

Internationalization of teaching and learning: academic staff the world

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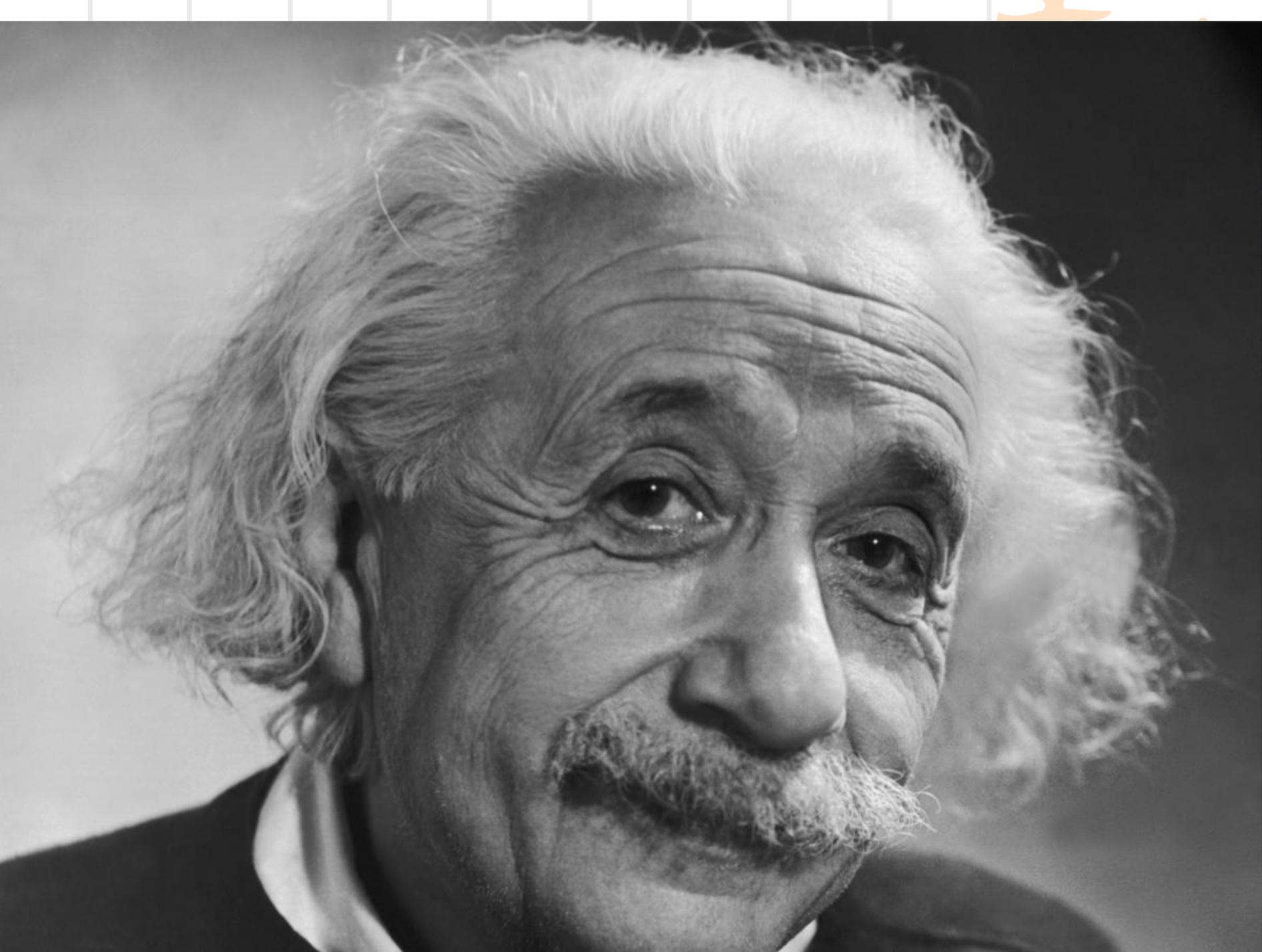
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Acting Director,

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华正中国教育研究中心主任

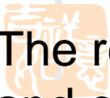




Internationalization of Higher Education: IAU 3rd Global Survey Report



- More central to institution's faculty planning
- Growing importance to HEI leaders
- Student mobility remains an opportunity reserved for the privileged few.
- The report is based on responses from 745 higher education institutions and close to 20 national university associations in 115 different countries.



What have faculty learned?

Internationalization is NOT

- Using English (if learning quality drops)
- Teaching abroad (if there is no value added)
- Adding international content (if no meaning)
- Adding international students (if isolated group)
- **Intercultural/international competence (if untested)**
- More partnerships \neq more international
- **Internationalization \neq AN END IN ITSELF**

Internationalization = Process

As a process, it CAN:

- introduce intercultural, international and global dimensions to higher learning
- improve goals and delivery of curriculum
- upgrades the quality of education & research

■ A process of integration

■ Not an addition in itself

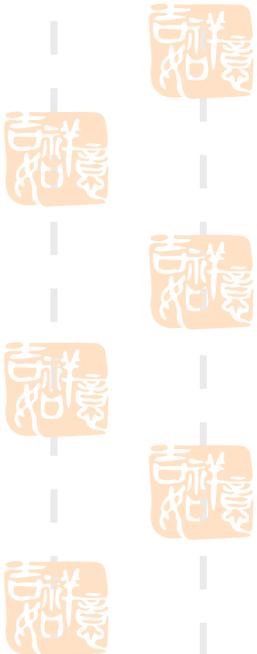
What works for faculty?

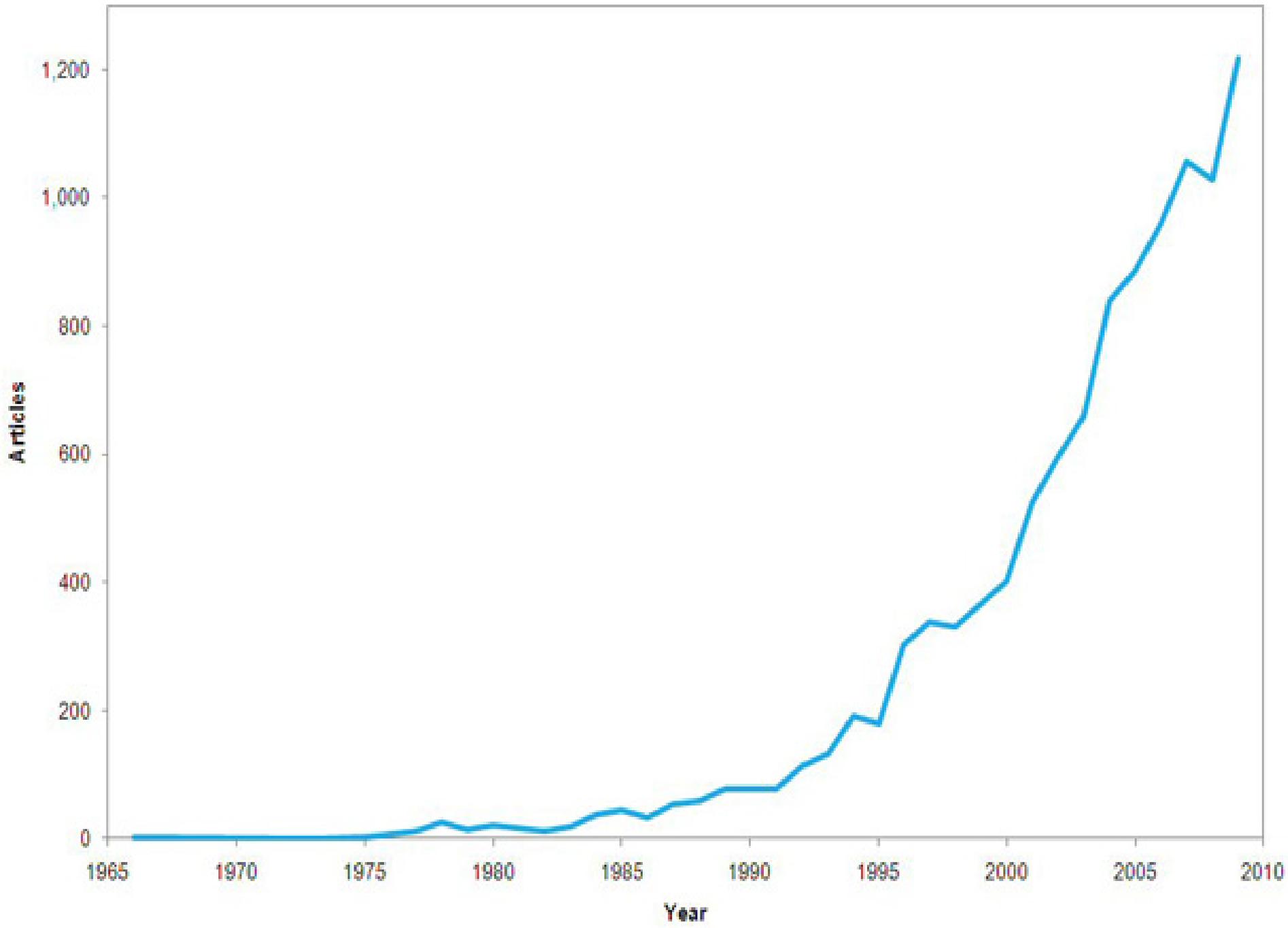
- Build **on top of** national/local context
- Customize the process of integration
- Acknowledge
 - benefits, risks, unintended consequences
- Adhere to values
 - cooperation, respect, partnership, exchange, mutual benefits and capacity building
- Do not built cooperation upon
 - commercialization, self-interest and branding

*“As never before in their long history,
universities have become instruments
of international competition as well
as instruments of peace.”*

Richard Levin, President, Yale University.

