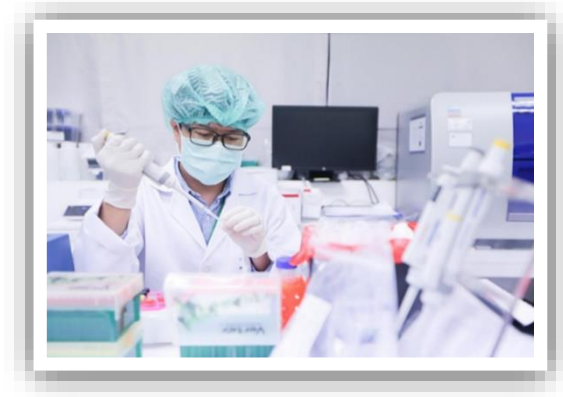




**World Class University & Ranking**







**Health Literacy**



**Internationalization Literacy**



**Digital Literacy**



**Environmental Literacy**



**Financial Literacy**



EdPEX

























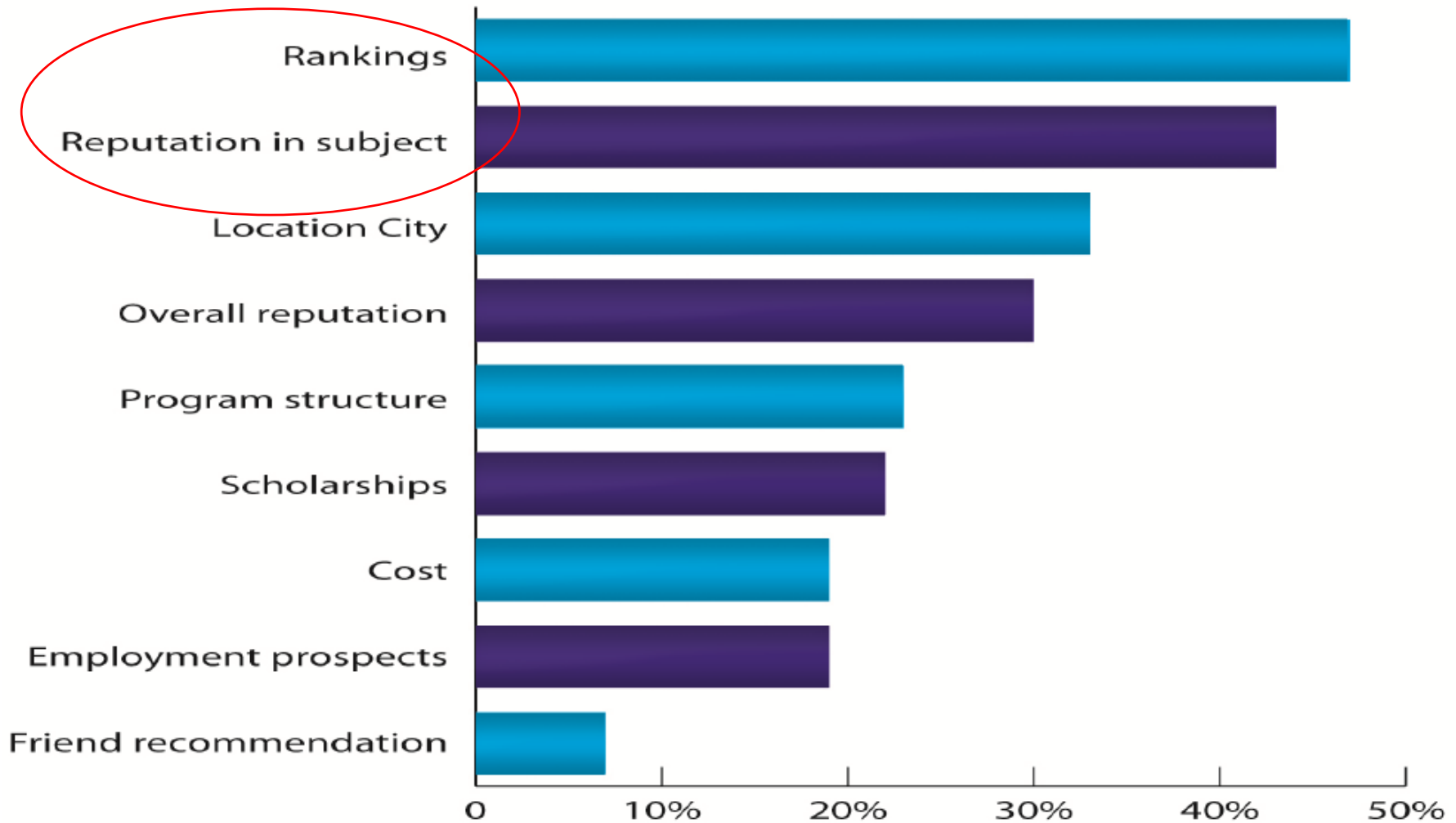
**Teaching & Learning**  
**Research & Innovation**  
**Kn Tx & Social Contribution**

**MU Core Value**  
**21<sup>st</sup> Century Skills**  
**Quality Curriculum**  
**Entrepreneurial Education**  
**Safe, Green, Healthy Campus**  
**Digital Convergence University**



