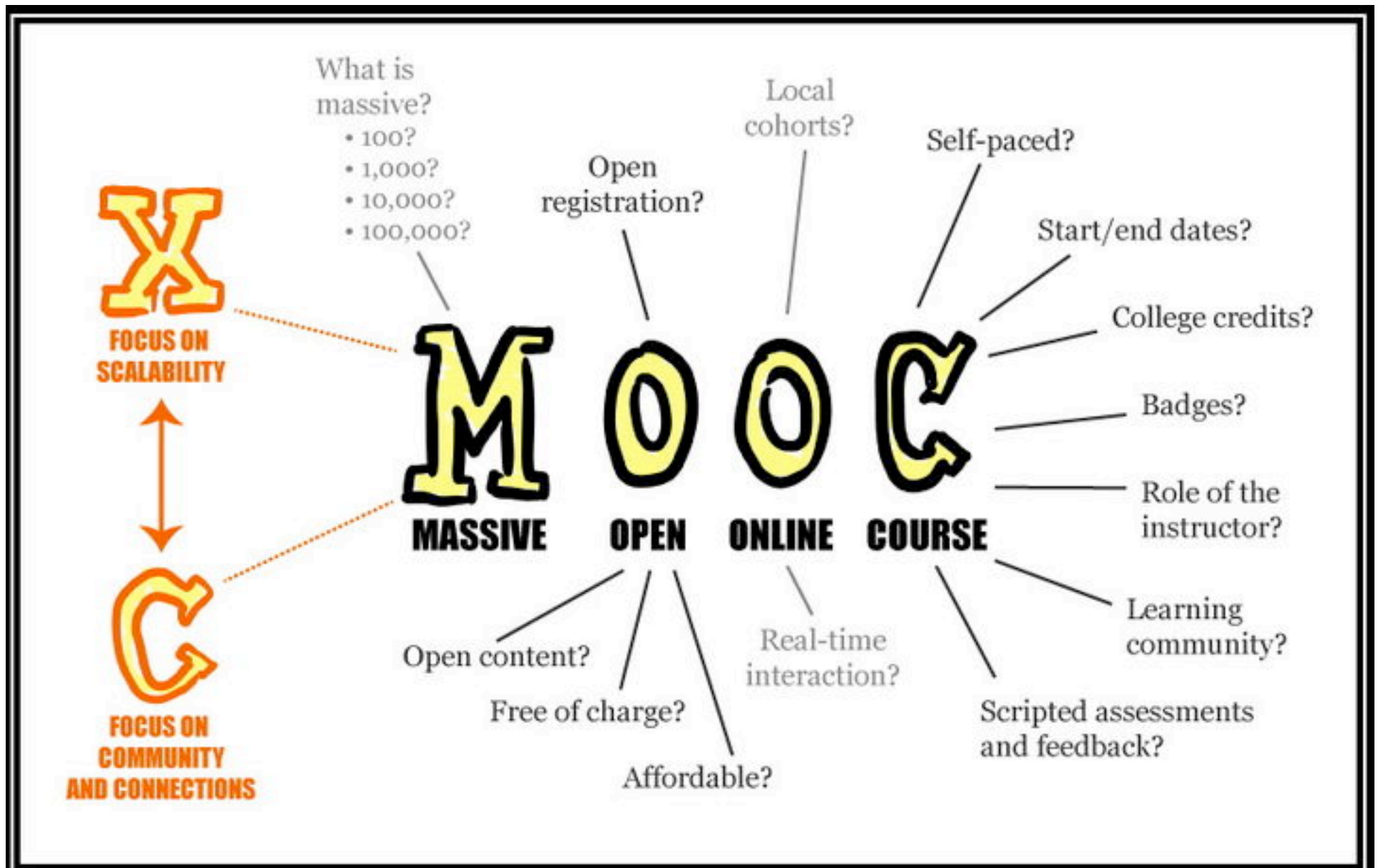
The herd instinct to Mooc!





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!



