

Building Research Universities of the Future: The **Shih's** Approach

Teck-Hua HO

Deputy President (Research and Technology)
Tan Chin Tuan Centennial Professor



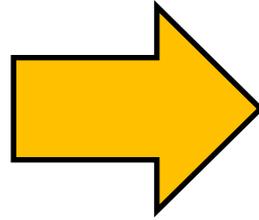
Transforming NUS into a Global Knowledge Enterprise

"Our challenge is to provide the environment and the means for knowledge to grow and ferment. We must rise to this challenge because this knowledge enterprise, like so many other enterprises, is rapidly becoming globalized. NUS will be competing with the best universities in North America, Europe, Australia and Asia.....

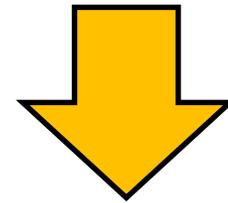
We must compete in the international arena. Our academic programmes and research initiatives must be evaluated by international benchmarking. Only then will our aspiration to become a knowledge enterprise be fully realized."

Inaugural address by Shih Choon Fong, Vice-Chancellor, NUS on 1 June 2000





Research

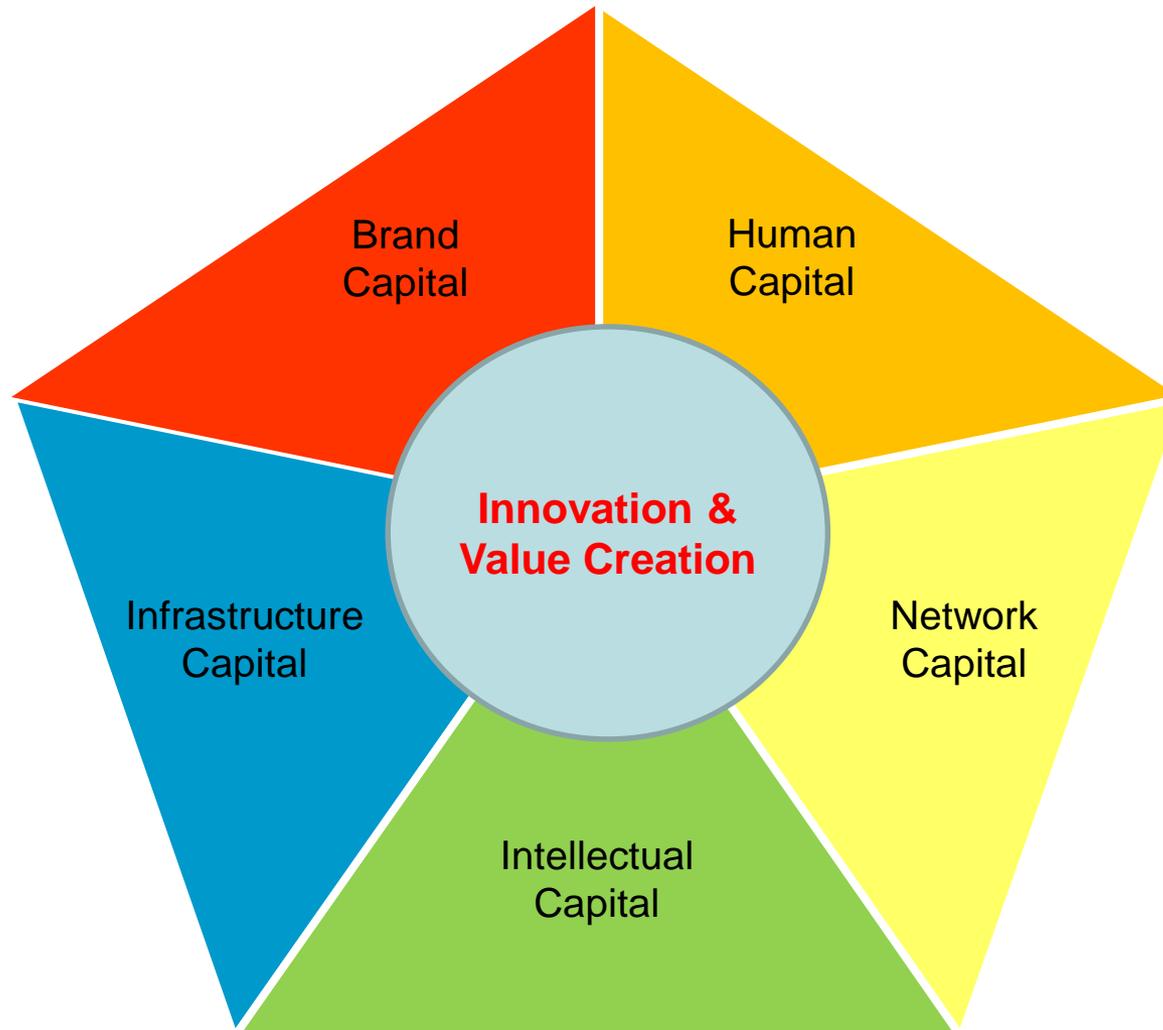


VALUE
CREATION



a better
society

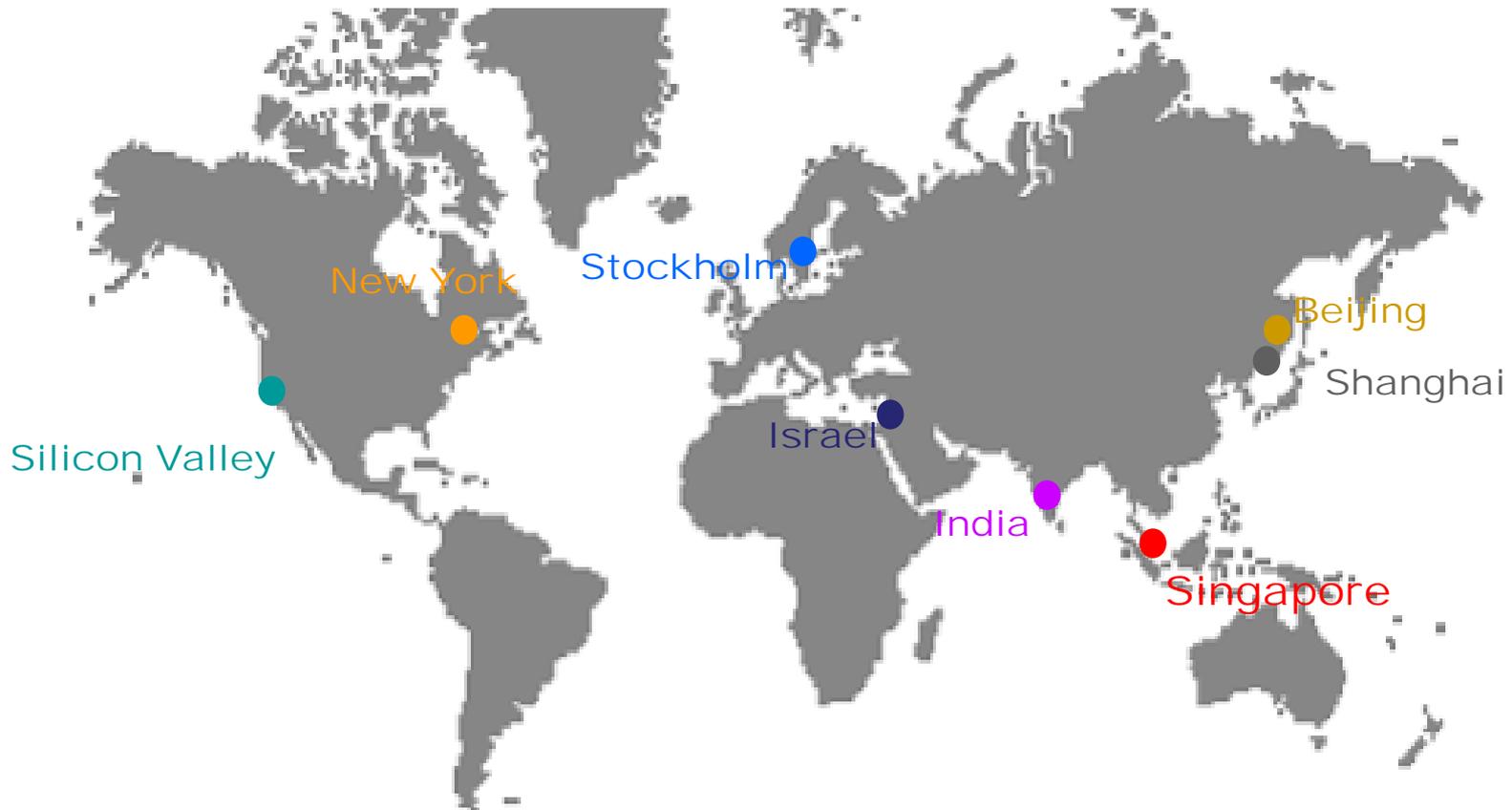
Research-Intensive Universities Provide Critical Value Creation Enablers



