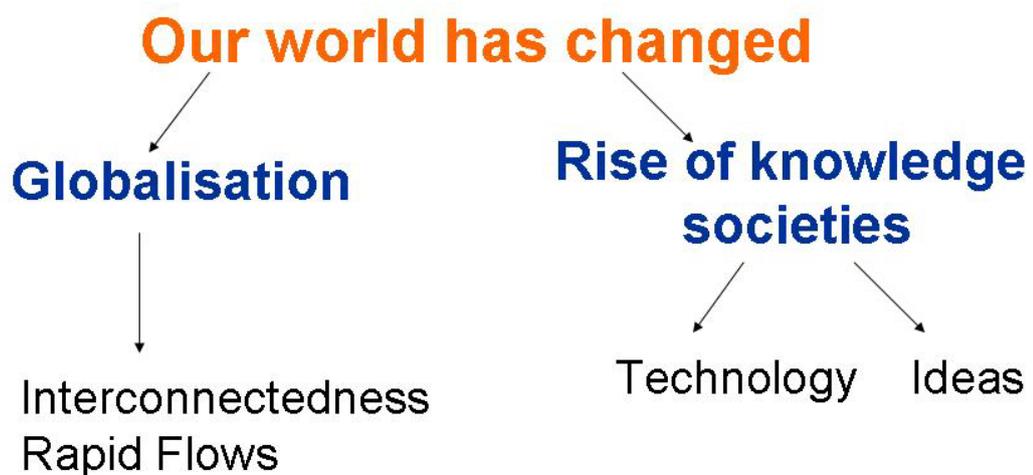


Graduate Education for a Globalised World

TAN Thiam-Soon 陈添顺
Vice-Provost (Education) 副教务长(教育)
National University of Singapore
新加坡国立大学



Major shifts in the educational landscape ..



Major shifts in the type of economies..

Singapore's experience:

| | | |
|-------------|---|-----------------------|
| 1960s | - | Labour Intensive |
| 1970s | - | Skills Intensive |
| 1980s | - | Capital Intensive |
| 1990s | - | Technology Intensive |
| 2000s | - | Knowledge Intensive |
| Next Decade | - | Innovation Intensive? |

What should our graduates be prepared for?

- **A 'lifetime of careers' and not a 'career-for-life'**
 - In-demand jobs of the future may not exist today
- **Research on minute (Nano, Bio, Info) but key challenges are Giga-scale and highly complex**

Globally Competitive Students

- Creative and Critical Thinkers
- Well-rounded mind and character
- **Resourceful and enterprising spirit – Agility**
- Effective communicators
- **Global citizens – Multi-cultural and interconnected**
- Constructive and responsible members of a community - Integrity



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The 'Global' University

The concept of a 'Global' University

- Global vision
- Recruits worldwide
- Innovates education for a globalised world
- Research impact
- Uses & sets international benchmarks
- Node in influential global networks
- Thought leadership

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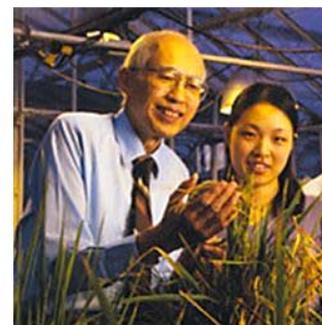
QUIZ: Which of these research labs are in (1) US; (2) China; (3) Singapore?



A



B



C

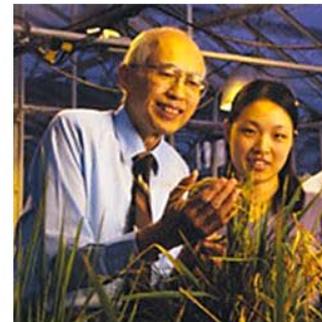
8



Tsinghua,
China



NUS,
Singapore



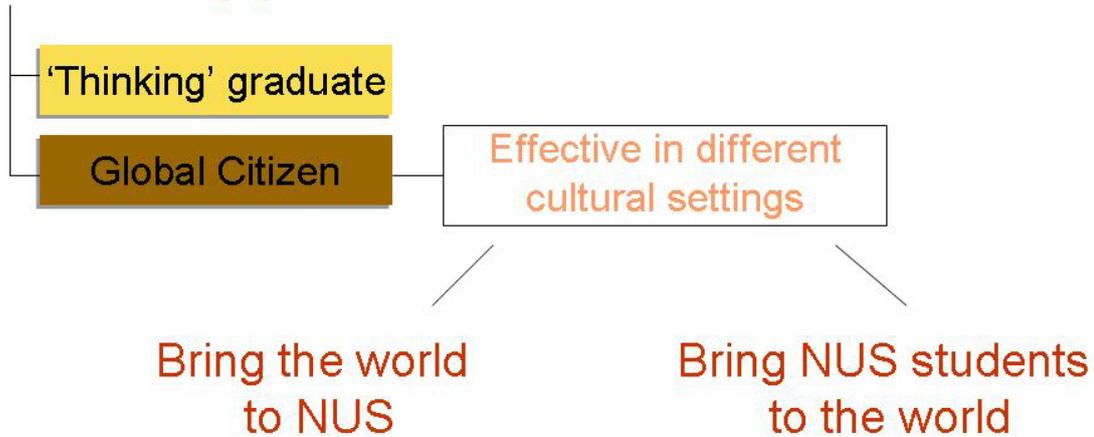
Cornell,
US

Clearly, the graduates of such a school will be prepared for:

Global settings
and not just
'Local settings'

And they have to be:
effective in diverse cultural settings
in a globalised world

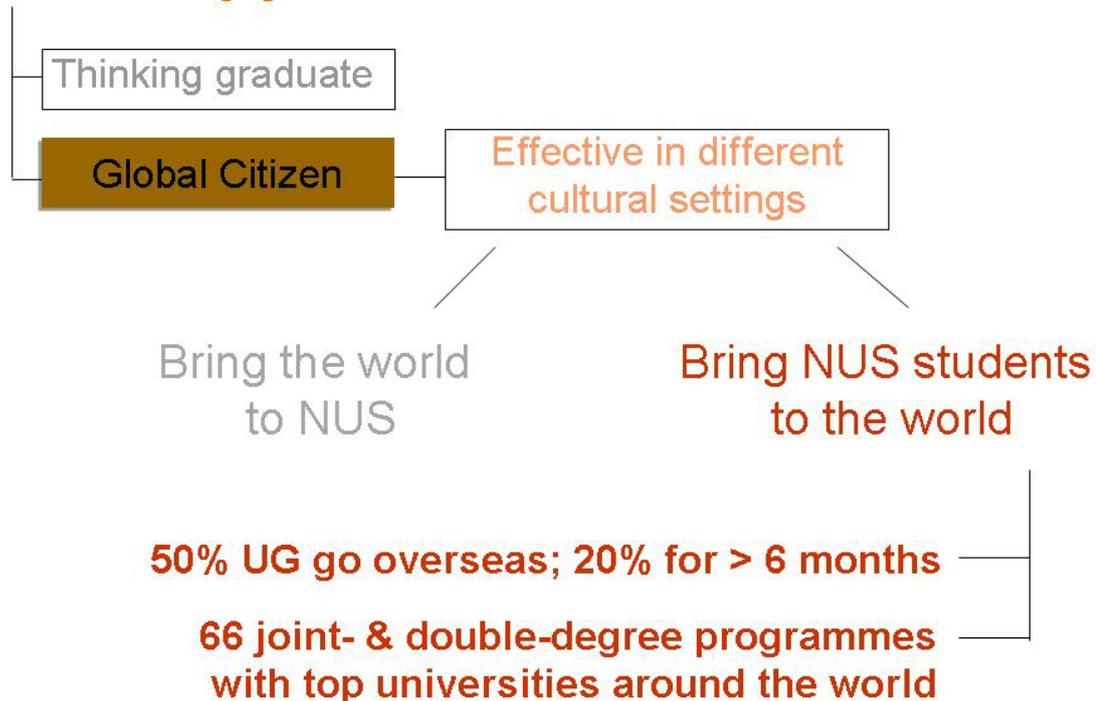
NUS' approach



NUS' approach



NUS' approach



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Joint PhD: IIT (Madras, Bombay and Kanpur), King's College London, UIUC, Technical University of Denmark, Ecole Supérieure d'Electricité (Supelec), Karolinska Institutet (KI), ANU

DDP: Master in Public Policy and Master of Public Administration

LKYSPP – Columbia University

LKYSPP – LSE

LKYSPP – Sciences Po, Paris

Double Master Degree in Law
New York University

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NUS' approach



Global financial and economic crisis → importance of being able to detect risks and opportunities and the courage to act before others.

At ease with the un-knowable; and the courage to change course → the Explorer Spirit.

*Not a traditional strength of our system!

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Developing the Explorer spirit



Learning outside the classroom



'Can-do' attitude
Resilience to rapid change
People-skills

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NUS' approach



NUS Overseas Colleges

Experiential entrepreneurship education

Immersing NUS students in leading entrepreneurial hubs around the world.

- ONE year
- Full-time interns in high-tech startup/innovative companies
- Learn from the founders & entrepreneurs
- Take courses at partner universities



Six NUS Overseas College (NOC)

NOC in Silicon Valley (2002)

- Courses in Stanford
- Focus on tech startups in Silicon Valley



NOC in Philadelphia (2003)

- Courses in UPenn
- Focus on bio/med tech



NOC in Shanghai (2004)

- Courses at Fudan University
- Focus on China-related business



NOC in Stockholm (2005)

- Courses at KTH Royal Institute of Technology
- Focus on mobile/IT with European perspective



NOC in Bangalore (2008)

- Courses at the Indian Institute of Science
- Focus on understanding/engaging India



NOC in Beijing (2009)

National University of Singapore

A global, research-intensive University centred in Asia

THANK YOU

DUKE-NUS @
Outram Campus



Bukit Timah
Campus



Kent Ridge
Campus