# Why Ranking?

## International Students: Most important factors in choice of institution



Source: IDP Behaviour Research 2009



# MU: Our Vision

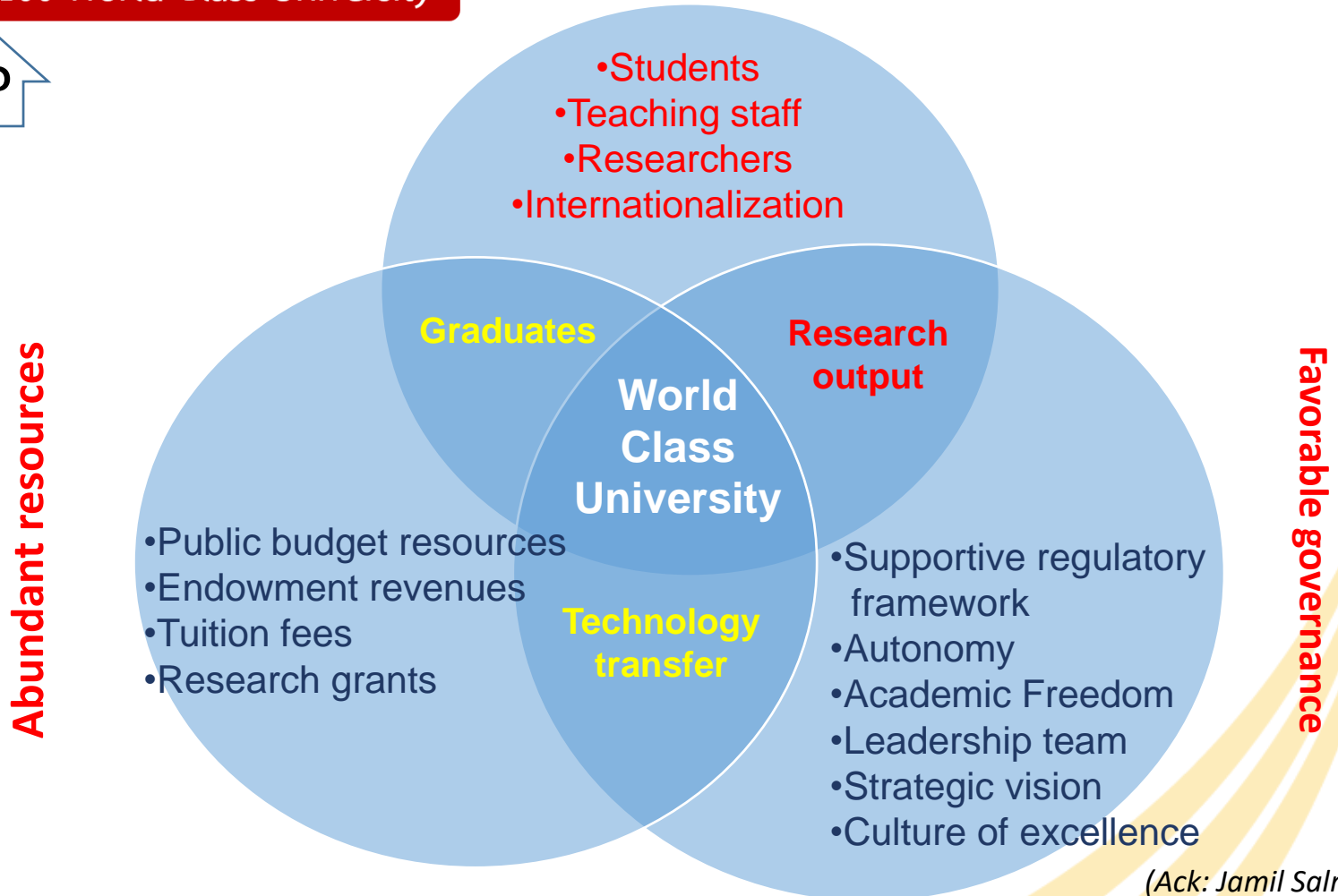
## วิสัยทัศน์

มหาวิทยาลัยมหิดลมุ่งมั่นจะเป็นมหาวิทยาลัยอยู่ในอันดับ  
1 ใน 100 มหาวิทยาลัยที่ดีที่สุดของโลกในปี พ.ศ. 2573

To be 1 in 100 World Class University



## Concentration of talent





มหาวิทยาลัยมหิดล

# Research Based U- Ranking

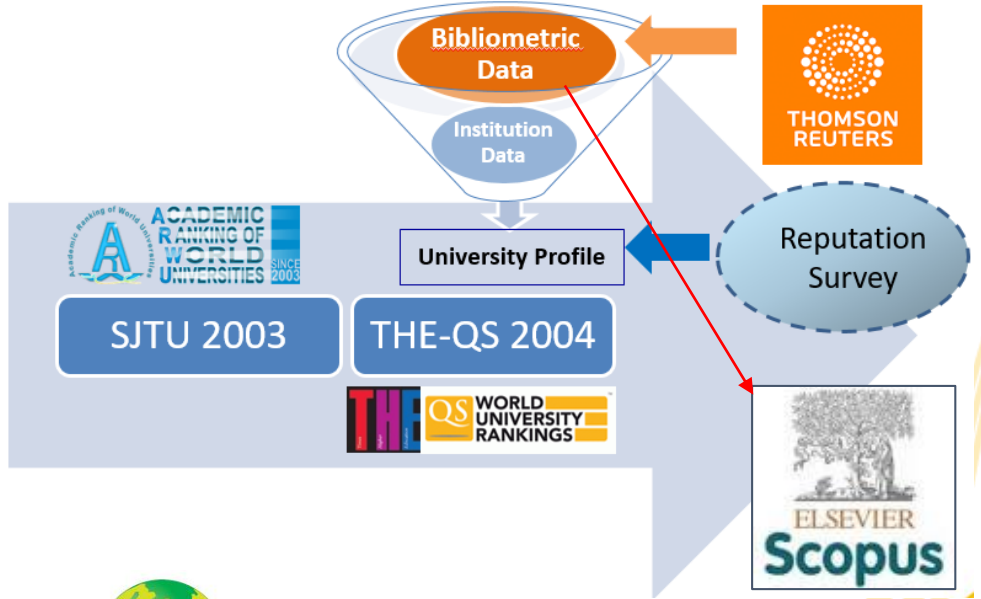


Content on this page requires a newer version of Adobe Flash Player.

University Ranking by Academic Performance



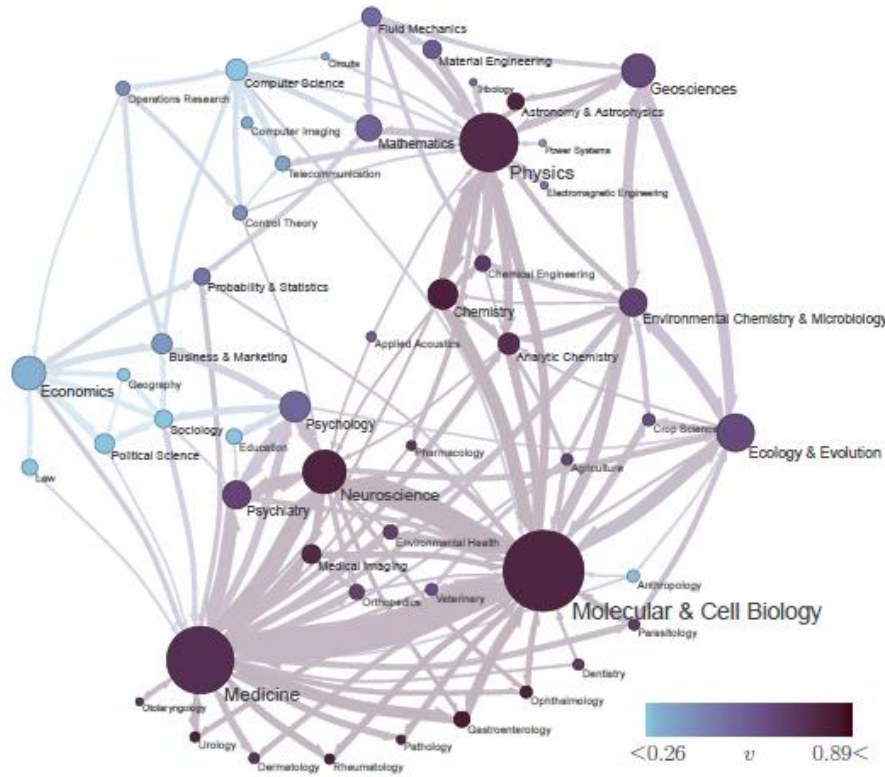
The key pillars:  
Teaching  
**Research**  
Global outlook  
Knowledge Transfer