OERs and MOOCs in a Time of Economic Crisis

Stamenka Uvalić-Trumbić
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Many MOOCs learners are graduates already



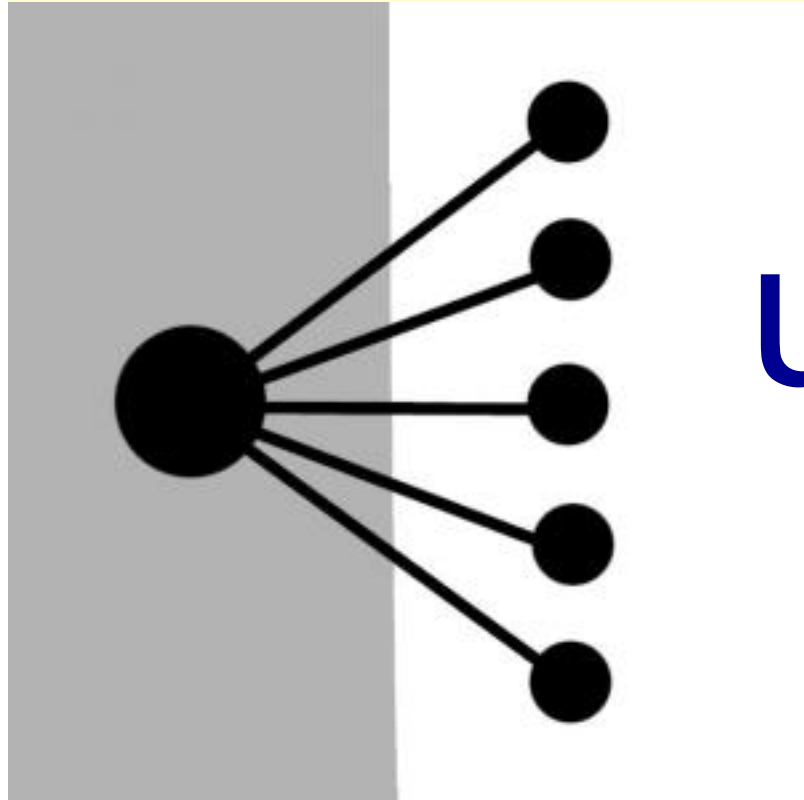
MOOCs

Needed:

- Employment-related topics
- Credible recognition



A partnership of like-minded institutions committed to creating pathways for OER learners to gain academic credit through the formal education system



the
unbundling
of higher
education



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.



A Guide to Quality in Online Learning

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n form, visit
Website.



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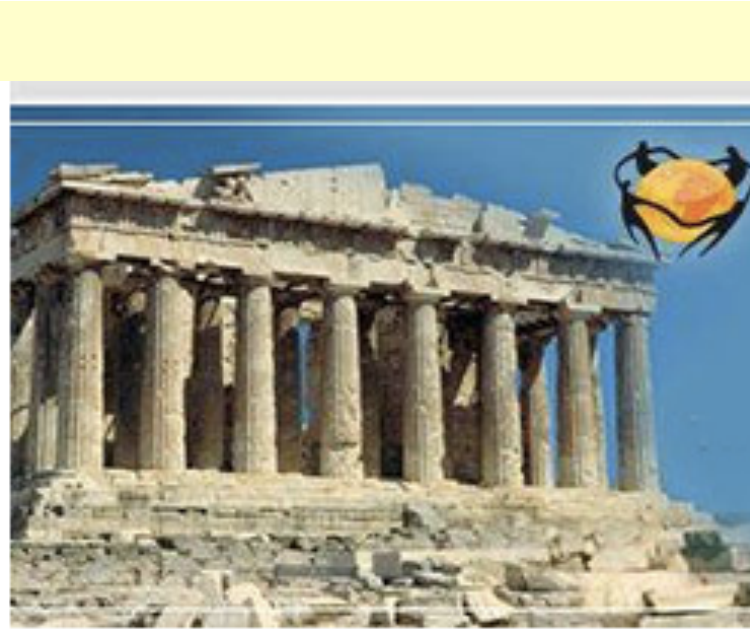


www.cheainternational.org

Post-traditional higher education What about quality?



‘the explosion of online learning is having unexpected and unintended consequences which may prove very helpful’



Thank you

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Text and slides at: www.sirjohn.ca