

**International Conference
on Open and Online Learning**
Penang, Malaysia

12 June 2007

Opening Keynote Address

John Daniel, Asha Kanwar & Paul West

Commonwealth of Learning



Dato' Professor Raj Dhanarajan
Vice-Chancellor
Wawasan Open University College

WAWASAN OPEN UNIVERSITY COLLEGE



The Homestead together with a new 12-storey building behind it will serve as Wawasan Open University College's headquarters and learning hub.



OPEN UNIVERSITY
UNIVERSITI TERBUKA
MALAYSIA





Mauritius Bootcamp: Aug 2006





Virtual University for Small States of the Commonwealth

PARTICIPATING COUNTRIES

Open and Online Learning



Professor
Asha Kanwar



Paul
West



Sir
John Daniel

Outline

- Open and Online????
- Open and Distance Learning
a brief history
- Open Educational Resources

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**Open Educational Resources:
Help or Hindrance to Open Learning?**

John Daniel, Asha Kanwar & Paul West

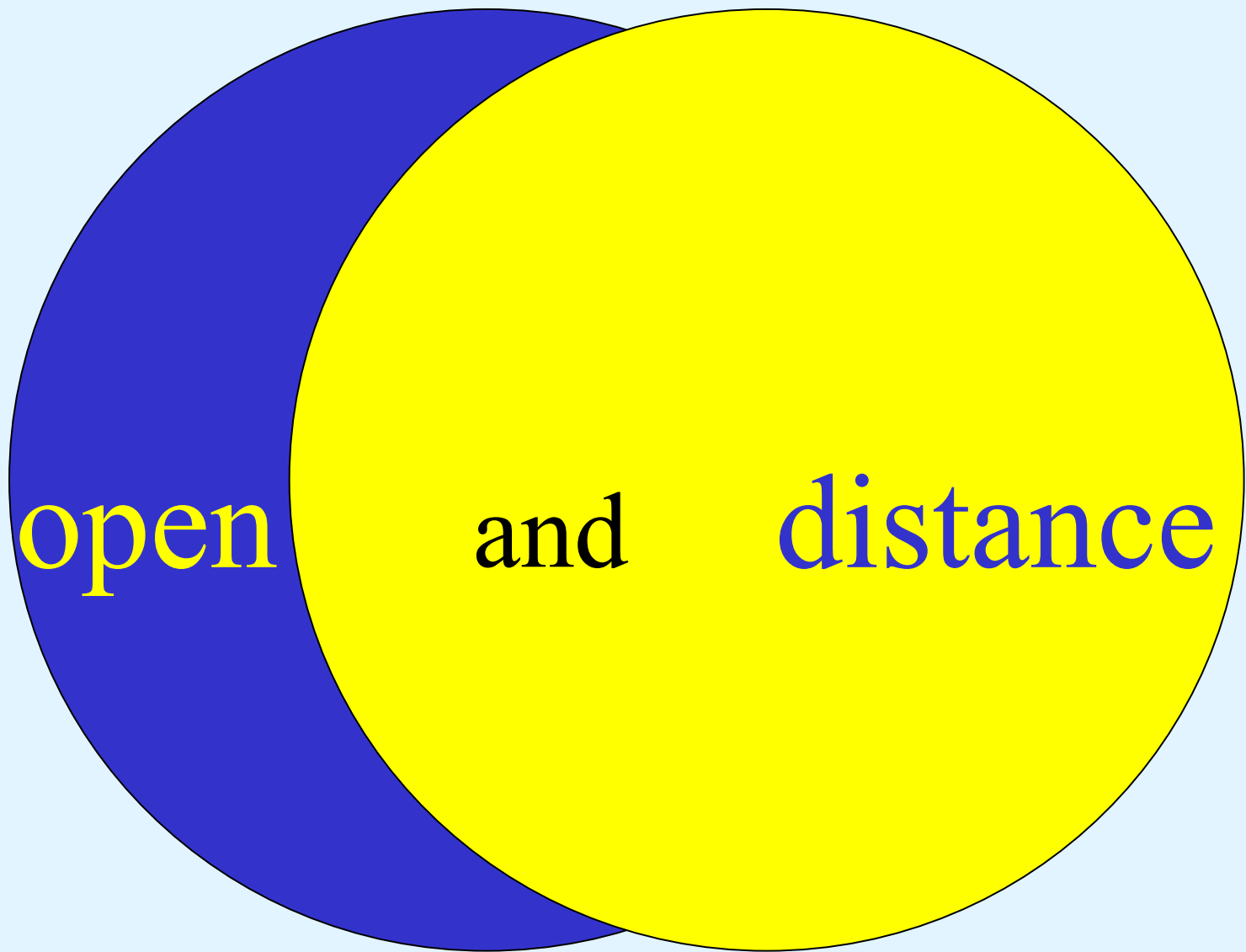
Commonwealth of Learning

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Open and Online Learning
an oxymoron?