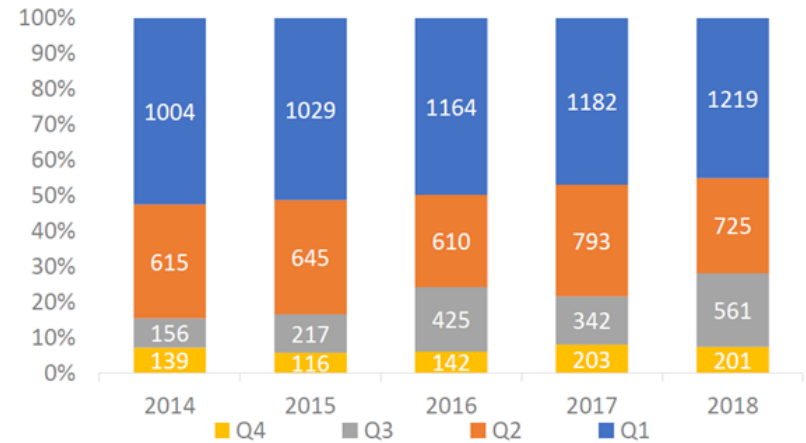


# Research Quality & Impact: How to Compare?

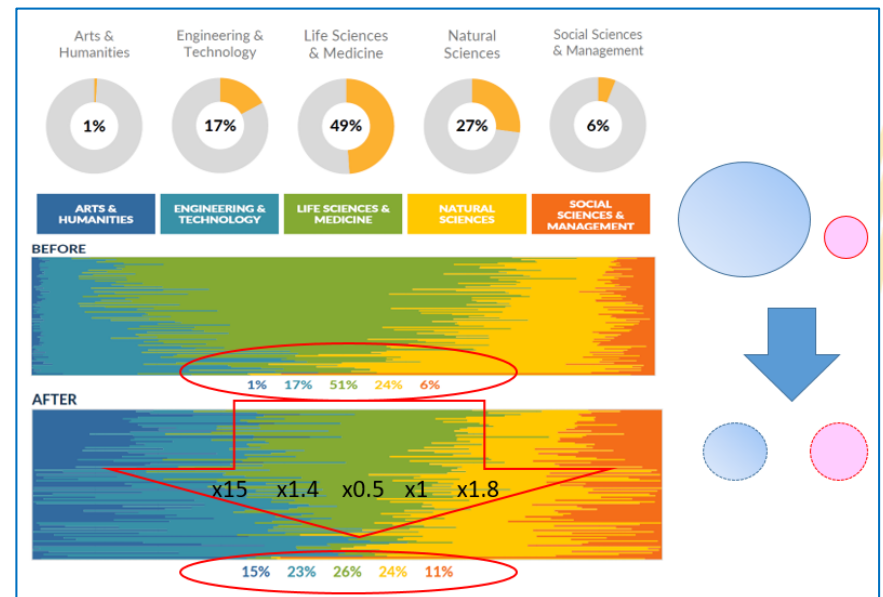


## Mahidol University Research Overview

Publications in Top Quartiles Journal (CiteScore) : 2014 – 2018



Citation/Paper  
 Citation/Faculty  
 Top Quality Journal  
 QS Standardization  
 Field Weight Citation





