Higher Education doesn’t do Revolutions!

Sir John Daniel & Stamenka Uvalić-Trumbić
The global rise of youth unemployment

Generation jobless

The Economist

Focus on Scalability

X

Massive Open Online Course

What is massive?
- 100?
- 1,000?
- 10,000?
- 100,000?

Local cohorts?

Self-paced?

Start/end dates?

College credits?

Badges?

Role of the instructor?

Learning community?

Focus on Community and Connections

C

Open registration?

Open content?

Free of charge?

Affordable?

Real-time interaction?

Scripted assessments and feedback?

DEBT

EDUCATION

Student loans
Mai 1968, Université de Paris
Paris, May 1968
From Paris to Belgrade
June 1968: students’ demonstration

University of Belgrade
Turbulent times in Higher Education
The MOOCs flock
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
The Bologna Process

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

Gilder & Wells, 2009
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”
<table>
<thead>
<tr>
<th>University</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michigan State University</td>
<td>East Lansing</td>
</tr>
<tr>
<td>Cornell University</td>
<td>Ames</td>
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<tr>
<td>Iowa State University</td>
<td>Ames</td>
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<tr>
<td>University of Florida</td>
<td>Gainesville</td>
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<td>Ohio State University</td>
<td>Columbus</td>
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<tr>
<td>University of Illinois at Urbana</td>
<td>Champaign, Urbana</td>
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<tr>
<td>Pennsylvania State University</td>
<td>University Park, St.</td>
</tr>
<tr>
<td>Kansas State University</td>
<td>Manhattan</td>
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<tr>
<td>University of Minnesota</td>
<td>Minneapolis</td>
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<tr>
<td>North Carolina Agricultural and Technical University</td>
<td>Greensboro</td>
</tr>
<tr>
<td>Tuskegee University</td>
<td>Tuskegee Institute</td>
</tr>
<tr>
<td>Alabama Agricultural and Mechanical University</td>
<td>Tuskegee Institute</td>
</tr>
<tr>
<td>University of Nebraska–Lincoln</td>
<td>Lincoln</td>
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<tr>
<td>Virginia Polytechnic Institute of Blacksburg</td>
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<tr>
<td>Auburn University</td>
<td>Auburn, Auburn University</td>
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<td>Colorado State University</td>
<td>Fort Collins</td>
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<td>University of Wisconsin-Madison</td>
<td>Madison</td>
</tr>
<tr>
<td>Purdue University</td>
<td>West Lafayette</td>
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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
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)

<table>
<thead>
<tr>
<th>Rank</th>
<th>University</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CAMBRIDGE</td>
<td>96%</td>
</tr>
<tr>
<td>2</td>
<td>LOUGHBOROUGH</td>
<td>95%</td>
</tr>
<tr>
<td>3=</td>
<td>LONDON SCHOOL OF ECONOMICS</td>
<td>88%</td>
</tr>
<tr>
<td>3=</td>
<td>YORK</td>
<td>88%</td>
</tr>
<tr>
<td>5</td>
<td>THE OPEN UNIVERSITY</td>
<td>87%</td>
</tr>
<tr>
<td>6</td>
<td>OXFORD</td>
<td>86%</td>
</tr>
<tr>
<td>7</td>
<td>IMPERIAL COLLEGE</td>
<td>82%</td>
</tr>
<tr>
<td>8</td>
<td>UNIVERSITY COLLEGE LONDON</td>
<td>77%</td>
</tr>
<tr>
<td>9</td>
<td>ESSEX</td>
<td>77%</td>
</tr>
</tbody>
</table>

…and OU top for student satisfaction
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
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New Dynamics: Diversification of providers

‘World-class’ universities
Competency-based
Private
Online
Cross-border
Generation jobless

The global rise of youth unemployment
Idle hands

Youth unemployment and inactivity*
By region†, 2012 or latest, m

<table>
<thead>
<tr>
<th>Region</th>
<th>Unemployed</th>
<th>Inactive</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Asia</td>
<td></td>
<td>31.1</td>
<td></td>
</tr>
<tr>
<td>East Asia &amp; Pacific</td>
<td></td>
<td>18.4</td>
<td></td>
</tr>
<tr>
<td>Sub-Saharan Africa</td>
<td></td>
<td>21.6</td>
<td></td>
</tr>
<tr>
<td>Middle East &amp; north Africa</td>
<td></td>
<td>40.6</td>
<td></td>
</tr>
<tr>
<td>OECD†</td>
<td></td>
<td>15.2</td>
<td></td>
</tr>
<tr>
<td>Latin America</td>
<td></td>
<td></td>
<td>23.2</td>
</tr>
<tr>
<td>Europe &amp; Central Asia</td>
<td></td>
<td></td>
<td>24.4</td>
</tr>
</tbody>
</table>

*15-24 year olds not in education
†Regions exclude OECD countries
‡Not in education or training

Sources: OECD; World Bank; The Economist
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
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*
Training?
old wine

new bottles
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.
POST-TRADITIONAL HIGHER EDUCATION
OPEN EDUCATIONAL RESOURCES (OER)

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

2012 World Open Educational Resources Congress
Paris 20-22 June
UNESCO Headquarters
Paris, France
10. Encourage open licensing of educational material produced with public funds.
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.
What is a MOOC?

Massive Open Online Course
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!
Generation jobless

The global rise of youth unemployment
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
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
STRAATEGY

Top down
A VISION

PARTICIPATION
Bottom-up
Professor Geoff PETERS

- 100,000 >>>>> 200,000 students
- Financial strength
CULTURE
OF
QUALITY
Higher Education doesn’t do Revolutions!

Thank you

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Text and slides at: www.sirjohn.ca