



[www.ontransfer.ca](http://www.ontransfer.ca)

Student Pathways in  
Higher Education Conference

Conférence sur le parcours  
des étudiants dans  
l'enseignement supérieur

Sutton Place, Toronto  
January 26 and 27, 2012

*ONTransfer is funded by the Government of Ontario  
ONTransfert est financé par le gouvernement de l'Ontario*

## **Keynote:**

# **Moving across the great divide: Challenges and opportunities for student mobility**

**Keynote Speaker: Alastair Summerlee, President, University of Guelph**  
**Session Chair: Don Lovisa, President, Durham College**  
**January 27, 2012**

# Alastair Summerlee

President

University of Guelph



***Globalization***

***Technology***

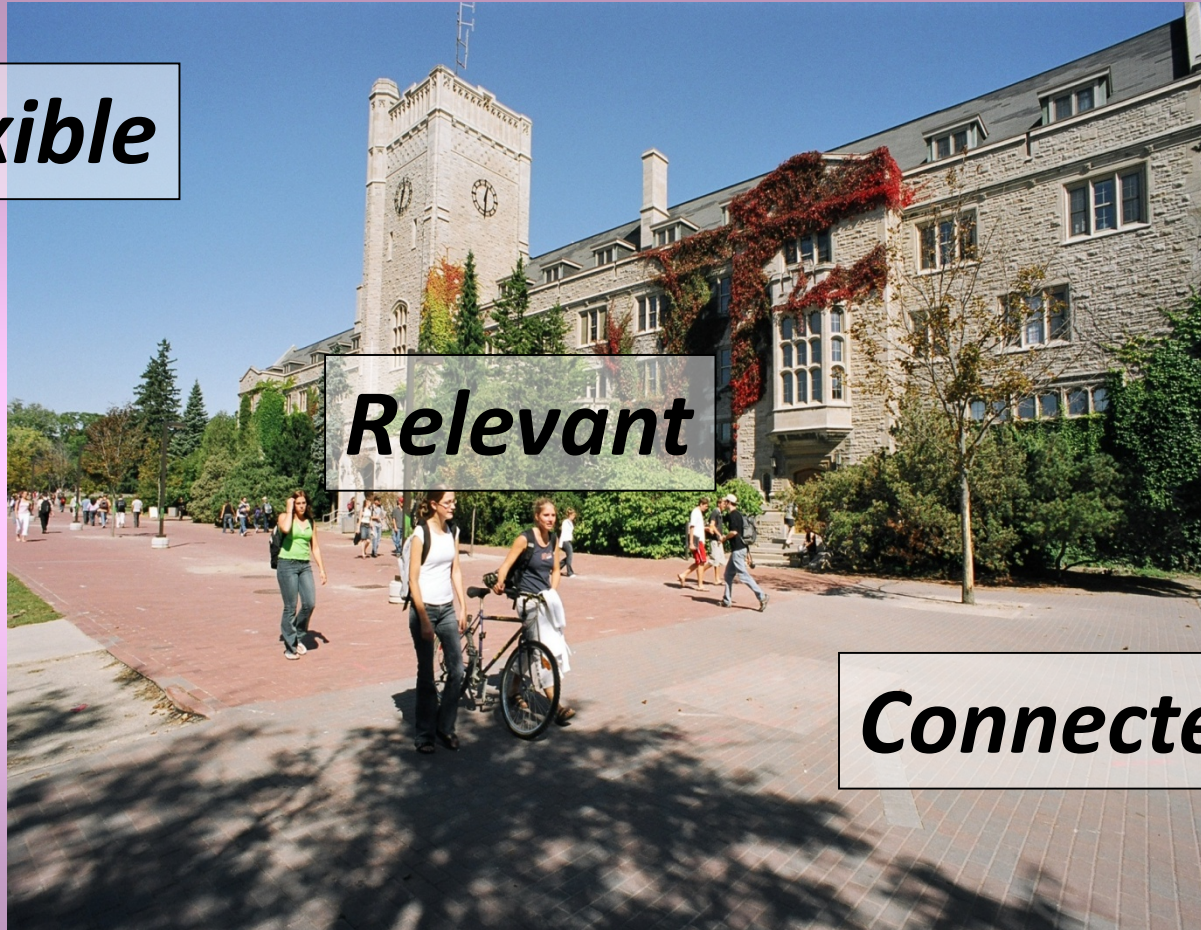
***Internationalization***



***Flexible***

***Relevant***

***Connected***



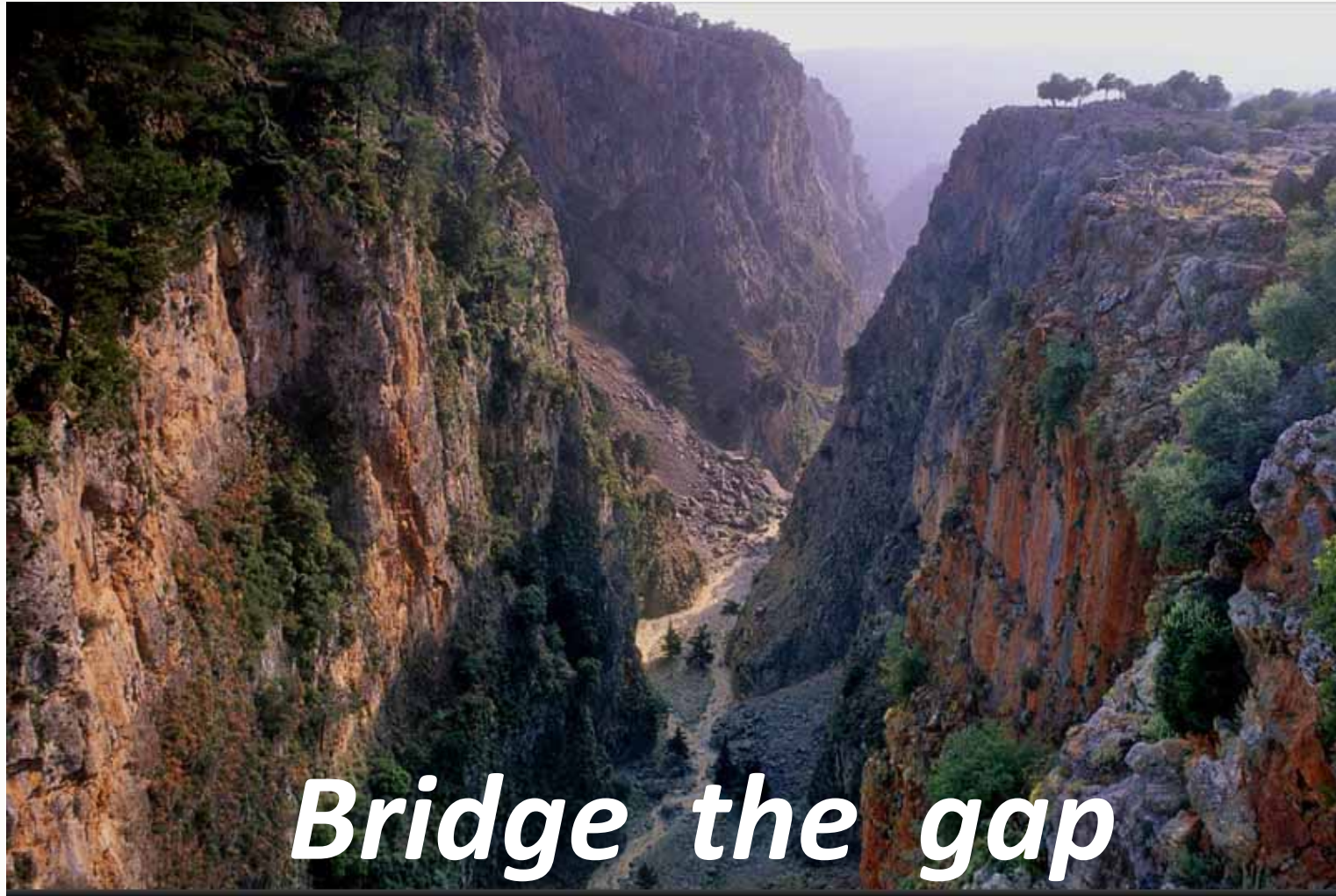
## ***One of the few jurisdictions .....***

Few pathways from college and university

Fewer pathways from university and  
university

No pathways from applied to graduate  
degrees





*Bridge the gap*

Improving pathways and exchange

***Imperative:***

**We must find ways to improve  
pathways and international  
exchange**

**.....but we are on track**







A large, green, circular hedge maze in a park setting. The maze is made of tall, green hedges and is surrounded by trees and a paved path. A person is visible in the bottom left corner, looking at the maze.

***Different positions***

***Different processes***

***Different expectations***



## ***Different positions .....***



***University and college courses are different***



## Challenge our processes because Information is changing

- Information was .....
  - Hierarchical *Chaotic*
  - Prescribed *Random*
  - Known (finite) *Infinite*
- Impact was .....
  - Places of learning
  - Organized
  - Taught in sequence



Information is democratized  
Ubiquitously available  
Cannot be taught in sequence

Degree/diploma

Our challenge is to develop educational pathways  
that deal with this **complexity** and this **reality**

Diploma

Certificate

Interest

Degree



**Different expectations**





## **Our collective challenge .....**



**How we bridge the divide ?**

## Options for college-university pathways

- Homogenize the system
  - UK system failing
  - Re-introduce differentiation
- Create a transfer system
  - Expense re curriculum
  - Lacks flexibility
- Find a simple solutions
  - Focused on students and their needs







## College-university programming

- Reasons to be optimistic
  - Different models
  - Some clear pathways
  - Trust between institutions
- Models include .....
  - Joint diploma degrees
  - A number of bilateral agreements
  - Exciting multilateral agreements
    - Engineering
    - Computer Science
    - Environment
    - Biotechnology