### PERFORMANCE HISTORY

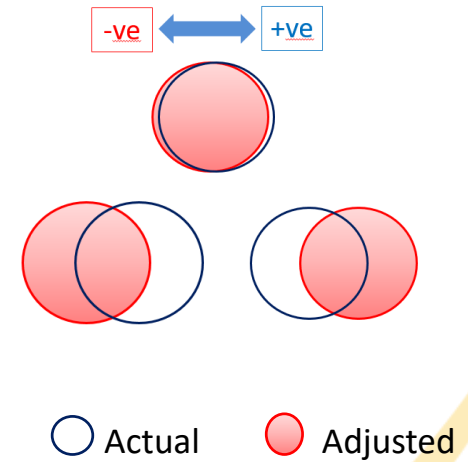
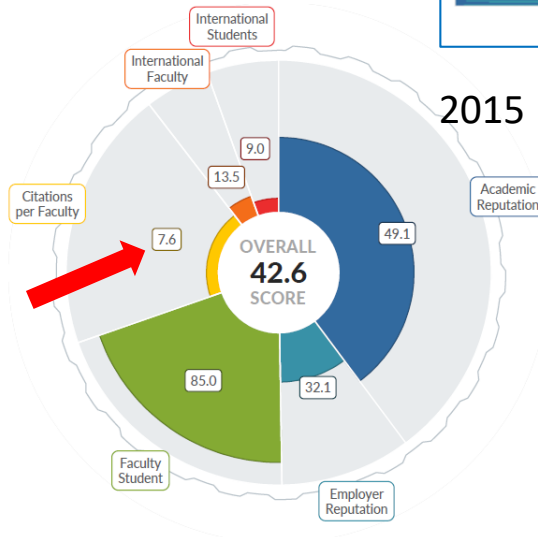
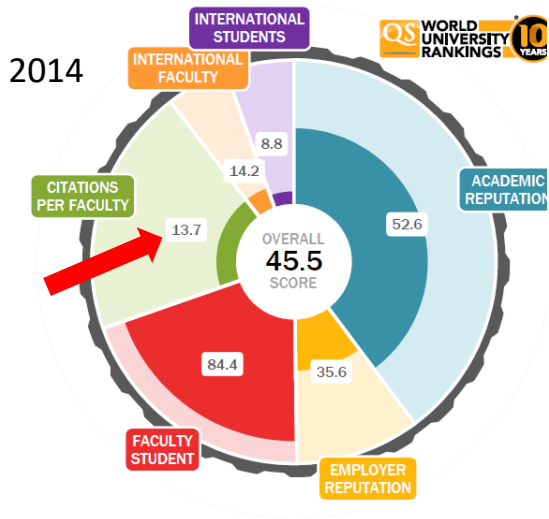
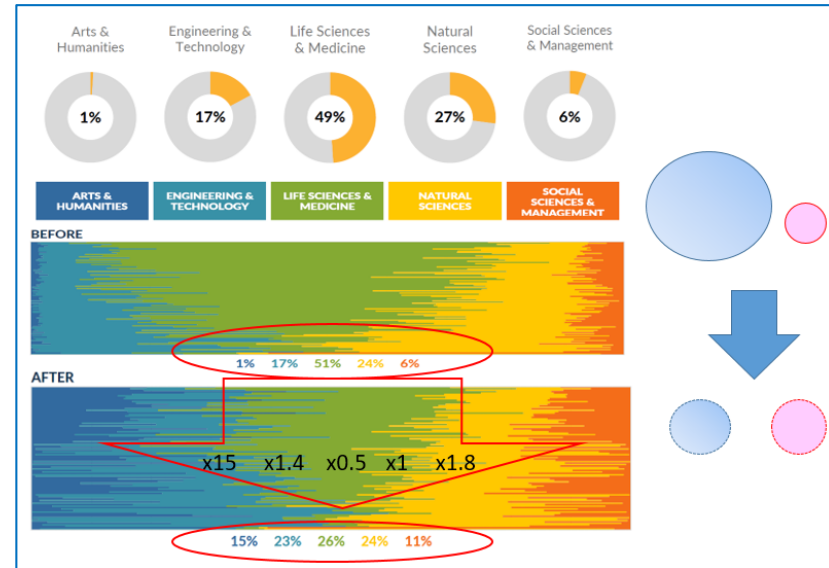
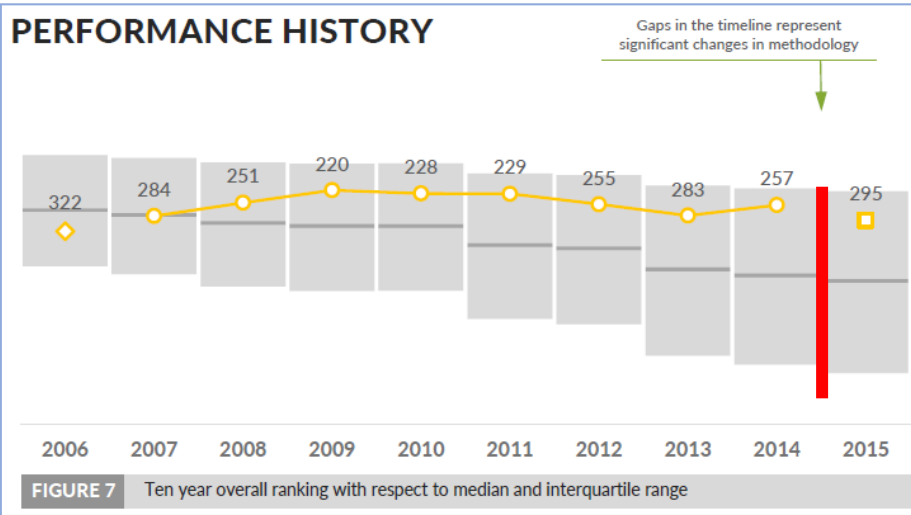
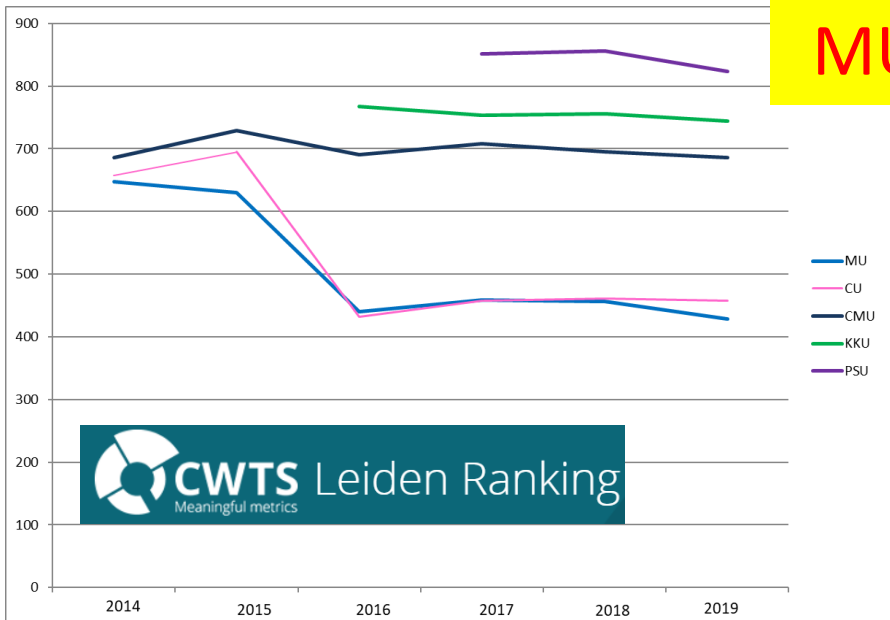
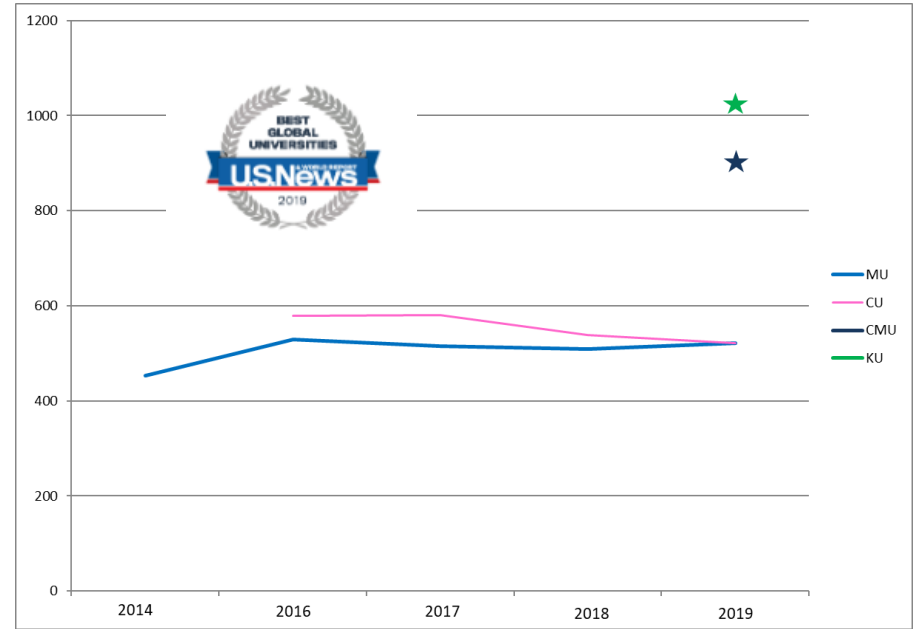
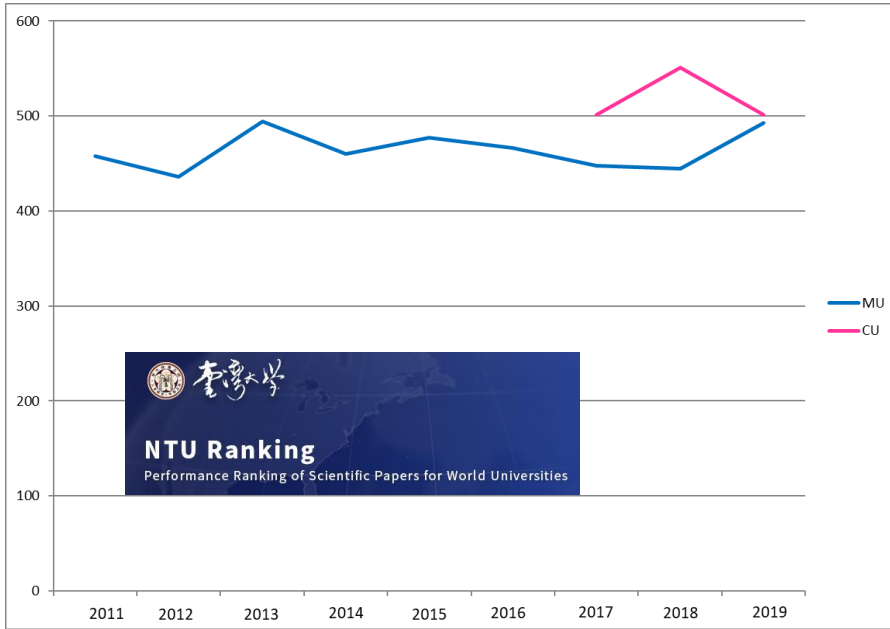