Newsweek, Aug. 21-28, 2006





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- Learning and teaching are loosening out to research

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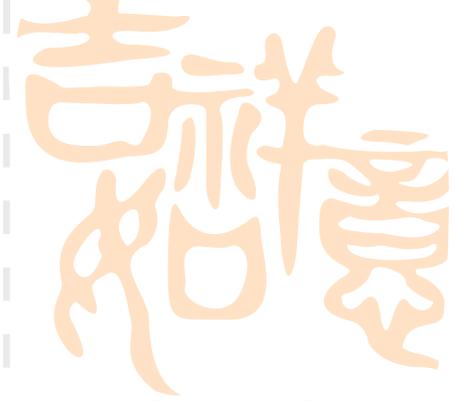
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- importance of knowledge for innovation
- impact of innovation on tertiary education



3 dimensions for faculty to make central to learning & teaching

- new skills and competencies (curriculum)
- new pedagogy (learning & teaching approach)
- innovative use of new technologies

Faculty know graduate employment has changed



- New jobs



- Jobs that are undergoing transformation



Gary Varvel
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CONGRATULATIONS
GRADS

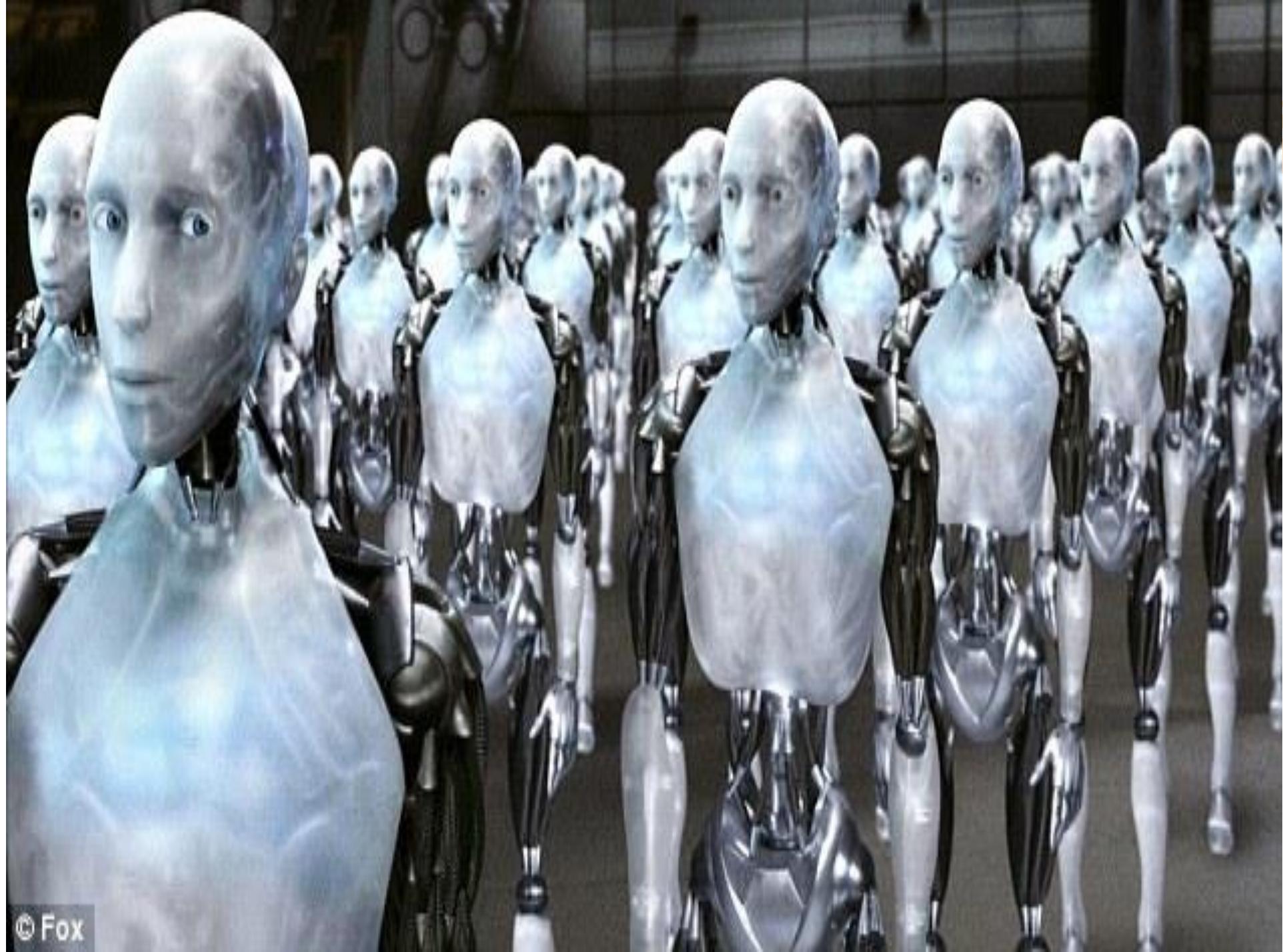


garyvarvel.com

RAVVA











THOMAS L. FRIEDMAN
THOUGHTS OF "WHAT IF?"
TO RUN DINNER PARTIES

A 10TH PLANET?
THERE'S A BIG
RETURN PLUTO

THE NEW YORK TIMES
SATURDAY, OCTOBER 10, 2008
\$5

International New York Times

VW denies
it broke law
on emissions
in Europe



Taliban kill
22 in assault
at Pakistani
university

A deadly deployment, an officer's despair

...test you on ... by far

KAIST KAERI CIRO max



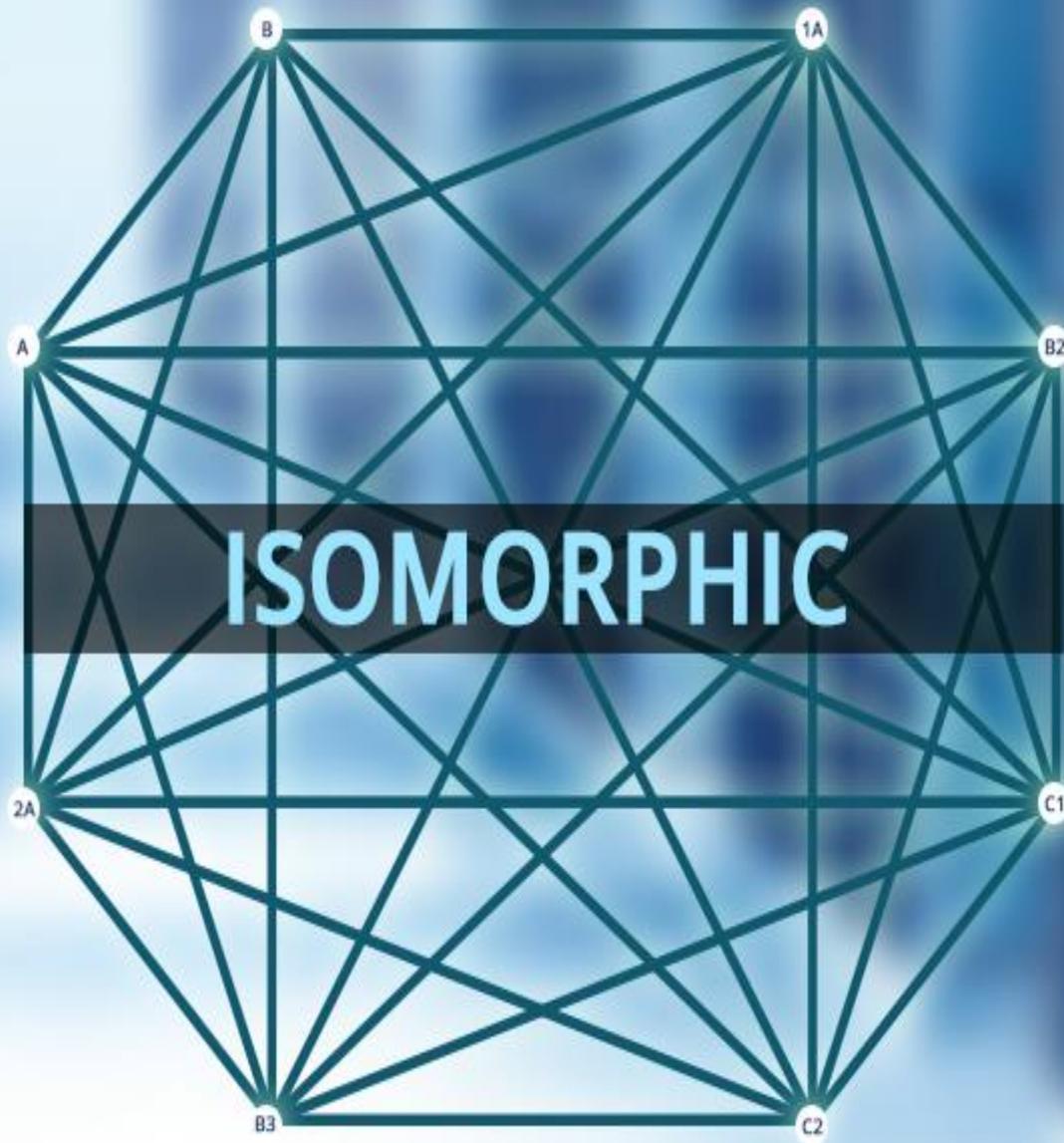
How do we keep up with globalization and internationalization?