Open & Distance Learning
not an oxymoron



open

and

distance

learning



open learning

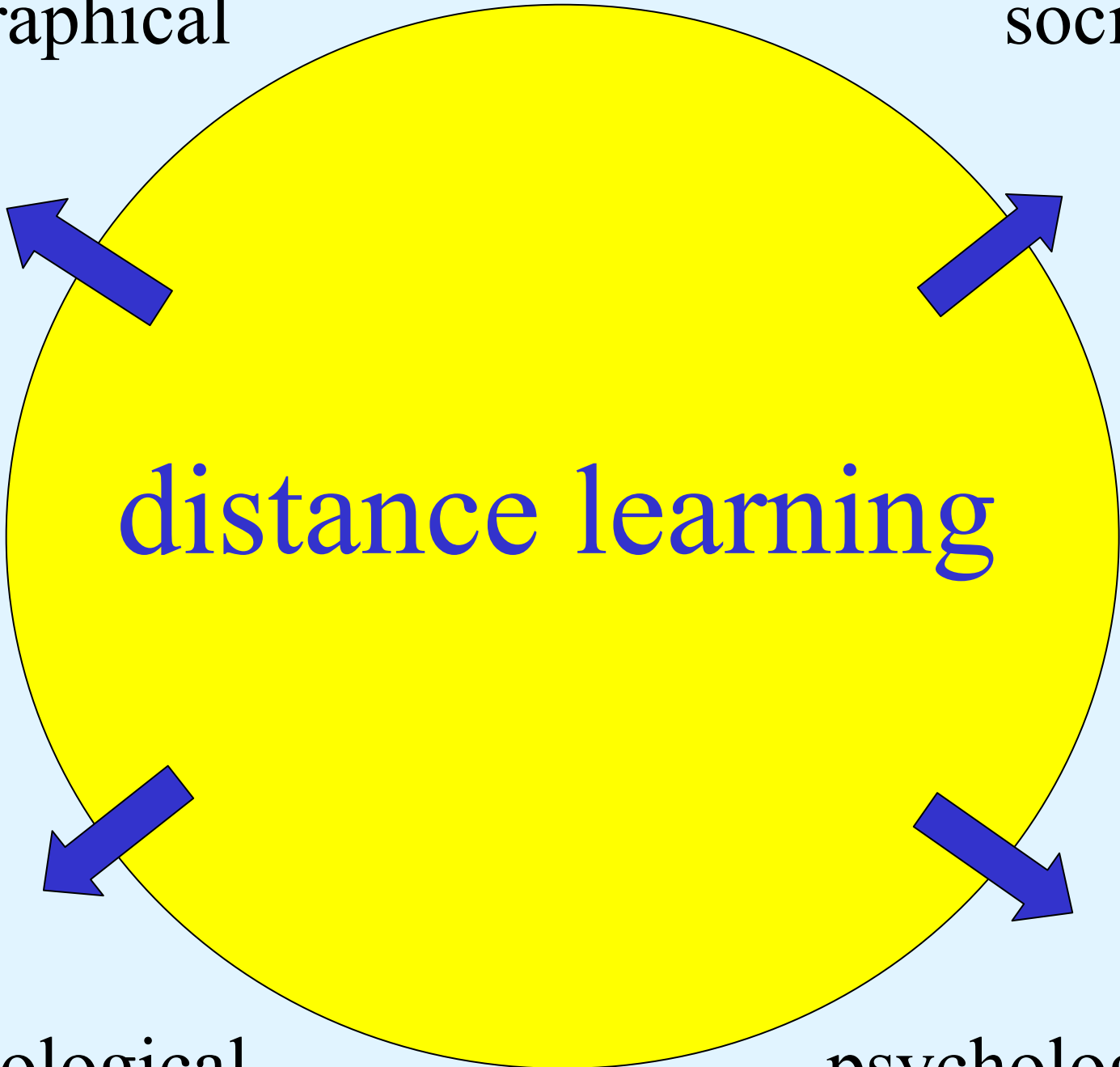
geographical

social

distance learning

technological

psychological





St. Paul's ODL system

- Learning materials
Letters copied by hand
- Distribution
Messengers and couriers
- Teachers
Read and interpret
- Learners
Learn and apply



Am. Steiner inv. J. G. Schreyer sculp.

IMPRESSIO LIBRORVM.

Potest ut una vox capi aut plurima:

Limoni ita una scripta mille paginas.



Postal systems





The Open University



- **An object of public policy**



- **The Course Team**



- **“Every form of communication”**



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...



It has been said that the addiction of the traditional university to the lecture room is a sign of its inability to adjust to the development of the printing press. That, of course, is unjust. But at least no such reproach will be levelled at the Open University in the communications revolution. 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 is no restriction on techniques.