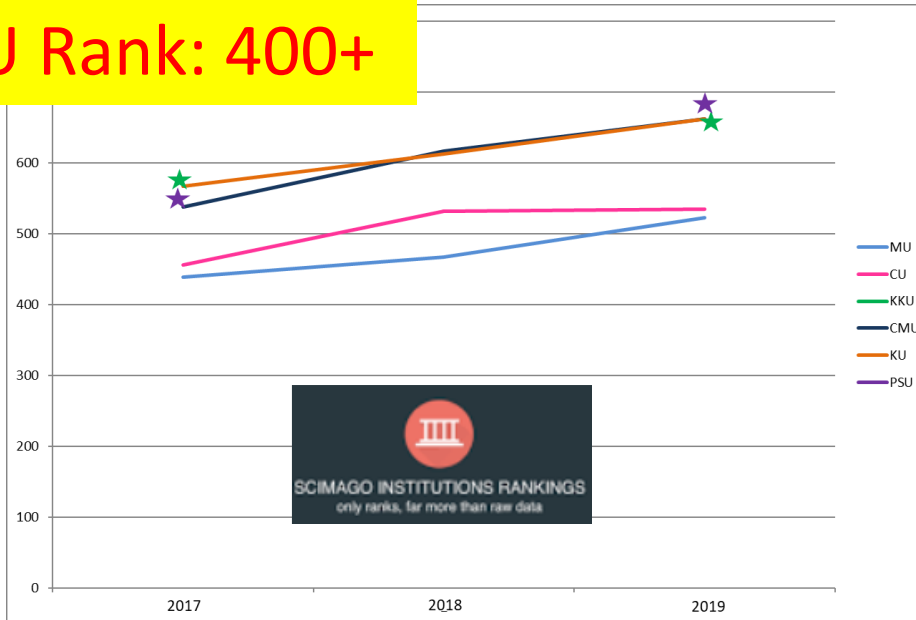
FIGURE 1 QS World University Rankings® 2014-2015 weighted scores