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Mod. No 7.





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XINHUANET

China's Academy





MODERN ACADEMY

Plato's Academy

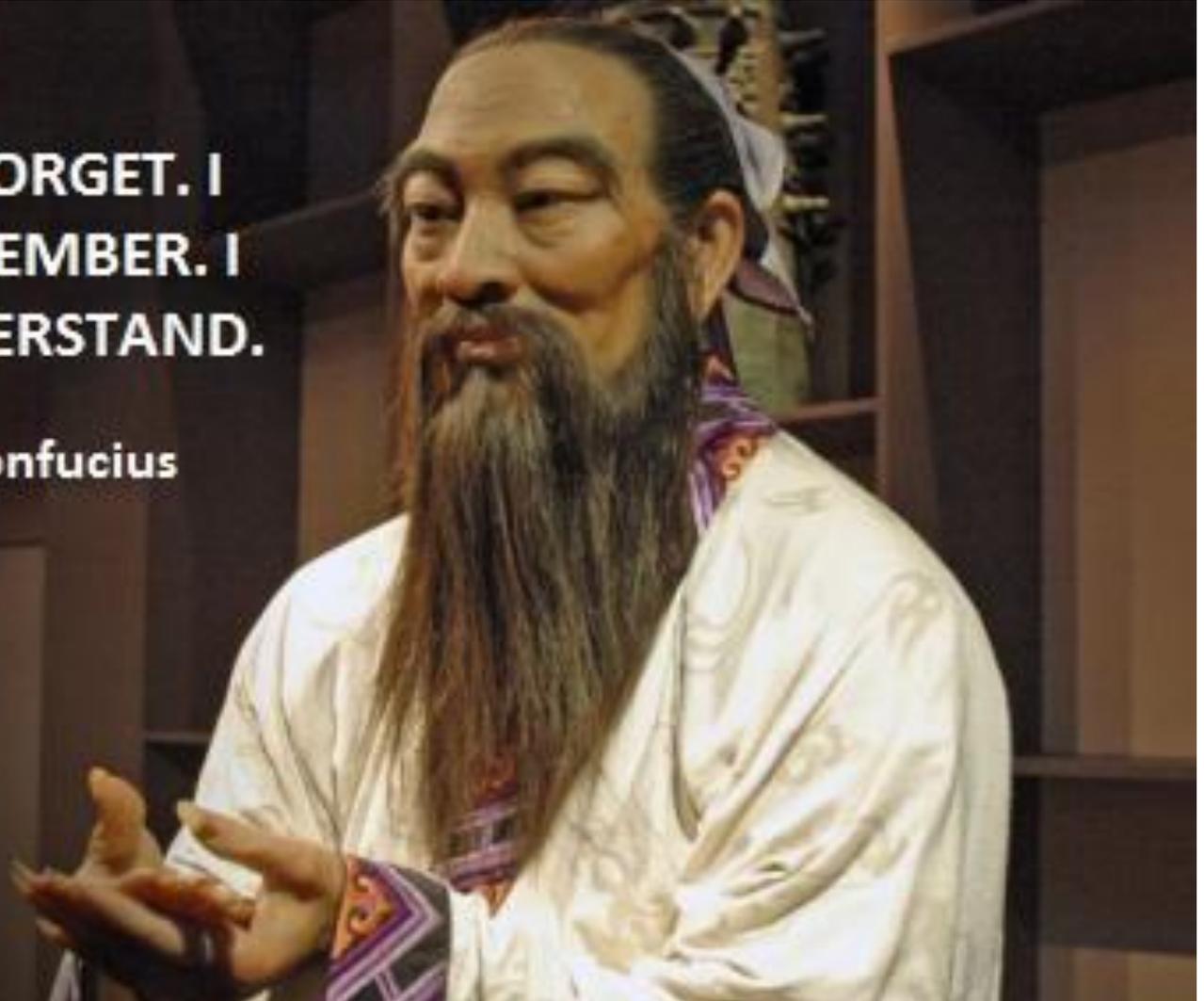
Raphael



The Confucian Academy

I HEAR AND I FORGET. I
SEE AND I REMEMBER. I
DO AND I UNDERSTAND.

-Confucius



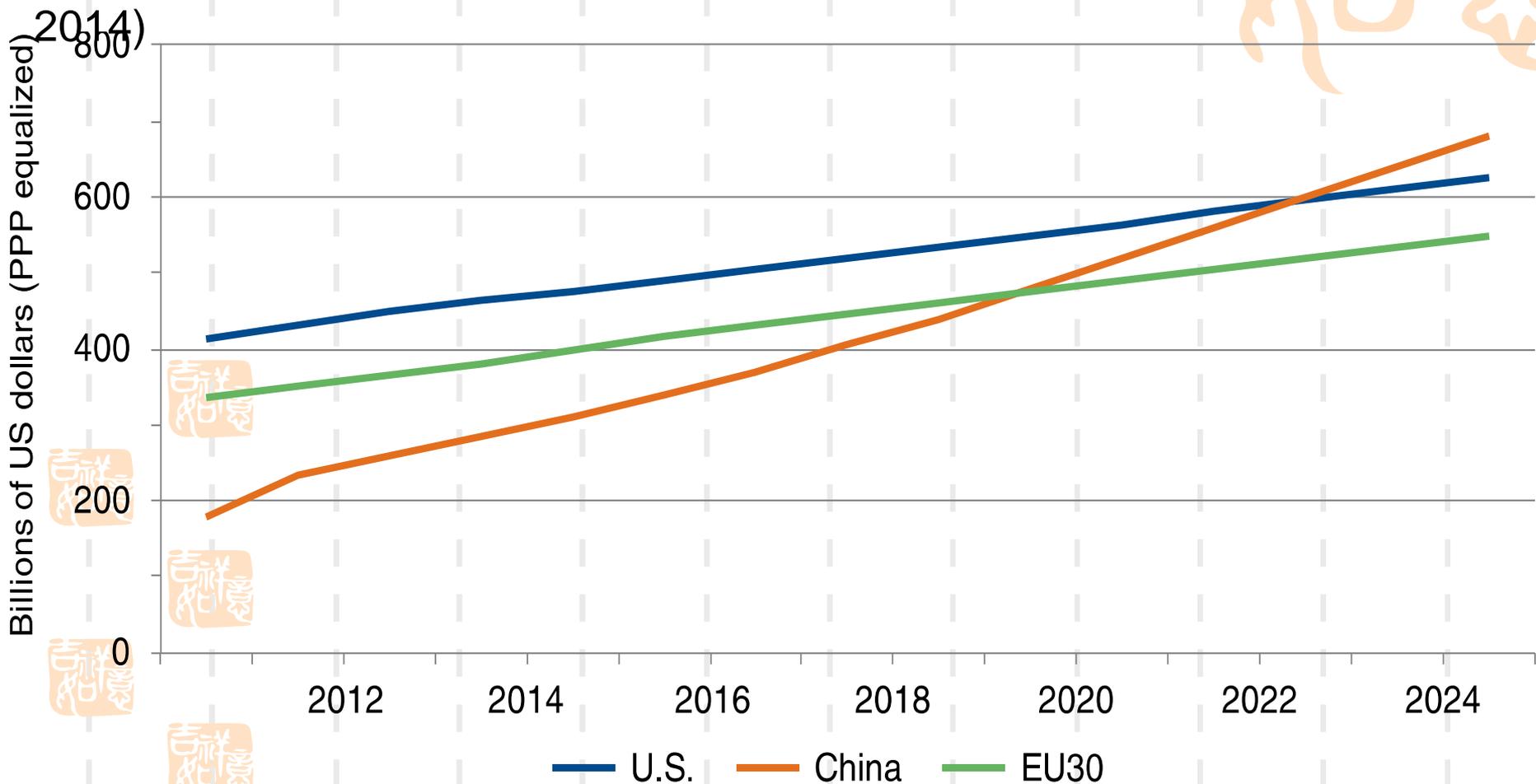
China's universities



- Rising world class
 - Times Higher Education
 - PKU (international?) passes HKU
- Most students
- World #2
 - GDP for R&D
 - Scientific publications
- Shanghai PISA
- Sino-foreign Universities



R&D Funding Forecast (Battele and R&D Magazine)



Source:

The result of China's opening and reform for higher education has been an intellectual vitality that may be as broad and deep as the Western Renaissance.