**Opportunity for much more**

## Opportunities and options

- On-going migration (evolution)
  - Joint diploma-degree programs
  - Specific transfer arrangements (bi-lateral)
  - Articulation agreements (multi-lateral)
- Changing the paradigm (revolution)
  - Bridging programs
  - On-line learning
  - Credit exchange – “Bologna agreement”
  - Re-defining a degree – learning outcomes
    - New concepts for joint diploma/degrees



# On-line learning .....

**Standard credit for courses**

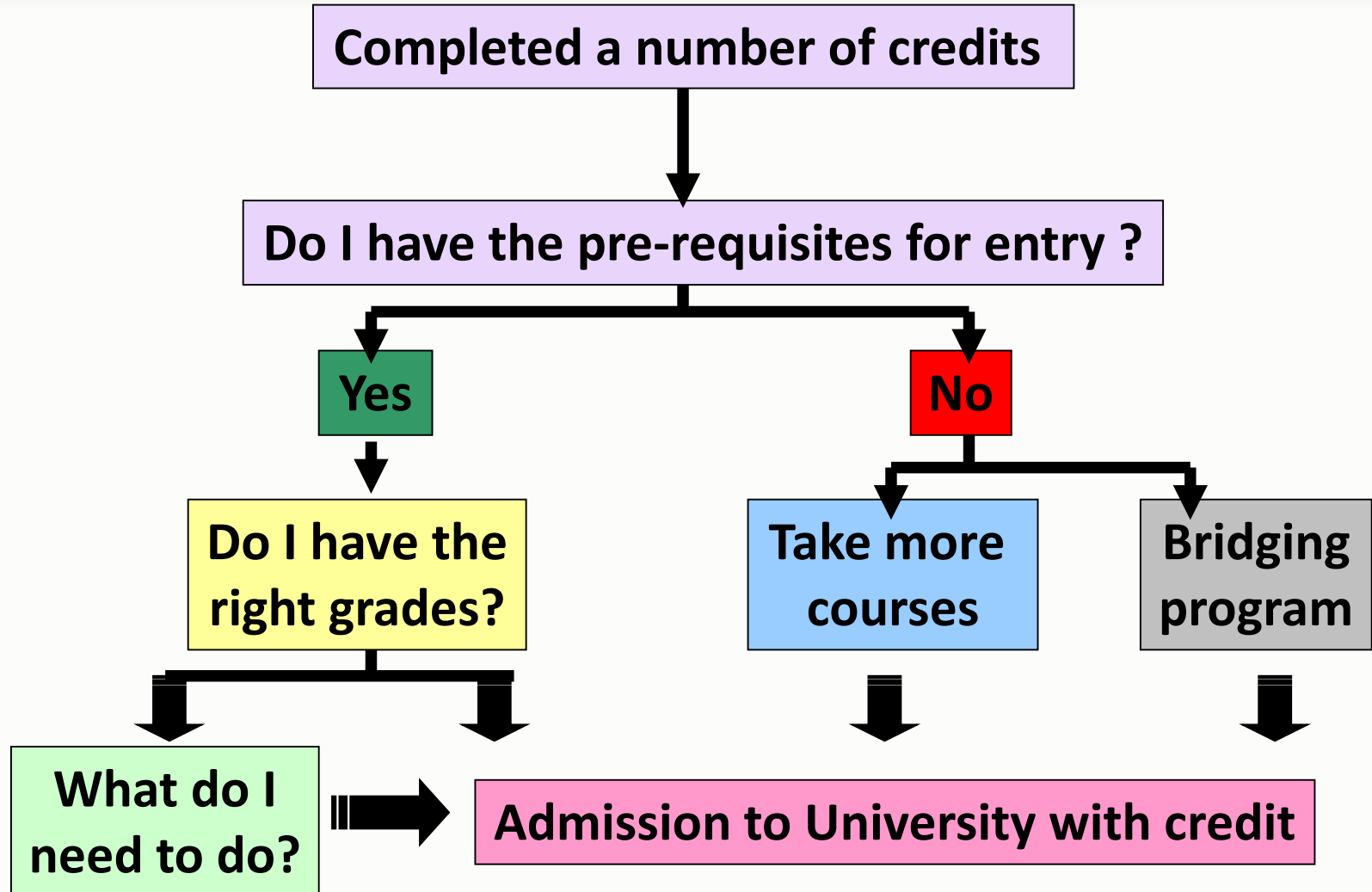
**Completely transferable**



## Bologna Accord / Agreement

- Credit transfer
- 47 countries
- Principles for agreement
  - Reduce the length of the European model for degrees
  - Open the possibility of mobility
- The challenges for Ontario
  - System based on credits or learning outcomes
  - Could it work here for training and education ?





## Re-think the paradigms

- New concept of a joint degree
  - Change the time-frame
    - Combination of on-line in the work place
    - And regular classes
- Change the intensity
  - Use concepts of three year general degree
  - Fourth year could be either
    - Academically intensive
    - Vocational training















**Thank you .....**