FIGURE 3 QS World University Rankings® 2015-2016 weighted scores

# Thai Research University Ranking



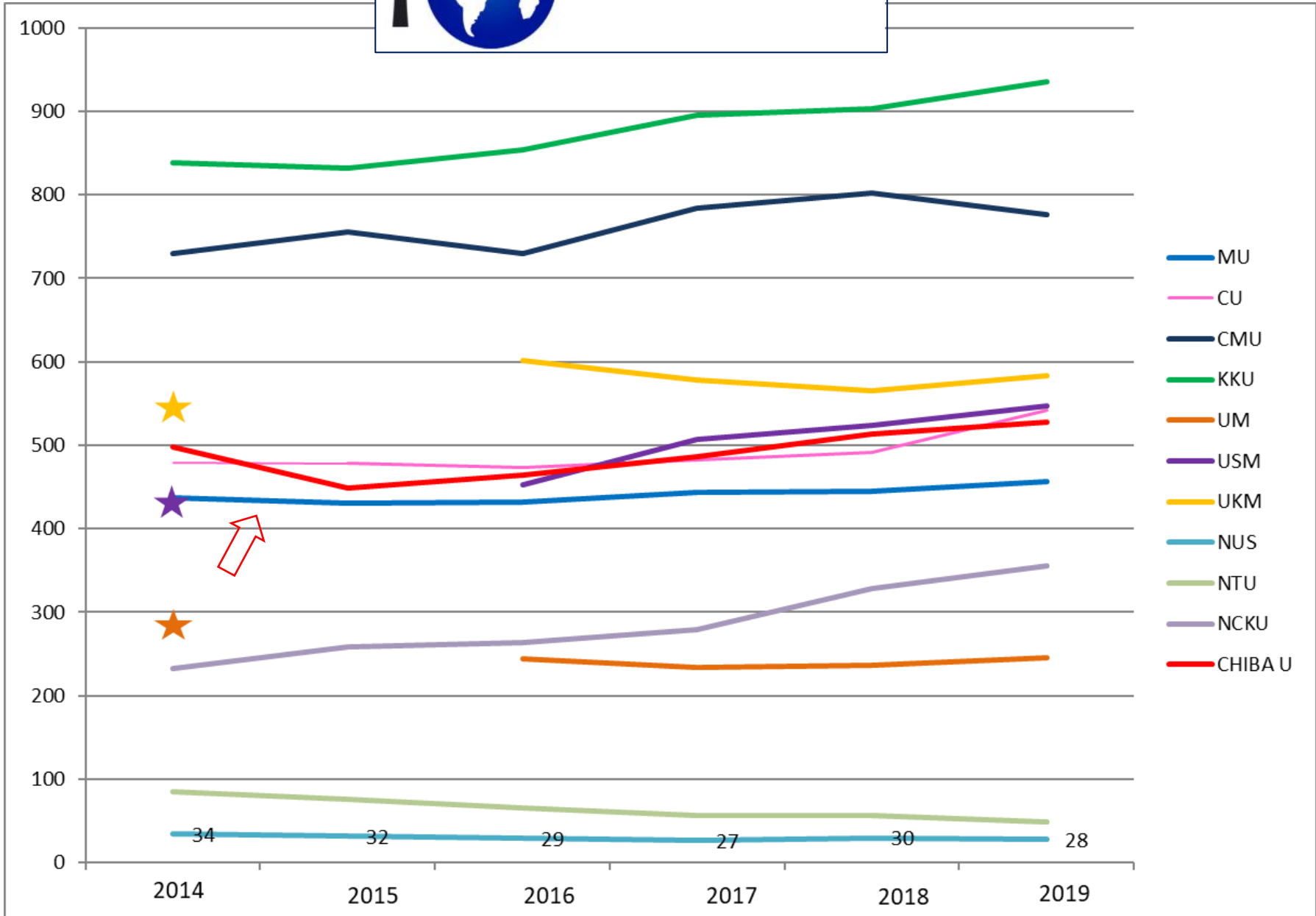
**MU Rank: 400+**







MU Rank: 400+





# Mahidol University: World Ranking 2019



**1** ของประเทศไทย  
**401-500** ของโลก



**1** ของประเทศไทย  
**457** ของโลก (2018=445)



**1** ของประเทศไทย  
**522** ของโลก(=CU)



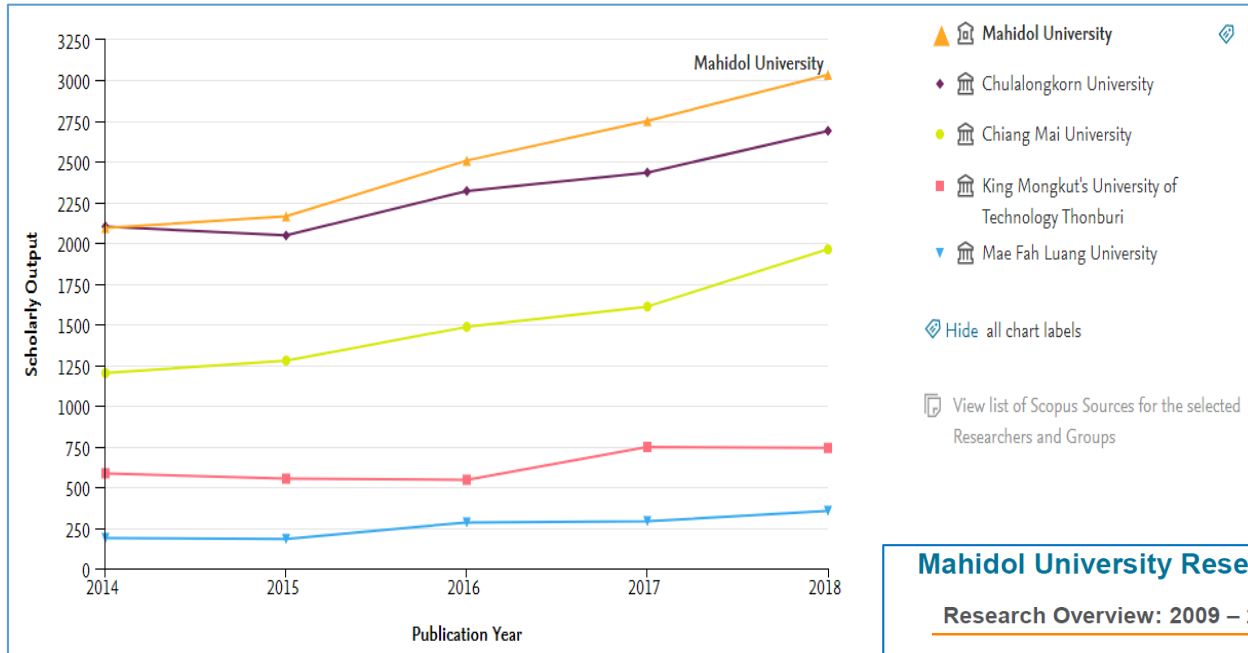
**MU Rank: 400+**



**1** ของประเทศไทย

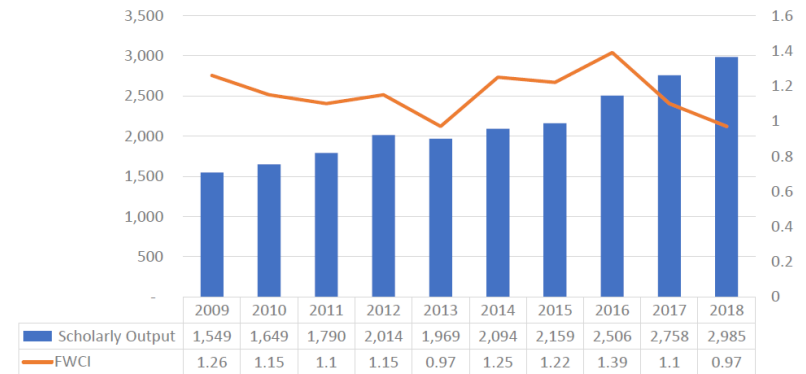


ranking	World Rank	University
1	513	<a href="#">Chulalongkorn University</a>
2	601	<a href="#">Mahidol University</a>



## Mahidol University Research Overview

### Research Overview: 2009 – 2018



### Key Findings

- Mahidol University's publication output has been steadily increasing at a CAGR of 7.5% over a 10 year period from 2009 to 2018.
- It grew from 1,549 publications in 2009, peaking at 2,985 publications in 2018.
- Mahidol University's FWCI has been fluctuating – its highest was 1.39 in 2016.

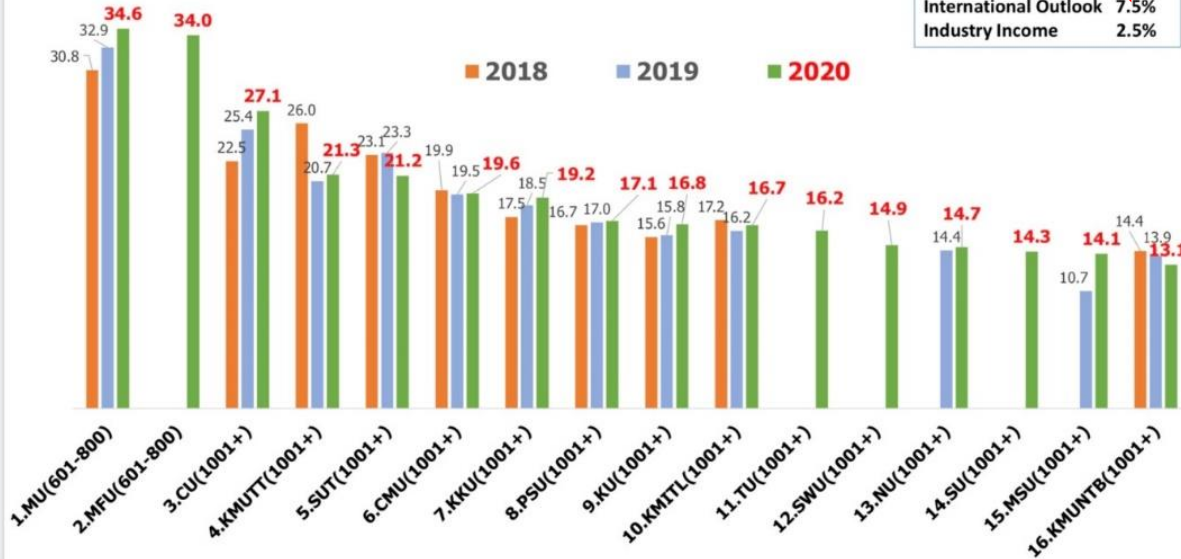




มหาวิทยาลัยมหิดล



### THE WORLD UNIVERSITY RANKINGS 2018-2020 OVERALL SCORE



Indicators	
Teaching	30%
Research	30%
Citation	30%
International Outlook	7.5%
Industry Income	2.5%



Scholarly Output

12,553 ▲

[View list of publications](#)

Authors

10,135 ▲

Field-Weighted Citation Impact

1.18

MU

Citation Count

107,415

Citations per Publication

8.6

h5-index

88

Scholarly Output

1,294 ▲

[View list of publications](#)