Ezra Vogel, Ford Professor of Asian Studies,
Harvard University, *Washington Post*, Dec 5, 2003



...ould and will happen' Jason Burke, Observer

FAREED

ZAKARIA

THE

POST-

AMERICAN

WORLD

And the Rise of the Rest

THE INTERNATIONAL BESTSELLER



THE POST-AMERICAN
WORLD
FAREED ZAKARIA



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MARTIN JACQUES

WHEN CHINA RULES THE WORLD

THE RISE OF THE MIDDLE
KINGDOM AND THE END
OF THE WESTERN WORLD

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CHINA

Foreword by John L. Thornton Introduction by Cheng Li

2020

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A New Type of Superpower

Hu Angang

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对话
中国模式

对话：中国模式

DIALOGUE
THE
CHINA MODEL

对话

中国模式

(中) 赵燕正 (美) 约翰·奈斯比特 (奥) 多丽丝·奈斯比特

中国公共外交力推者与美国未来学家首度思想碰撞

新世界出版社
NEW WORLD PRESS

对话
中国模式

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吉祥

「海外看中国」丛书

中国模式

海外看中国崛起

王辉耀◎主编

HAIWAI KAN JIANGUO JIQU

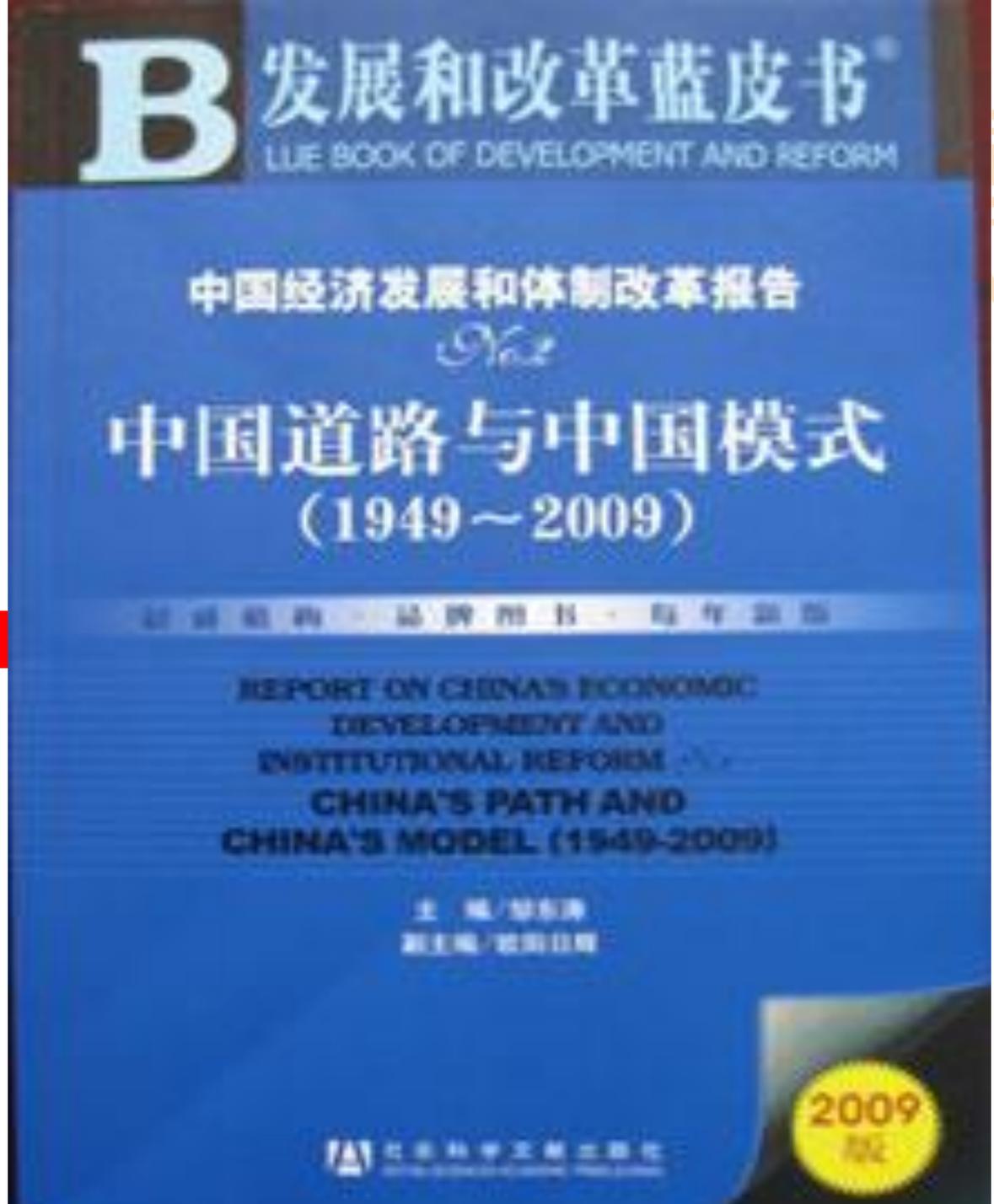
凤凰出版社
出版

The China Model:
How China's Rise
is viewed from overseas

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Annual Blue
Book of
Development
and Reform:

China's Road
and the
China Model
1949-2009





CIGIT

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机器人



世界

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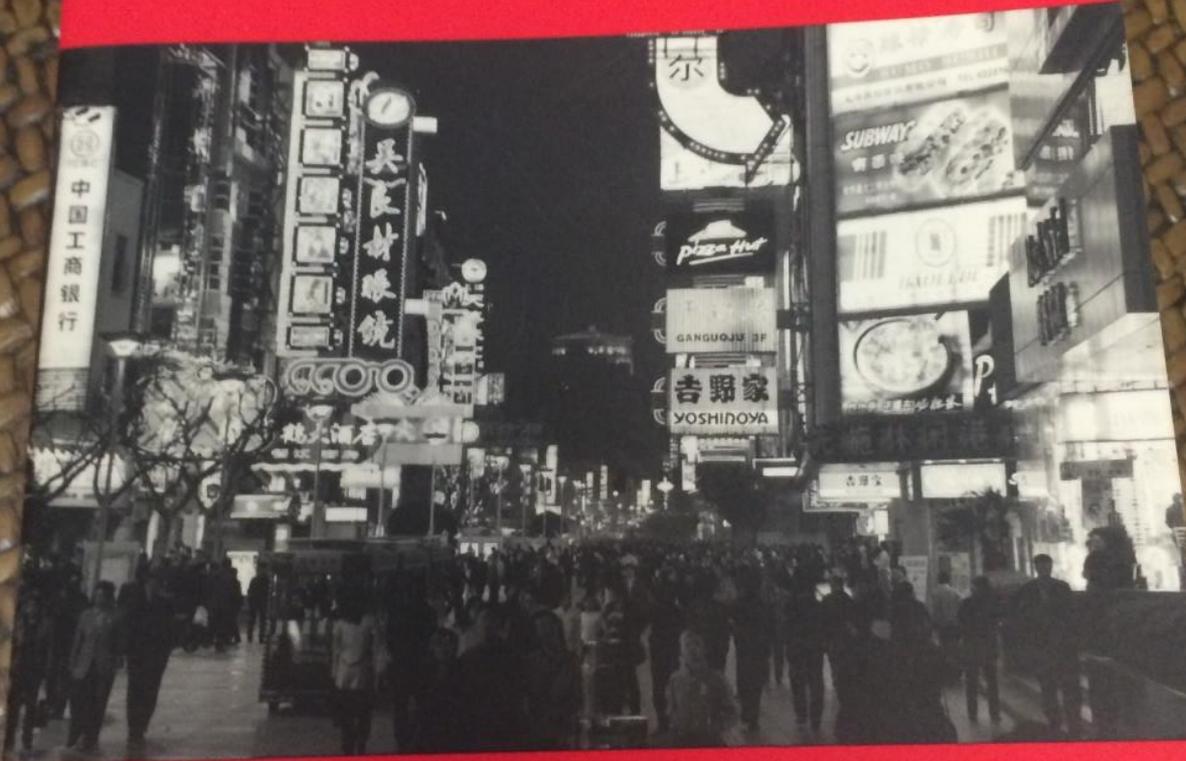
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Going global



REGIONS

China and Globalization



The Social, Economic, and Political
Transformation of Chinese Society



SHAMBAUGH

CHINA GOES GLOBAL

THE PARTIAL POWER



DAVID SHAMBAUGH

CHINA GOES GLOBAL

中国

走向世界

中国

走向世界

中国

走向世界

中国

Sino-foreign faculty cooperation

吉祥如意





A large, dark grey rectangular sign stands in the foreground. The sign features the university's name in Chinese characters and English. In the background, a multi-story building with a grid of windows is visible, partially framed by several tall, thin vertical poles. The ground in front of the sign is covered with dark gravel and some sparse vegetation.