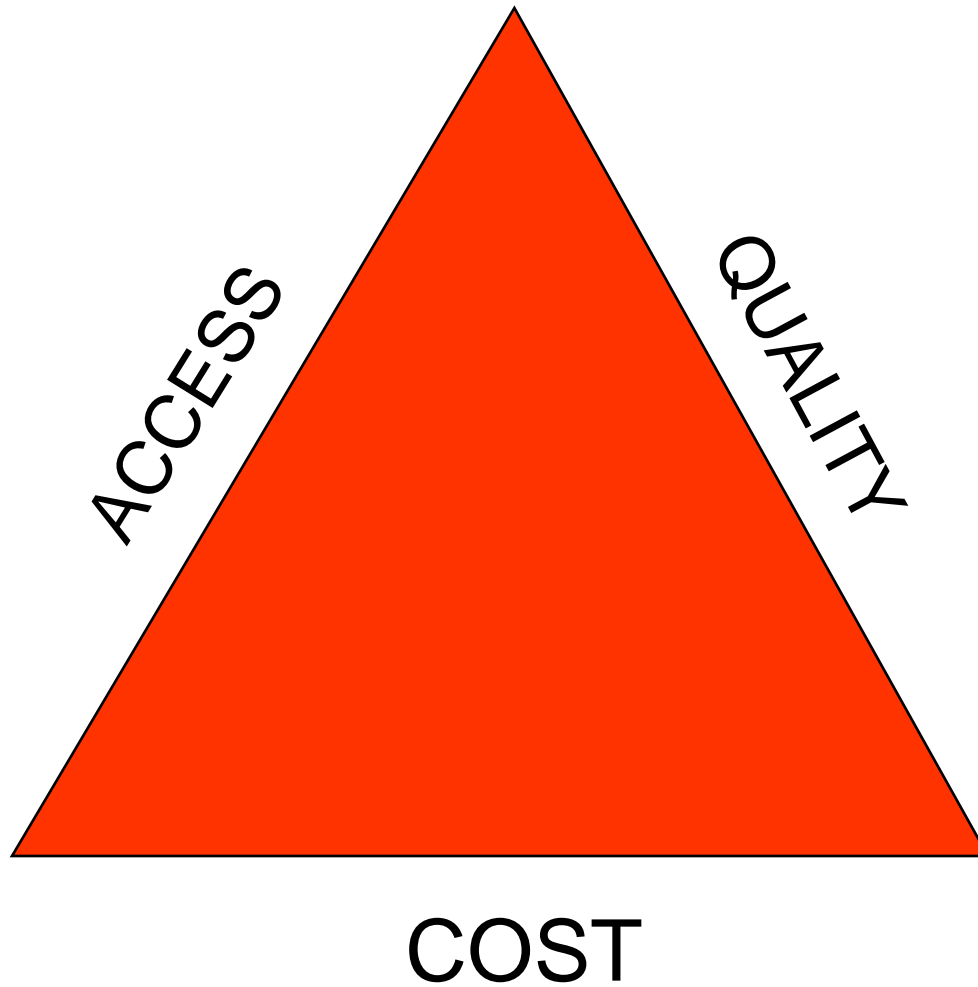


The Open University

OpenLearn

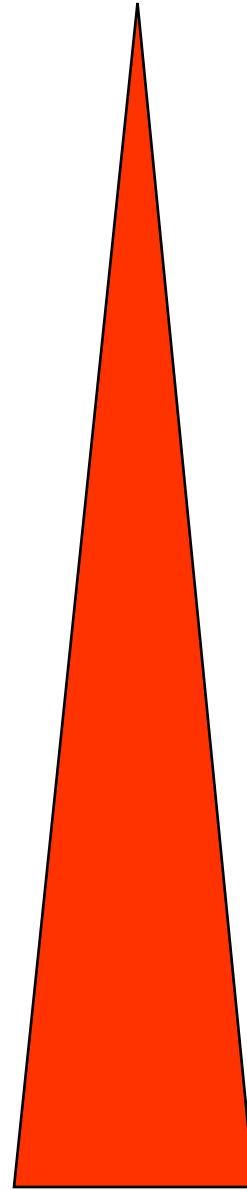
Making educational resources freely available

The Iron Triangle



ACCESS

QUALITY



COST

To break out of the iron triangle...

- Economies of scale in production
better and better with each generation

To break out of the iron triangle...

- Economies of scale in production
- Economies of scale in distribution
better and better with each generation

To break out of the iron triangle...

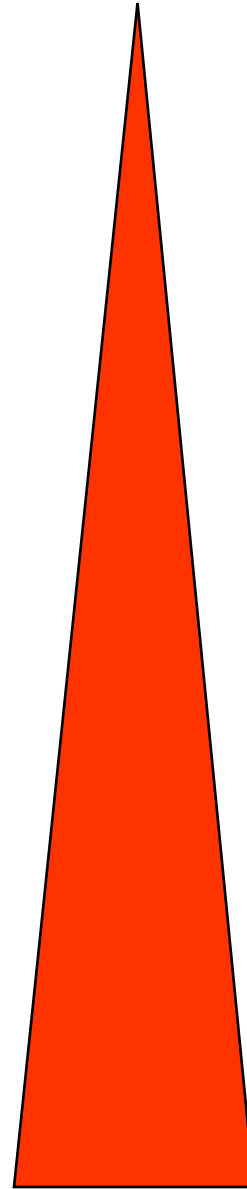
- Economies of scale in production
- Economies of scale in distribution
- Qualities of scale in student services
large investments in quality services

To break out of the iron triangle...

- Economies of scale in production
- Economies of scale in distribution
- Qualities of scale in student services
- Specialisation and Division of Labour
from the cottage industry to the 21st century