Authors

645 ▲

Field-Weighted Citation Impact

1.46

MFU

Citation Count

11,407

Citations per Publication

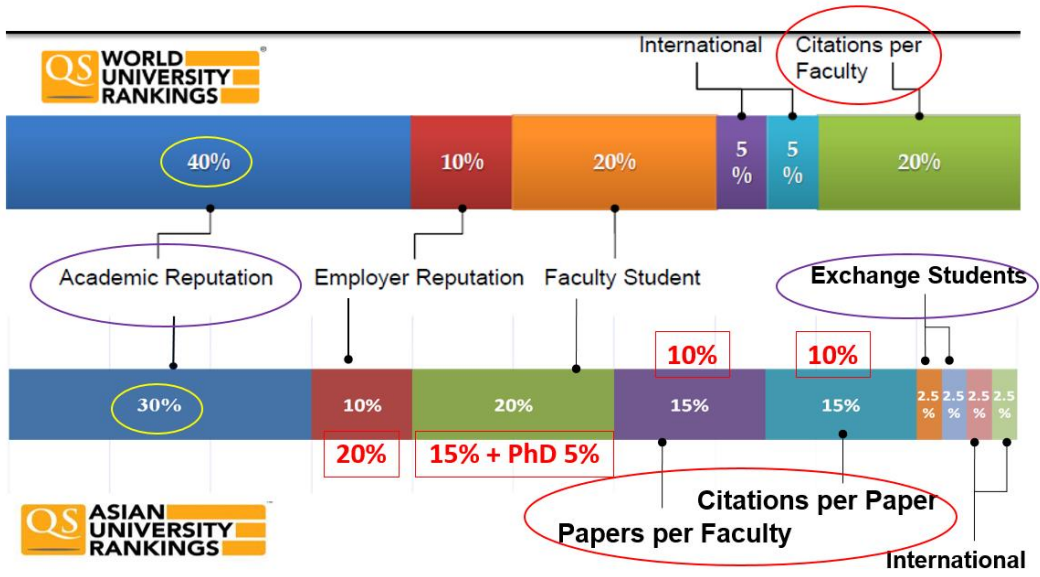
8.8

h5-index

38

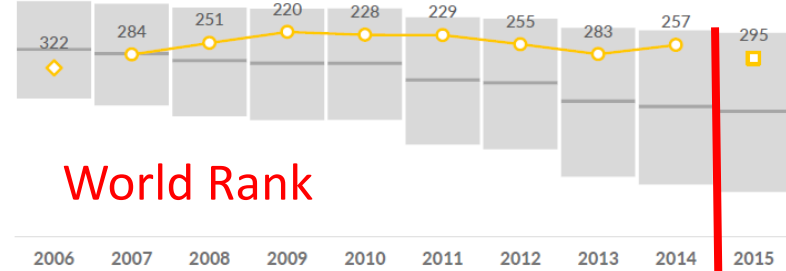


มหาวิทยาลัยมหิดล



## PERFORMANCE HISTORY

Gaps in the timeline represent significant changes in methodology



World Rank

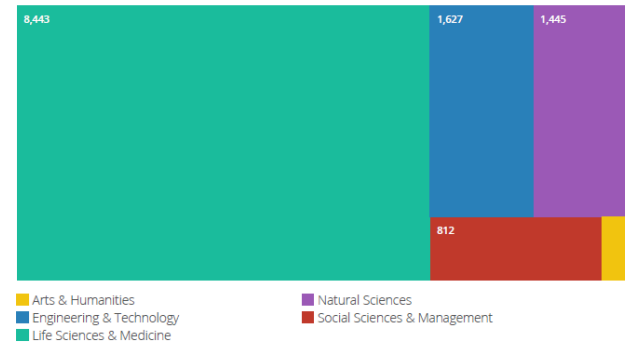
FIGURE 7 Ten year overall ranking with respect to median and interquartile range

Asian Rank



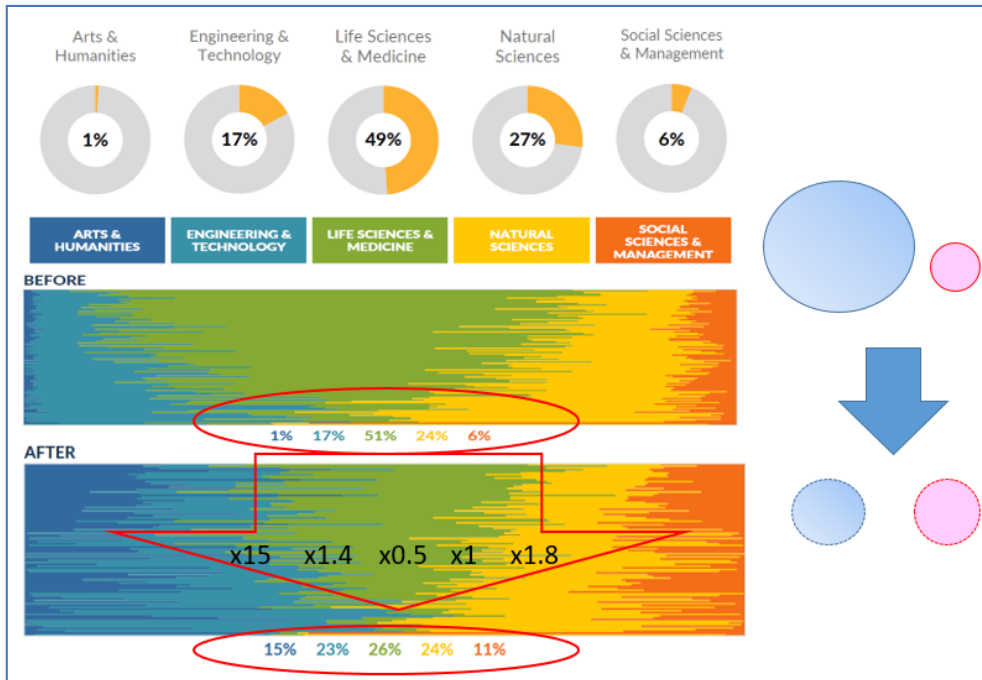
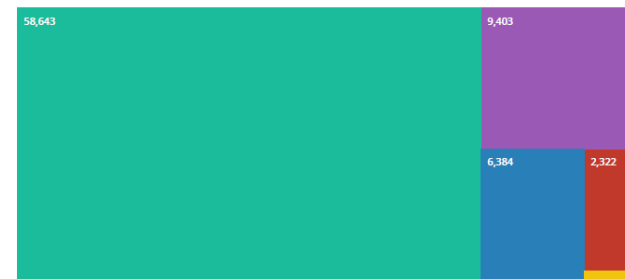
### PAPERS

