COL, Association of Commonwealth Universities, African Association of Universities, University of Abertay Dundee, other Scottish institutions

Professor
Asha Kanwar

Sir
John Daniel
Managing Change in a Global Knowledge Economy
Science and Innovation

Professor
Asha Kanwar

Sir
John Daniel
Innovation in Higher Education: has it a Scientific Basis?

Professor Asha Kanwar

Sir John Daniel
PLAN

- Research **ON** universities
PLAN

- Research ON universities

- Drivers of change:
PLAN

- Research ON universities

- Drivers of change:
  * For-profit institutions
  * Distance Learning
  * Cross-border higher education
PLAN

- Research **ON** universities

- Drivers of change:
  
  * For-profit institutions
  * Distance Learning
  * Cross-border higher education

- Open Educational Resources
PLAN

- Research **ON** universities

WHY SO LITTLE?
PLAN

- Research ON universities

WHY SO LITTLE?

because of the LECTURE?
ANATOMY OF THE LECTURE:

- Plan the curriculum
- Prepare materials
- Give the lecture
- Assess the students
- Reflect and revise
Age Participation Rates (APRs)

~50% in richer countries
<10% in poorer countries
CHALLENGES

Age Participation Rates (APRs)

~50% in richer countries
<10% in poorer countries

HOW TO FUND THE INCREASE?
The **Iron** Triangle

COST

ACCESS

QUALITY

COST
The innovation cart before the research horse
PLAN

- Research ON universities

- Drivers of change:
  * For-profit institutions
  * Distance Learning
  * Cross-border higher education
For-profit universities

‘private’ is old
For-profit universities

‘private’ is old

but Phoenix is new:

- big
- expanding
- rich
- unconventional
For-profit universities

Phoenix is unconventional:

- 2% of 20,000 faculty full-time
- centrally designed curriculum
- Phoenix online
For-profit universities

Phoenix is unconventional:

- 2% of 20,000 faculty full-time
- centrally designed curriculum
- Phoenix online
- organised as a system
- monitoring and evaluation
For-profit universities

FEES ARE THE ISSUE!
“the combination of competitive entry and free tuition would produce equitable participation in higher education from all socio-economic groups.
“the combination of competitive entry and free tuition would produce equitable participation in higher education from all socio-economic groups.

Abundant research now shows that this is simply not true
Mauritius
“Having a free public sector alongside an expensive private sector does not create an effective higher education system”
For-profit universities

FEES ARE THE ISSUE!
For-profit universities

FEES ARE THE ISSUE!

Research and advice

International Finance Corporation
The World Bank
For-profit universities

Already a

$350Bn

enterprise!
EXPANSION OF
DISTANCE LEARNING
Walter Macdonald Perry
Founding Vice-Chancellor, The Open University
● 200,000 students
● Costs 60-80% of conventional
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 THE OPEN UNIVERSITY 87%
6 OXFORD 86%
7 IMPERIAL COLLEGE 82%
8 UNIVERSITY COLLEGE LONDON 77%
9 ESSEX 77%

…and top for student satisfaction
Professor Naomi Sargant
First Pro-Vice Chancellor, Students
Began the programme of student survey research at the Open University
CROSS-BORDER HIGHER EDUCATION

Observatory on CBHE
(Association of Commonwealth Universities)

Regional Conventions
(UNESCO)
• UNESCO-OECD Guidelines on Quality Provision in Cross-Border Higher Education
RESEARCH ON UNIVERSITIES
RESEARCH ON UNIVERSITIES

Robert Zemsky          William Massy
There is a growing sense that American colleges and universities have become too set in their ways to change. Although their faculties are the principal inventors of the new digital technologies, universities and colleges remain averse to letting information technology change how they provide basic administrative services or deliver instruction. They are also becoming more labour-intensive and more resistant to being judged either by their customers or in terms of their educational efficiency...
The writers address the questions of what factors constitute the impediments to change that now make colleges and universities less adaptive and how colleges and universities can preserve themselves as institutions, ensuring that, in their pursuit of success in the marketplace, they neither abandon their academic missions nor settle for a hollowed kind of collegiality.”

NEW DEVELOPMENTS
NEW DEVELOPMENTS

Open source software

\( \frac{3}{4} \) of UK HEIs
NEW DEVELOPMENTS

Open source software

\(\frac{3}{4}\) of UK HEIs

“Decisions on software should not be made on ideological grounds;

but neither should they be made out of habit.”
NEW DEVELOPMENTS

Open educational resources
NEW DEVELOPMENTS

Open educational resources

Encouraged by the William and Flora Hewlett Foundation
Milestones:

1. MIT: Open Courseware sharing information
Milestones:

1. MIT: Open Courseware sharing information

2. UKOU: Open Content Initiative sharing learning
Milestones:

1. MIT: Open Courseware
   sharing information

2. UKOU: Open Content Initiative Initiative
   sharing learning

3. VUSSC: Collaborative content
   sharing teaching and learning
“Protections”
  Attribution BY
  Share-alike SA
“Protections”

Attribution BY

Share-alike SA

Non-Commercial NC
Non-Commercial (NC)
1. Prevents distribution of free content
2. Cannot mix (e.g. Wikicommmons)

Therefore, use Share-Alike to reduce risk
“to uphold the academic ideal as you guide your universities through a period of growth and change”
“when paradigms change, the world itself changes with them”

Thomas Kuhn
Thank you!

Professor Asha Kanwar

Sir John Daniel