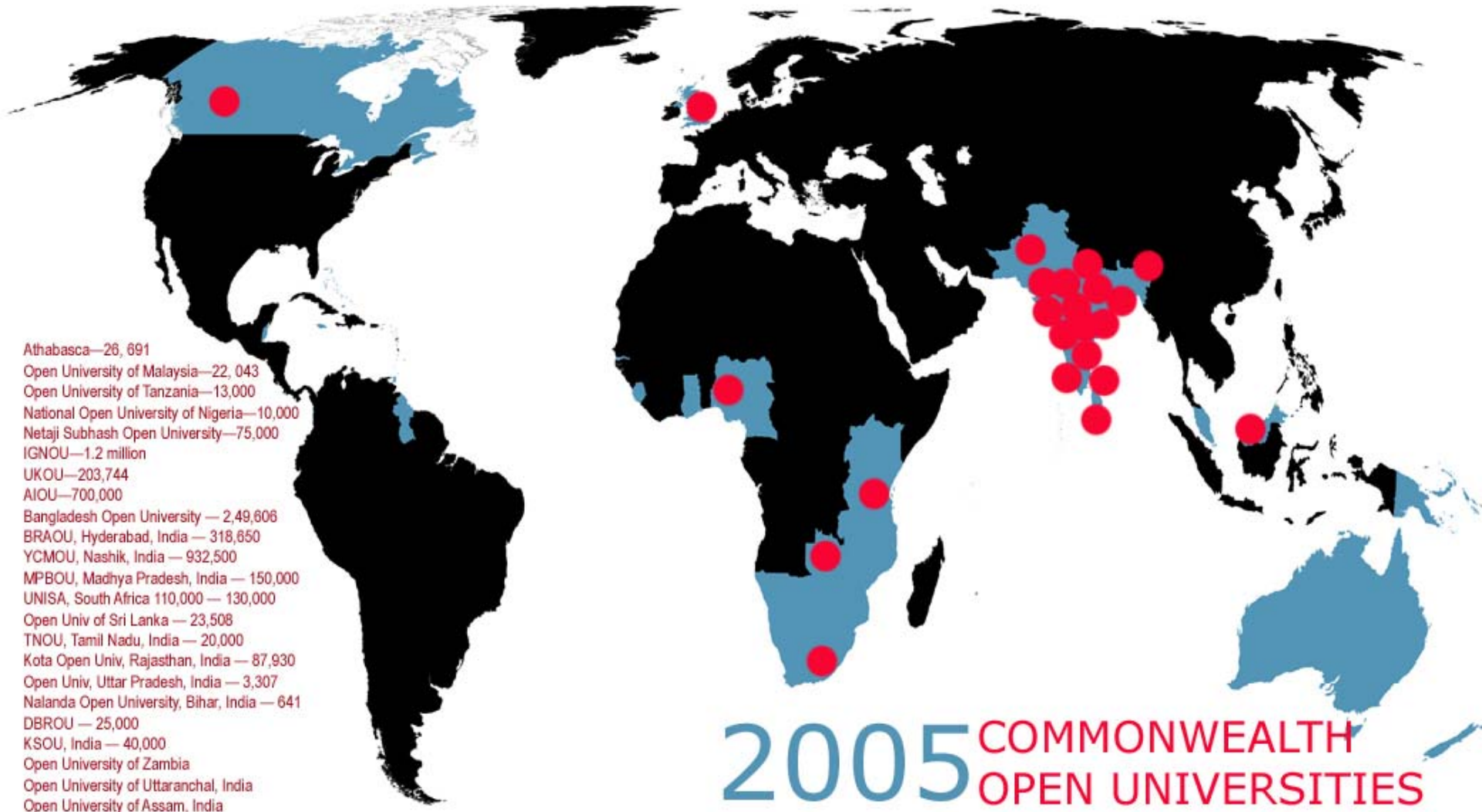
ACCESS

QUALITY



COST

The growth of Open Universities



Age Participation Rates

What threshold for 'developed' status?

Examples:

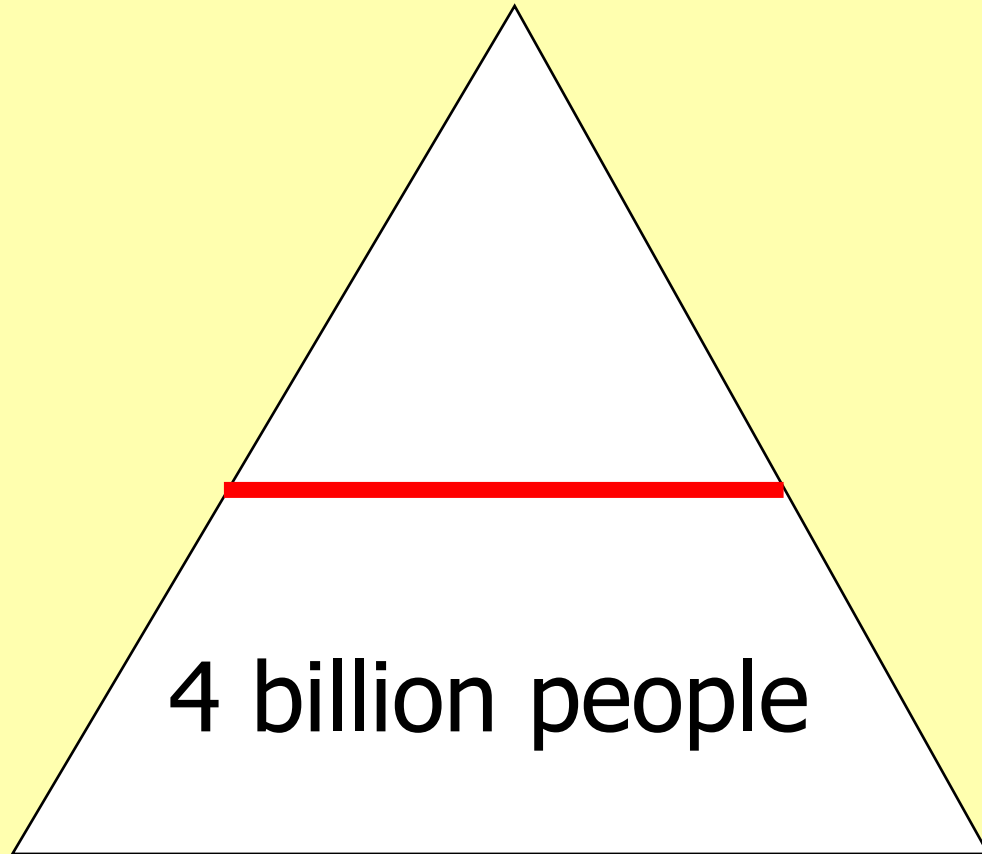
Canada - 60%

Malaysia - 30% aiming for 40+%

India - <10%

The Bottom of the Pyramid

Achieving a 35% APR in HE would yield



150 million additional students

A Tectonic Shift in Global Higher Education

(Change Magazine – July/August 2006)