西安利物浦大学
Xi'an Jiaotong-Liverpool University

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Duke

昆山杜克大学

KUNSHAN UNIVERSITY



**2000+ foreign
degree
programs in
China**

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HONG KONG SAR

38 degree programmes

UIC

CUHK

HKUST



Xiamen University in Malaysia



Tsinghua University in Seattle, USA



- A=local academic staff teaching
- B= non-local academic staff teaching



智慧

$$A + B = A$$

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B



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$$A + B = A + B$$

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$$A + B = Ab$$

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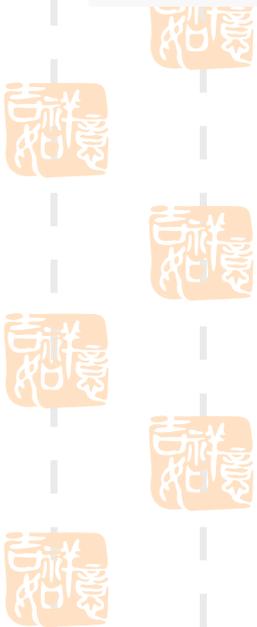
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$A+B=A+B+A(B)+B(A)+A(b)+B(a)+AB+Ab+Ba$

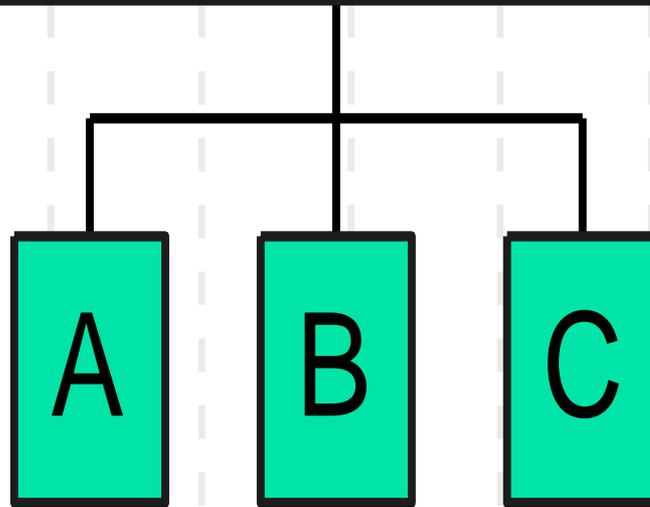
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$$A+B+C=A(B+C)+B(A+C)+C(A+B)$$



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International faculty movement toward the liberal arts movement in

21st-Century Skills

Foundational Literacies

How students apply core skills to everyday tasks



1. Literacy



2. Numeracy



3. Scientific literacy



4. ICT literacy



5. Financial literacy



6. Cultural and civic literacy

Competencies

How students approach complex challenges



7. Critical thinking/
problem-solving



8. Creativity



9. Communication



10. Collaboration

Character Qualities

How students approach their changing environment



11. Curiosity



12. Initiative



13. Persistence/
grit



14. Adaptability



15. Leadership



16. Social and cultural awareness

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Foundational Literacies

How students apply core skills to everyday tasks



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grit



14. Adaptability



15. Leadership



16. Social and cultural awareness

Lifelong Learning

“Although humans make sounds with their mouths and occasionally look at each other, there is no solid evidence that they actually communicate among themselves”





“The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn and relearn.”

Alvin Toffler



Internationally transmittable new pedagogical approaches



- varied modalities for learning
 - active, interactive, collaborative & experiential



■ Age matters as learning architecture changes



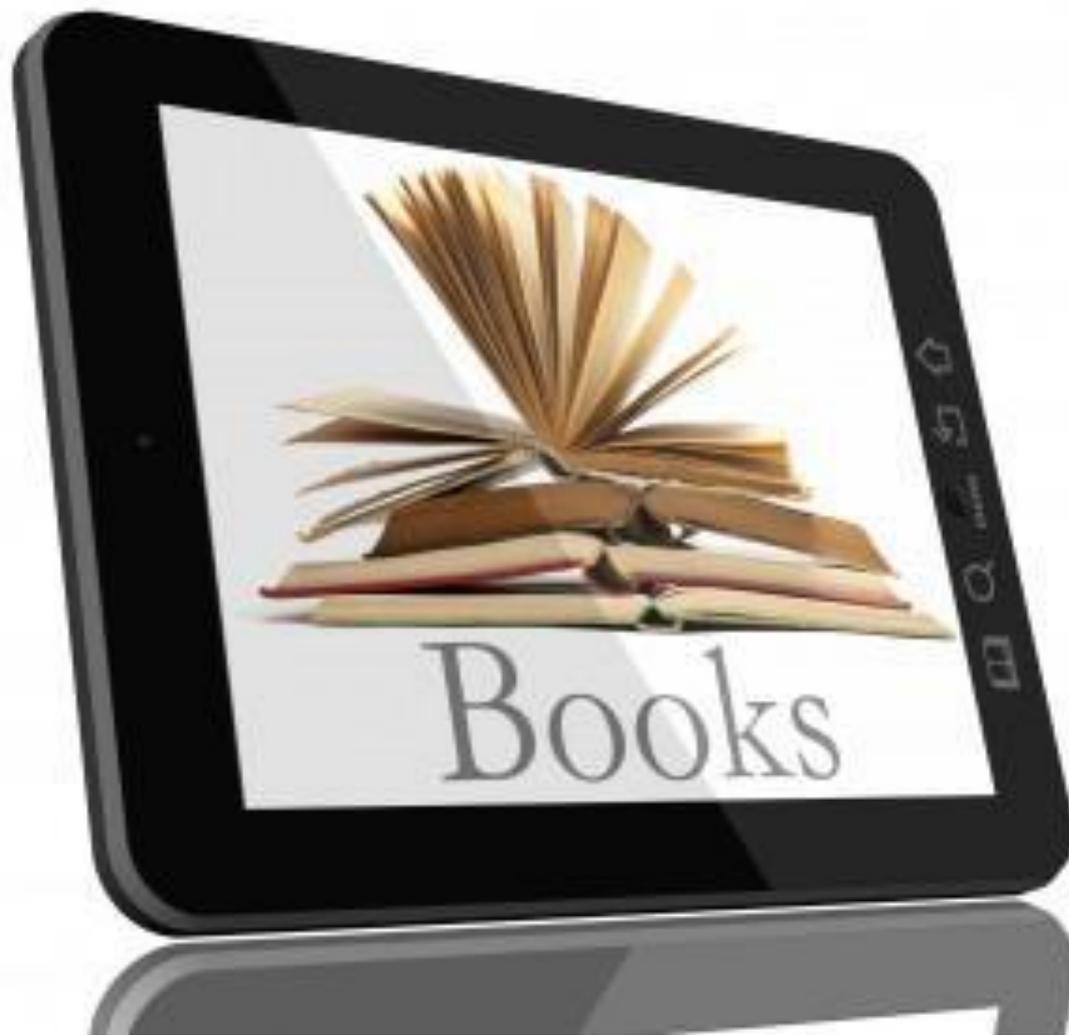
Library of UM Professor

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Library of 21st century professor

