Higher Education: Open for Innovation?

Sir John Daniel
Education Master
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Dimensions of Openness in Higher Education: The Role of Technology

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Higher Education: Open for Innovation?

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Higher Education: Open for Innovation?

Question 1

Is higher education open to innovation in the way it operates?
Higher Education: Open for Innovation?

Question 2

Does opening up higher education promote innovation?
Higher Education: Open for Innovation?

1. Higher education more open
Higher Education: Open for Innovation?

1. Higher education more open

2. Open higher education = innovation
Higher Education: Open for Innovation?

1. Higher education more open

2. Open higher education = innovation

3. The DeTao Masters
Interviews with DeTao Masters

Stamenka Uvalić-Trumbić & Sir John Daniel
Higher Education: Open for Innovation?

Question 1

Is higher education open to innovation in the way it operates?
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 recognizable form: 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 on Higher Education, 1968)
Paris, May 1968
Nixon: What was the impact of the French Revolution?

Zhou Enlai: It’s too early to say.
Storming of the Bastille 1789
Storming of the Bastille 1789  
Student riots 1968

Which French Revolution?
Nixon: What was the impact of the French Revolution?

Zhou Enlai: It’s too early to say.
Moon landing
1969
Open as to:

- People
- Places
- Methods
- Ideas
"We took it as axiomatic," said the Planning Committee, "that no formal academic qualifications would be required for registration as a student." Anyone could try his or her hand, and only failure to progress adequately would be a bar to continuation of studies.
...a multi-media distance teaching system, using printed documents, television, radio and later the Internet to reach large numbers of people in their homes and workplaces...
“every new form of human communication will be examined to see how it can be used to raise and broaden the level of human understanding.”
“there are two aspects of education, both necessary. The first regards the individual human mind as a vessel, of varying capacity, into which is to be poured as much it will hold of the knowledge and experience by which human society lives and moves. But the second regards the human mind rather as a fire which has to set alight... This also we take as our ambition.”
Open as to:

- People
- Places
- Methods
- Ideas

260,000 students
of which
>60,000 ex UK
Sir John Daniel, Vice-Chancellor, Open University with Prime Minister Tony Blair
Open as to:

- People
- Places
- Methods
- Ideas
Ernest L. Boyer

Chancellor of SUNY 1970-77
US Commissioner of Education 1977-79
President of the Carnegie Foundation 1979-95

165 honorary degrees
(including Peking University)
‘My Degree – My Way’
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>
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<tbody>
<tr>
<td>1</td>
<td>CAMBRIDGE</td>
<td>96%</td>
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<tr>
<td>2</td>
<td>LOUGHBOROUGH</td>
<td>95%</td>
</tr>
<tr>
<td>3=</td>
<td>LONDON SCHOOL OF ECONOMICS</td>
<td>88%</td>
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<tr>
<td>3=</td>
<td>YORK</td>
<td>88%</td>
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<tr>
<td>5</td>
<td>THE OPEN UNIVERSITY</td>
<td>87%</td>
</tr>
<tr>
<td>6</td>
<td>OXFORD</td>
<td>86%</td>
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<td>77%</td>
</tr>
<tr>
<td>9</td>
<td>ESSEX</td>
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…and tops for student satisfaction
Tops in student satisfaction
OPEN EDUCATIONAL RESOURCES (OER)

educational materials that may be freely accessed, reused, modified and shared.
In 2001 MIT put some 100 of its courses online for free and defined them as “…publicly available materials that are either a part of or a complete course usually from a higher-education institution such as a university or college.”
UNESCO HQ Paris

2002 Forum on Impact of OCW
Chunyan Wang and Guodong Zhao

Open Educational Resources in the People’s Republic of China:
Achievements, Challenges and Prospects for Development
Welcome to CORE OpenCourseWare
CORE Open Courseware is a free and open educational resource.
28 million users

Interactive eBooks
450,000 downloads of the UKOU’s materials per week account for 10% of all iTunesU traffic
“the task of universities today is to provide paths from their informal cloud of learning towards formal study for those who wish to take them”

Martin Bean
Vice-Chancellor
Open University
GENTLER, MORE OPEN SLOPES

“Informal Learners”

Smaller milestones
Exploiting www resources
Accredited by mentors and the platform

Institutional Accreditation

Fixed granularity, standard, curriculum and price
The
Open Educational Resource University
Nalanda University, India

Xuanzang 603-664
Haim Dotan

Haim Dotan is DeTao’s design master for community planning and environmental friendly architecture and the chief designer, architect and operator of the Israeli Pavilion at the Shanghai Expo. He is the president of the Israeli Association of United Architects and a renowned eco-friendly architect and urban designer.
De Tao
DETAO GROUP

AARON MARCUS
Others

ALBERTO VILLARREAL
Industrial Design

ANA SERRANO
Visual Arts

ANTHONY DE RITIS
Others

ARNE KVORNING
Architectural Design

BEI LA
Others

BORIS BERLIN
Industrial Design

BRUCE LOGAN
Others

Beijing DeTao Masters Academy
Higher Education: Open for Innovation?

Question 2

Does opening up higher education promote innovation?
Richard Tabor Greene: 60 models of creativity
The Principle of Requisite Variety

“the larger the variety of actions available to a control system, the larger the variety of perturbations it is able to compensate”

Ashby 1958
Students who combine work and study learn better
Arthur Koestler

The Act of Creation
“creation and new thinking occur when two different planes of intellectual discourse intersect”
Cinematography: Nathan Wang & Sing Choong Foo

Hollywood & China
Haim Dotan: Poetry and Architecture

Most Beautiful Book of the Year 2011
Matias del Campo
Architect

“DeTao: Epicentre of an earthquake”
Austrian pavilion – Shanghai Expo
“there are important cultural differences in how students think about the notion of ‘space’.”
Dr. Shui Yan Tang,
DeTao Master of
Public Administration

Dr Shui-yan Tang – Public Administration
Dr Shui-yan Tang

RULES

His current interest is in rules – looking at rules from an institutional perspective. This means how to develop rules, how to use rules and how to make sure rules are not abused. He notes that societies and institutions have both formal rules and informal rules and observes that during the course of Chinese history, informal rules worked better than formal rules. Making acceptable rules is a difficult task.
Roger Fidler: journalist, designer, technologist

Conceived tablet 30 years ago...
Steve Jobs with the iPad

The iPhone
Stamenka Uvalić-Trumbić

Yugoslavia

University of Paris

CEPES, Bucharest

UNESCO, Paris
Guidelines for Quality Provision in Cross-border Higher Education

Stamenka Uvalić-Trumbić
Higher Education: Open for Innovation?

1. Higher education more open
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1. Higher education more open

2. Open higher education = innovation
• Modern expression of international exchange

• A team of brilliant individuals
Open as to:

- People
- Places
- Methods
- Ideas
THANK YOU

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For text and slides
www.col.org/speeches