Professor
Asha Kanwar

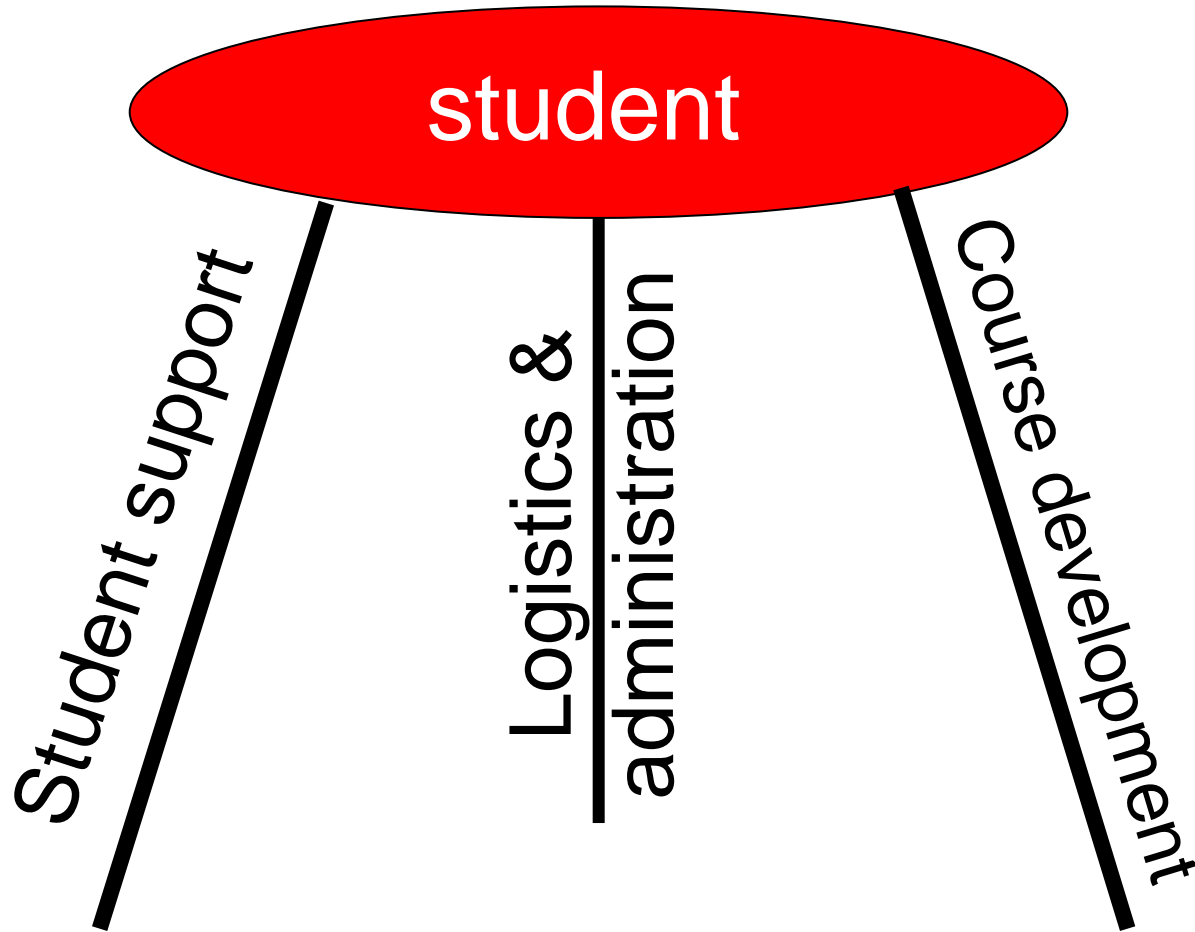


Stamenka
Uvalić-Trumbić



Sir
John Daniel

DISTANCE LEARNING



a three-legged stool

Connectivity





Connectivity

- Administration and Logistics ✓ ✓
- Student Support ✓ ✓
quicker feedback and communication

Course Development

“do not skimp on the intellectual and pedagogical input to courses but achieve economies of scale by having each course – or a version of it – reach many students.”

Little sharing because...

- “not invented here”
- non-electronic formats

**OPEN
EDUCATIONAL
RESOURCES**

OPEN EDUCATIONAL RESOURCES

**“We pay a special tribute
to the William and Flora
Hewlett Foundation”**



MIT **OPEN** COURSEWARE

MASSACHUSETTS INSTITUTE OF TECHNOLOGY



MIT **OPEN** COURSEWARE

MASSACHUSETTS INSTITUTE OF TECHNOLOGY



The Open University

OpenLearn

Making educational resources freely available

Sharing information

Sharing learning

Sharing teaching



The Virtual



MIT OPEN COURSEWARE

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Worries...

- The Last Mile

Worries...

- The Last Mile

“will all these nice OERs make it out of their electronic repositories and take the form of real courses that can be studied for credit by real people?”

OERs for VUSSC: The Challenges

- Getting them produced
international collaboration online
- Conversion to award-bearing courses
need for a qualifications framework