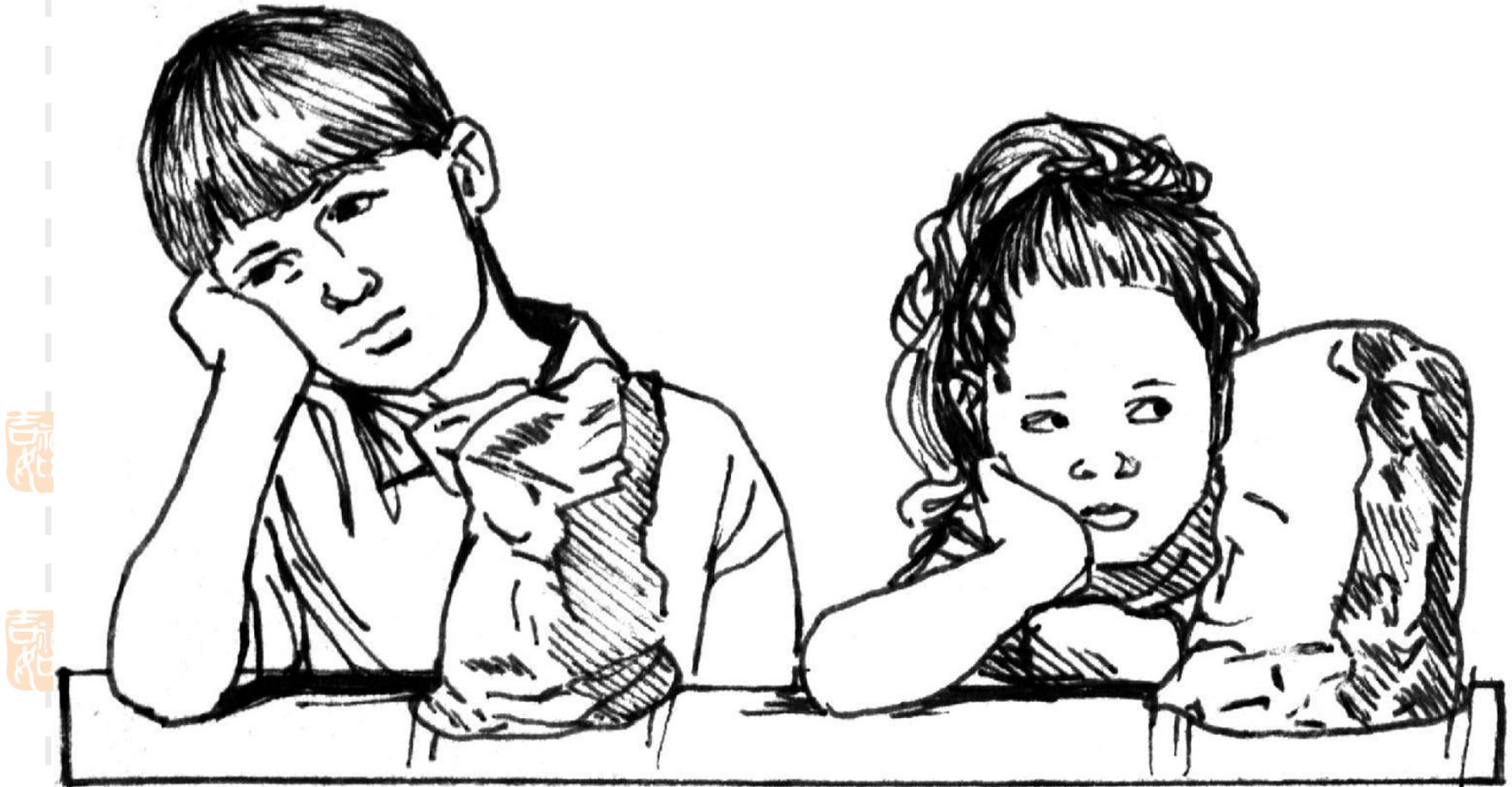
智





21st century learning is no longer
a spectator sport

吉野





The "Flipped" Classroom



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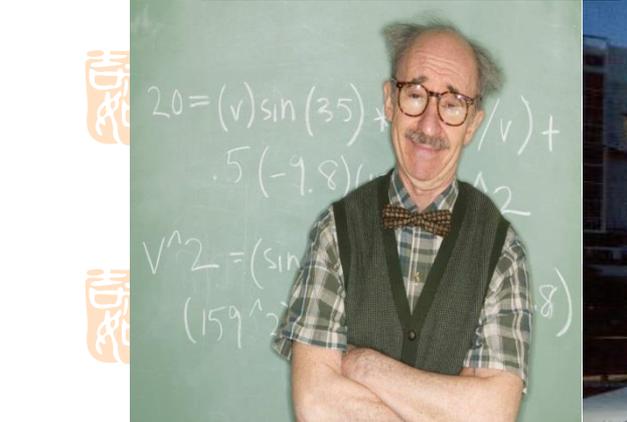
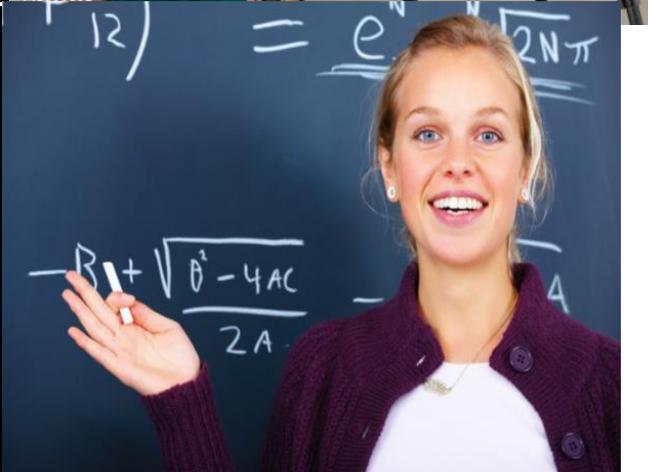
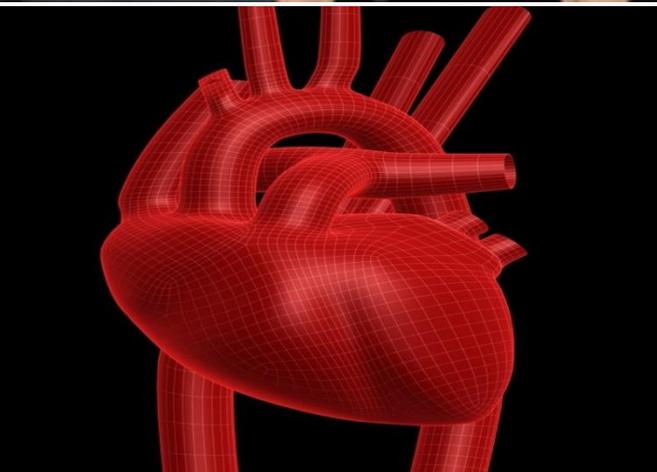
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Internationalization of faculty =
“average is over”

The academic profession





International citizenship



- Most countries
 - academics are citizens of the country.
 - USA only 9% are not citizens



Hong Kong, China

- 43% of academics are not SAR citizens



Academics everywhere say:



emphasize international in their
teaching & research



Chapter 4

Internationalization of the Academy: Rhetoric, Recent Trends, and Prospects

William K. Cummings, Olga Bain, Gerard A. Postiglione, and Jisun Jung

4.1 Introduction

... primarily situated in particular nations.

Table 4.15 Percent of academics who indicate they have taught abroad by country and year range of first academic job

Country	Year range			
	2000–2007	1990–1999	1980–1989	Before 1980
Australia	14	16	17	16
Brazil	3	7	6	3
Germany	8	14	21	17
Hong Kong	7	9	14	22
Japan	3	3	6	5
Korea	5	11	11	11
Mexico	5	7	7	9
Netherlands	9	16	18	16
UK	10	13	17	19
USA	9	10	12	12

Source: CAP data March 2011

Table 4.14 Percentage of academics who strongly agree that they “emphasize international content or perspectives” in their courses by country and year range of first academic job

Country	Year range			
	2000–2007	1990–1999	1980–1989	Up to 1979
Australia	28	32	36	45
Brazil	19	26	26	25
Germany	22	31	31	38
Hong Kong, China	26	28	33	39
Japan	18	22	19	21
Korea	23	21	22	16
Mexico	42	42	39	38
Netherlands	15	19	22	26
UK	32	31	24	25
USA	25	24	20	26

Source: CAP data March 2011

While a sizeable number of academics in most countries

Faculty



- Little move toward international content
- Not much change over 15 years
- Much rhetoric, little movement.
- No catalyst except more mobility



Offsetting forces



- Drivers:

- globalization and knowledge competition

- Obstacles:

- privatization, cutbacks, regionalism

- Need:

- Re-internationalization movement



Why a HK drop?



- Most international content from foreign born (from selected countries) faculty who could did not localize their curriculum content very well.

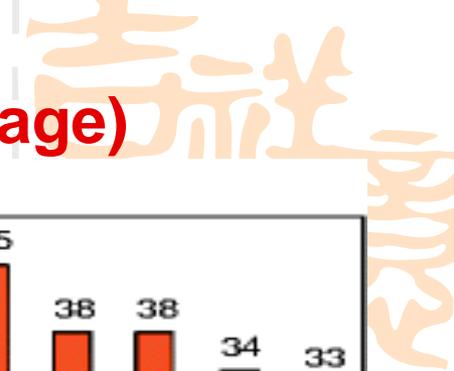


- Locally born faculty localize the curriculum with an international eye.

