Sir John Daniel, O.C.

Chancellor, Acsenda School of Management
formerly
President, Commonwealth of Learning
Assistant Director-General (Education), UNESCO
Vice-Chancellor, The Open University (UK)
President/Recteur, Laurentian University, Ontario
Embedding Resilience in Education Systems and Institutions

2020 Western Canada Quality and Business Excellence Conference
Hosted by ASQ Vancouver

Rethink Opportunities. United in Change

bsi.  ACSESDA  HEXAGON
Teach in smaller groups or move to other facilities

Secondary

Elementary
First-year postsecondary students need orientation to help them adapt to higher education but can cope with online learning although they miss the social aspects of being in class and on campus.
Dr. Bonnie Henry – Provincial Health Officer, British Columbia
B.C. announces new COVID-19 restrictions for Metro Vancouver health regions for 2 weeks as cases surge
Teach in smaller groups or move to other facilities

Secondary

Elementary
Blending online learning and classroom teaching
Conducting a College through COVID-19: The Evolving Leadership Challenge

Articles/presentation at www.sirjohn.ca
Cambridge University: All lectures to be online-only until summer of 2021
The Challenge for Education

- ACCESS (wider)
- QUALITY (higher)
- COST (lower)
The Iron Triangle

ACCESS

QUALITY

COST
Independence and Interaction

Synchronicity and Asynchronicity
Distance Learning: a three-legged stool
The Challenge for Education

• ACCESS (wider)
• QUALITY (higher)
• COST (lower)
The Iron Triangle

ACCESS

QUALITY

COST
A Flexible Triangle

ACCESS

QUALITY

COST
The Iron Triangle

ACCESS

QUALITY

COST
The Iron Triangle

- Access
- Quality
- Cost
The Iron Triangle

Access

Quality

Cost
“an insidious link between quality and exclusivity”
A Flexible Triangle

ACCESS

QUALITY

COST
The Challenge for Education

- ACCESS (wider)
- QUALITY (higher)
- COST (lower)

...all at the same time!
Principles of Technology

- Division of labour
- Specialisation
- Economies of scale
- Machines and IT

Adam Smith
1723-1790
Mega-Universities & Knowledge Media

Technology Strategies for Higher Education

John S. Daniel
<table>
<thead>
<tr>
<th>COUNTRY</th>
<th>NAME OF INSTITUTION</th>
<th>EST.</th>
<th>ABBR.</th>
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<tbody>
<tr>
<td>China</td>
<td>China TV University System</td>
<td>1979</td>
<td>CTVU</td>
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<tr>
<td>France</td>
<td>Centre National d’Enseignement à Distance</td>
<td>1939</td>
<td>CNED</td>
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<td>India</td>
<td>Indira Gandhi National Open University</td>
<td>1985</td>
<td>IGNOU</td>
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<td>Indonesia</td>
<td>Universitas Terbuka</td>
<td>1984</td>
<td>UT</td>
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<td>Iran</td>
<td>Payame Noor University</td>
<td>1987</td>
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<td>UNISA</td>
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<td>Spain</td>
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<td>1972</td>
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<td>Thailand</td>
<td>Sukhothai Thammathirat Open University</td>
<td>1978</td>
<td>STOU</td>
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<td>Turkey</td>
<td>Anadolu University</td>
<td>1982</td>
<td>AU</td>
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<td>United Kingdom</td>
<td>The Open University</td>
<td>1969</td>
<td>UKOU</td>
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The Mega-universities in the 1990s
Total enrolment: 2,830,000
Canada’s two online universities
170,000 current students
2 million alumni with certificates, diplomas, degrees, higher apprenticeships, Masters degrees and doctorates.
BRITAIN’S TOP UNIVERSITIES

Quality Rankings of Teaching

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 tops for student satisfaction
• Costs 60 - 80% of conventional
Independence and Interaction

Synchronicity and Asynchronicity
Sir George Williams University, Montreal, 1970
3-month internship 1972

The Open University – United Kingdom
Open to:
People
Places
Methods
Ideas
Advice
- Pilot of 300

Decision
- Admit 25,000
A Flexible Triangle

ACCESS

QUALITY

COST
UKOU – BBC partnership

"Earning a degree by watching the telly"
UKOU – BBC partnership

Worldwide audience of billions
Tutorials

A regional network with thousands of tutors
Independence and Interaction
Independence and Interaction

Getting the Mixture Right
Interaction

a slippery concept
Correspondence Education

“A guided didactic conversation”

Borje Holmberg
Independence and Interaction

Synchronicity and Asynchronicity
Online learning
(Emergency synchronous remote teaching)
M O O C – Every letter is negotiable!
What is a Mind?

★★★★☆ 4.7 (58 reviews)

Explore the most pertinent scientific and philosophical concepts for understanding our own minds with this free online course

Join course for free

70,549 enrolled on this course

70,549 people have enrolled
A record 13.6 million visitors this year, up from 8.9 million the year before.
Independence and Interaction

Synchronicity and Asynchronicity
DISTANCE LEARNING

a three-legged stool

Student support
Admin/logistics
Learning materials

student
DISTANCE LEARNING

a three-legged stool

student

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DISTANCE LEARNING

student

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Admin/logistics

Learning materials

a three-legged stool
STUDENT SUPPORT

- Academic
- Administrative
- Cultural
- Social
DISTANCE LEARNING

a three-legged stool

Student support
Admin/logistics
Learning materials
ADMINISTRATION & LOGISTICS

- Learning Management System
- Online options (ZOOM, etc.)
- Efficient registry
- Helplines and responses to e-mail
The Iron Triangle

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Independence and Interaction

Synchronicity and Asynchronicity
DISTANCE LEARNING

a three-legged stool

student

Student support

Admin/logistics

Learning materials
Thank you

and thank you to our Sponsors

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