- Delivery and student support systems
varied infrastructure in 28 countries

A plea to you!

Please work on the

LAST MILE

problem

PITFALLS...

- The Medium not the MESSAGE
- Obsession with OPENNESS



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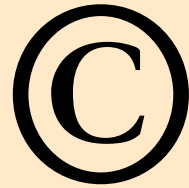
The Open University

OpenLearn

Making educational resources freely available

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“the Non-Commercial restriction places no restriction on the using institution’s ability to charge for all costs, be they registration fees and printing costs, and overheads and salaries.”



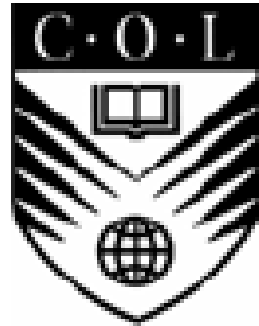
“Some course developers may want to introduce third-party copyrighted material into their distance learning materials.

This is a perfectly rational calculation...”



An oxymoron?

A repository restricted to free materials!



COMMONWEALTH *of* LEARNING

Copyright Guideline

<http://www.col.org/colweb/site/pid/3977>

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“Before we can say with certainty that OERs are part of the answer to the access problem we need to see large numbers of them cover the last mile to disadvantaged learners and give them useful qualifications or skills.”

“Focus on the benefits learners, individually and collectively, and you will indeed live to see the day when *open* and *online* learning is no longer an *oxymoron*.”



THANK YOU