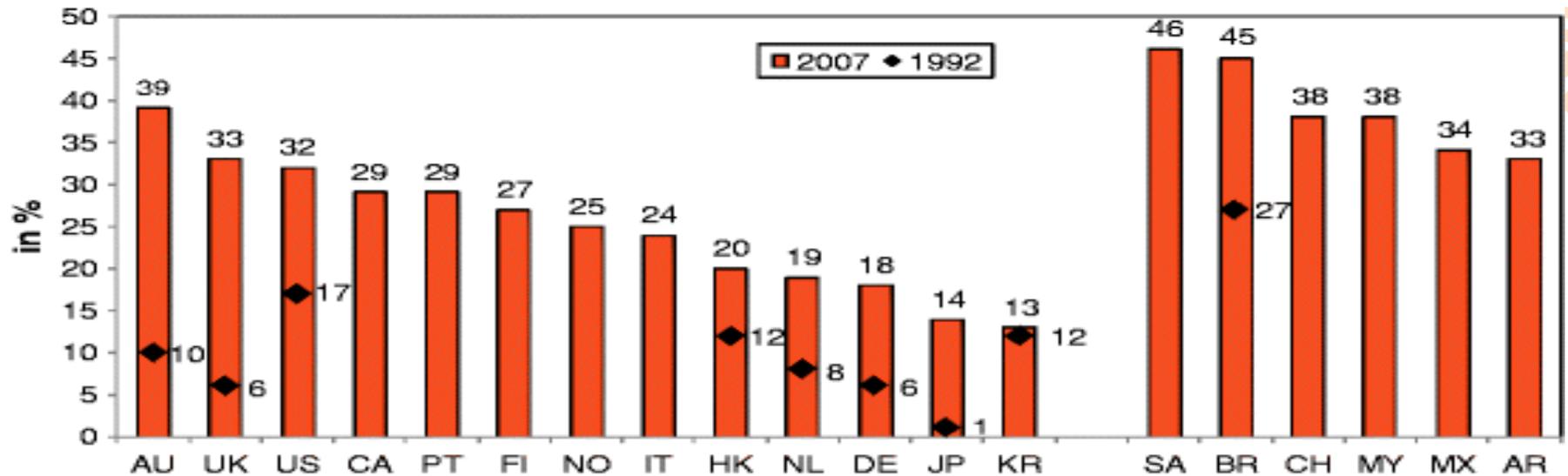


Country	Average age
US	51.8
Japan	51.7
Italy	49.6
Mexico	48.2
Canada	47.4
Australia	47.1
Norway	47.0
Argentina	47.0
Hong Kong	46.4
UK	46.3
Korea	46.1
Germany	45.3
Brazil	44.3
Portugal	43.4
Finland	43.3
Malaysia	39.5
China	38.8
Total	45.5

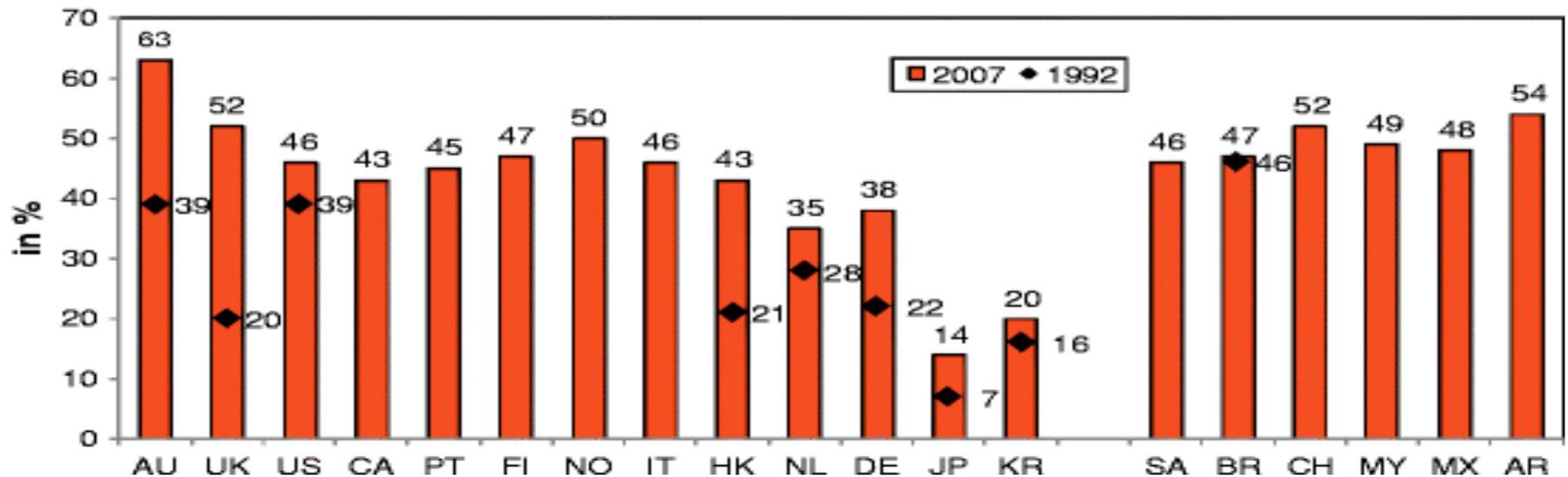
Women academics in 1992 and 2007 (percentage)



a Seniors at Universities



b Juniors at universities



Current citizenship (%)



	Same as current working country	Different as current working country		Same as current working country	Different as current working country
Canada	88	12	Australia	88	12
USA	91	9	Japan	99	1
Finland	94	6	Korea	99	1
Germany	95	5	Hong Kong	57	43
Italy	99	1	China	100	0
Netherlands	90	10	Malaysia	96	4
Norway	79	21	Argentina	99	1
Portugal	98	2	Brazil	99	1
United of Kingdom	81	19	Mexico	98	2

Place of earned doctorates (Hong Kong) # and (%)

	1992	2008
Hong Kong	73 (15.7)	172 (26.6)
UK	147 (31.7)	139 (21.5)
USA	126 (27.2)	185 (28.6)
Canada	46 (9.9)	34 (5.3)
Australia	31 (6.7)	65 (10.1)
France	5(1.1)	7 (1.1)
China	4 (0.9)	15 (2.3)
Japan	4 (0.9)	6 (0.9)
Etc.	28 (5.9)	23 (3.6)
Total	464(100.0)	646 (100.0)

Academic work hours (arithmetic mean of hours per week)