The Shih's Approach:

**“No walls” to education,
innovation, and international
collaboration**

No walls to innovation: NUS Overseas Colleges (NOCs)



Internships at some of the world's most exciting entrepreneurial hubs

Study programmes at prestigious partner universities

“No walls” culture with international collaboration

IARU

International
Alliance of
Research
Universities

APRU

Association
of Pacific
Rim
Universities



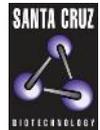
DUKE  **NUS**
GRADUATE MEDICAL SCHOOL SINGAPORE

YSTCM
YONG SIEW TOH
CONSERVATORY
of MUSIC

NUS established this in collaboration with the
Peabody Institute of the John Hopkins
University

Brand and Network Capital

“No walls” culture with industry partners



Brand and Network Capital

“No walls” educational setting – University Town

“Moving beyond lecture theatres and libraries, our students will learn from peers coming from beyond the world in a “no-walls” residential setting. The diversity of disciplines, nationalities, and cultures at each college will help foster openness and global orientation.”

Shih Choon Fong, State of the University Address 2006

- Home to Singapore’s first residential colleges – housing state-of-the-art teaching and learning facilities.
- Home to CREATE (Campus for Research Excellence and Technological Enterprise), housing research centres from 9 top universities.

Infrastructure Capital



No walls to talent

- NUS recruited vigorously in the global talent marketplace, benchmarking appointment and promotion criteria against academic and research standards at leading universities overseas.
- From 2000 to 2007, the number of academic staff grew.
 - ✓ The number of full professors increased from 145 to 242.
 - ✓ Research staff almost doubled from 859 in AY2000 to 1666 in AY2007.
- NUS has built up a broad base of talent and expertise built up through investigator-led research across multiple disciplines.
- This provides the wide range of expertise that can contribute to novel approaches and solutions.

Human and Intellectual Capital

Put NUS in the World Map

- Over the past 15 years, NUS has built a strong global reputation that confers significant convening power and makes NUS a preferred partner for collaborations.

TIMES HIGHER EDUCATION

1

Asia
University
Rankings
2016

“

In a global economy characterized by intense competition for talent, ideas and capital, Singapore's universities have also had to re-make themselves to stay relevant and thrive... NUS has undergone a dramatic transformation, from a predominantly teaching institution training competent manpower for Singapore to a research-intensive university respected in the global arena, and from a governance and management system closely aligned to the civil service to one based on performance and global best practice.

”

Shih Choon Fong



Thank You

Questions & Answers

VISION

A leading global university
centred in Asia,
influencing the future

MISSION

To transform the way
people think and do things
through education,
research and service