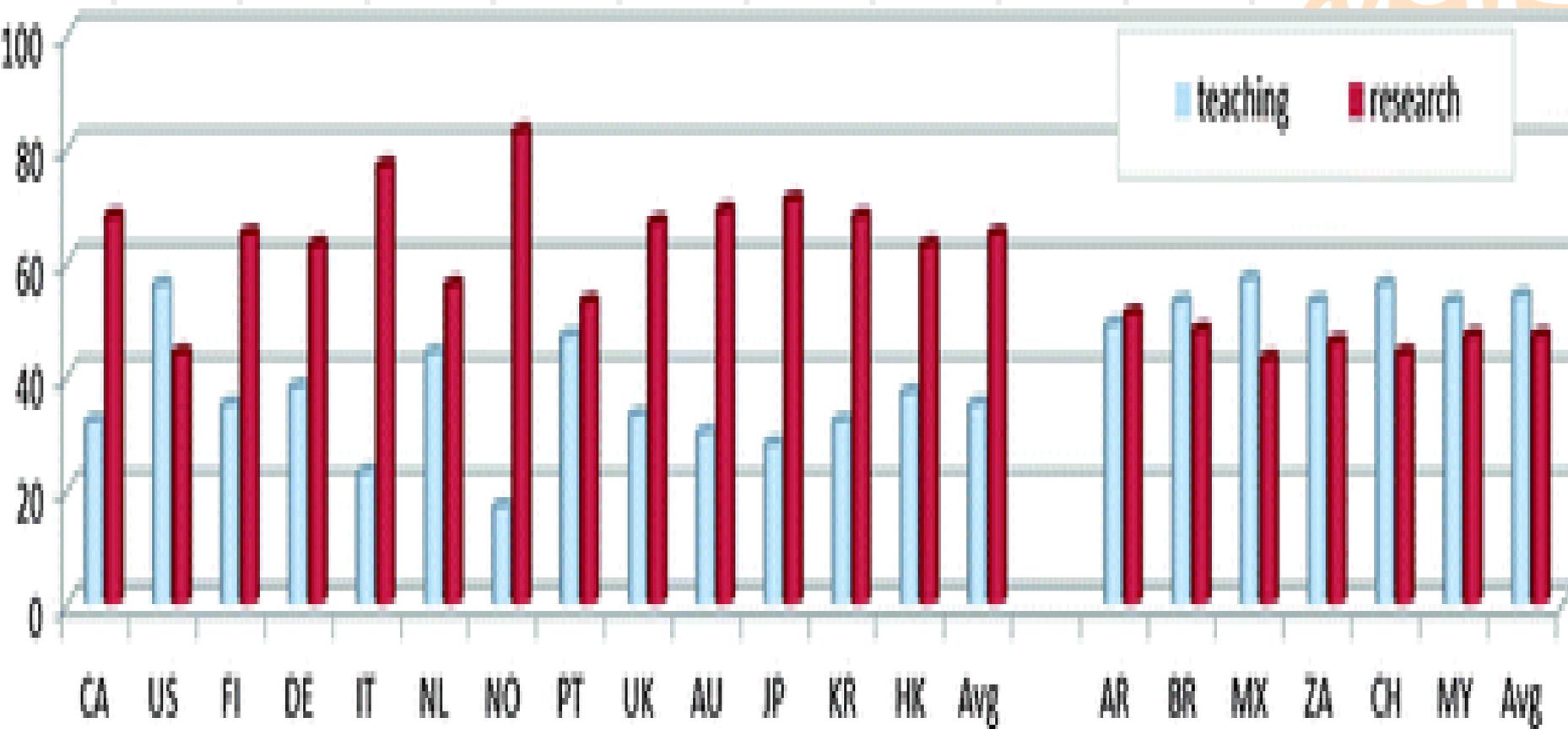


	CA	US	FI	DE	IT	NL	NO	PT	UK	AU	JP	KR	HK	CH	MY	AR	BR	MX	ZA
Teaching	20	21	17	16	19	20	13	20	18	18	20	21	20	19	18	14	20	21	21
Research	16	12	16	16	17	10	14	13	12	14	17	18	14	14	7	16	9	9	9
Admin	8	8	5	5	4	5	5	5	10	9	7	6	8	5	7	4	5	9	7
Service	4	5	2	6	3	2	2	1	2	3	4	5	4	2	3	3	3	2	3
Total	51	49	43	45	45	39	35	41	45	46	51	53	50	41	36	8	39	45	42

• Source: CAP 2007

• CA: Canada, US: USA, FI: Finland, DE: Germany, IT: Italy, NL: Netherlands, NO: Norway, PT: Portugal, UK: United of Kingdom, AU: Australia, JP: Japan, KR: Korea, CH: China, MY: Malaysia, AR: Argentina, BR: Brazil, MX: Mexico, ZA: South Africa

Preference for teaching and research



Aggregated categories (per cent, categories 1 and 2 merged to a single category 'teaching', categories 3 and 4 to a single category 'research').

Question B2: Regarding your own preferences, do your interests lie primarily in teaching or in research?

Key findings for Hong Kong academics

- ▶ Perceive a significant top-down management style in Hong Kong's higher education system
- ▶ Perceive a strong performance orientation in university administration
- ▶ Perceive clear support for academic freedom
- ▶ Experience high stress and high job satisfaction



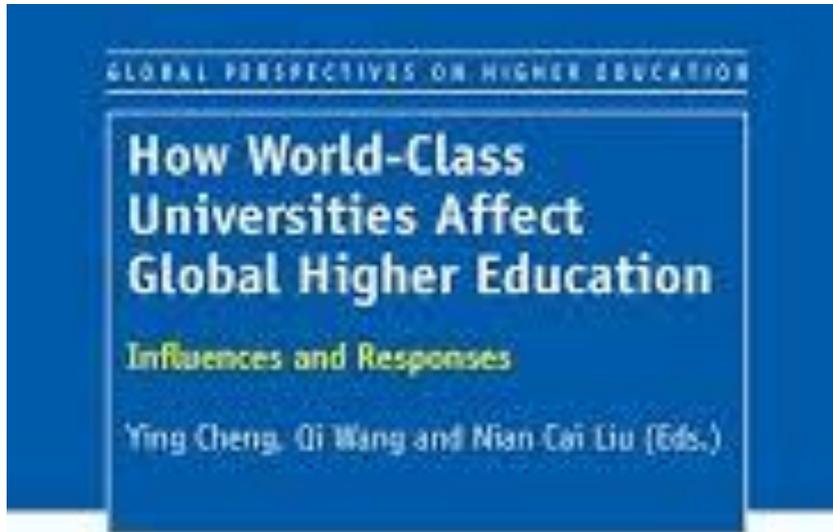
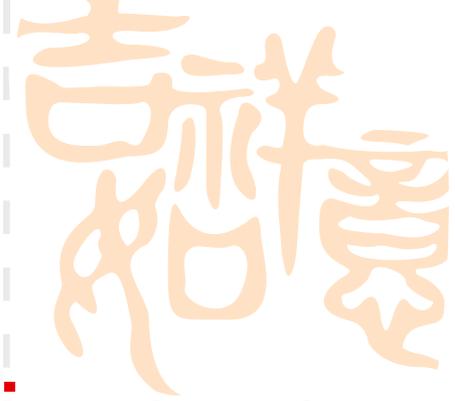
Improve alignments through global and cross-border integration











Postiglione, G.

What Matters in Global Outreach?:

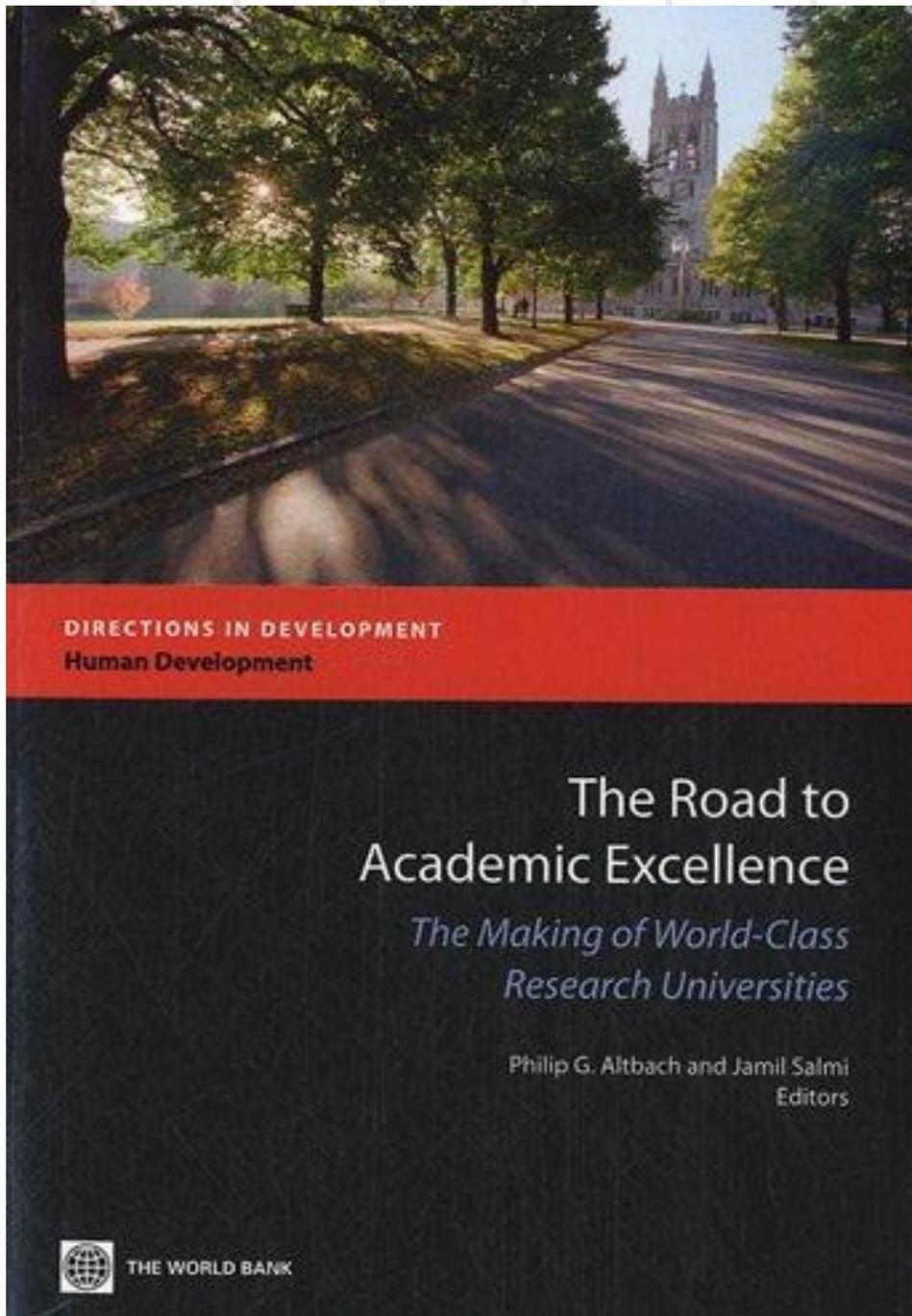
The Case of HKU



<http://web.edu.hku.hk/f/acadstaff/363/WCU%205%20%20Wh at%20Matters.pdf>

吉祥慶

- Postiglione, G. The Case of HKUST



Sample of the survey

Country	Sample	Country	Sample
Argentina	826	Korea	900
Australia	1370	Malaysia	1220
Brazil	1147	Mexico	1973
Canada	1152	Netherlands	1167
China	3612	Norway	1035
Finland	1452	Portugal	1320
Germany	1265	South Africa	749
Hong Kong SAR	811	United Kingdom	1565
Italy	1701	United States	1146
Japan	1408	Total	25819