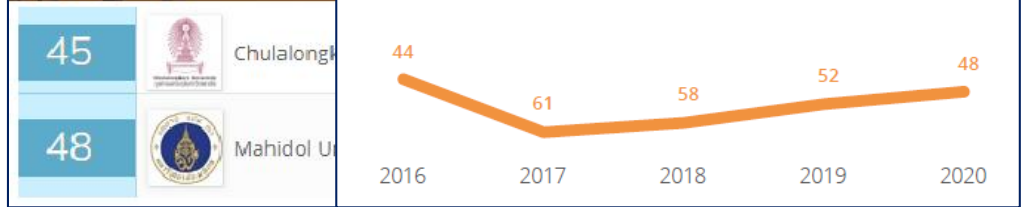
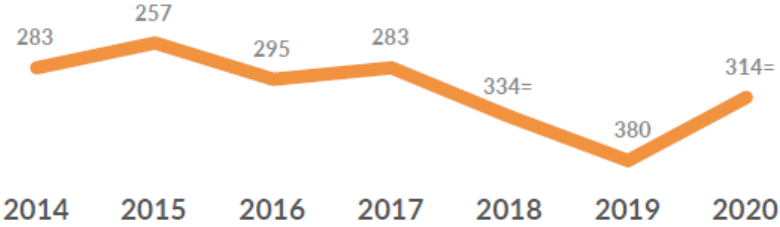
Indexed in Scopus in the 2013-2017 period



### CITATIONS (EXCLUDING SELF-CITATIONS)

For the above papers in the 2013-2018 period





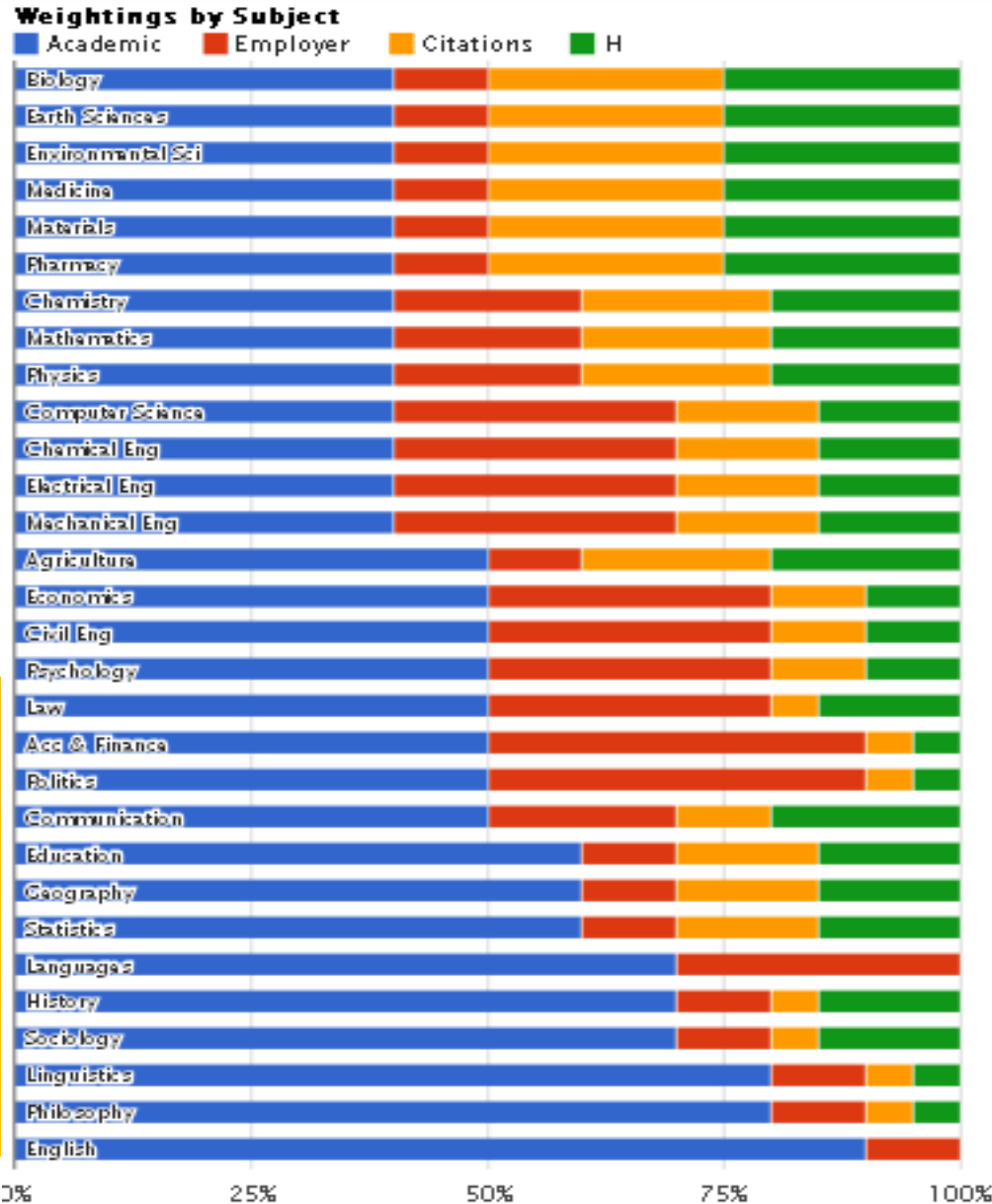
2019	University search	2020	University search
271	Chulalongkorn University	-247	Chulalongkorn University
380	Mahidol University	-314	Mahidol University
601-650	Thammasat University	601-650	Chiang Mai University
		601-650	Thammasat University

	2020	2019	YEAR ON YEAR SWING
Academic Reputation	212	226	14
Employer Reputation	289	168	121
Faculty Student	236	165	71
Citations per Faculty	601+	601+	
International Faculty	601+	601+	
International Students	601+	601+	

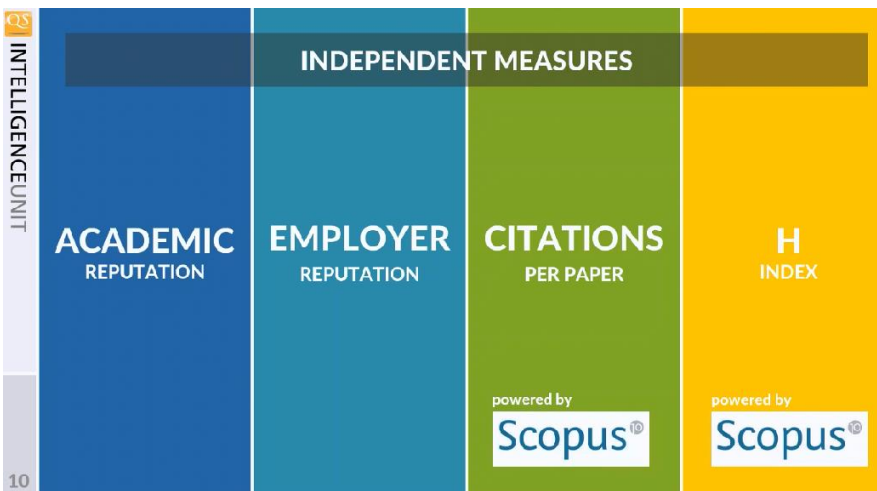
Academic Reputation	47	47
Employer Reputation	61	61
Faculty Student	85	85
Staff with PhD	130	130
Citations per Paper	199	199
Papers per Faculty	301+	301+
International Research Network	59	59
International Faculty	198	198
International Students	193	193
Inbound Exchange Students	77	77
Outbound Exchange Students	128	128



# To Be World Class from Our Strength

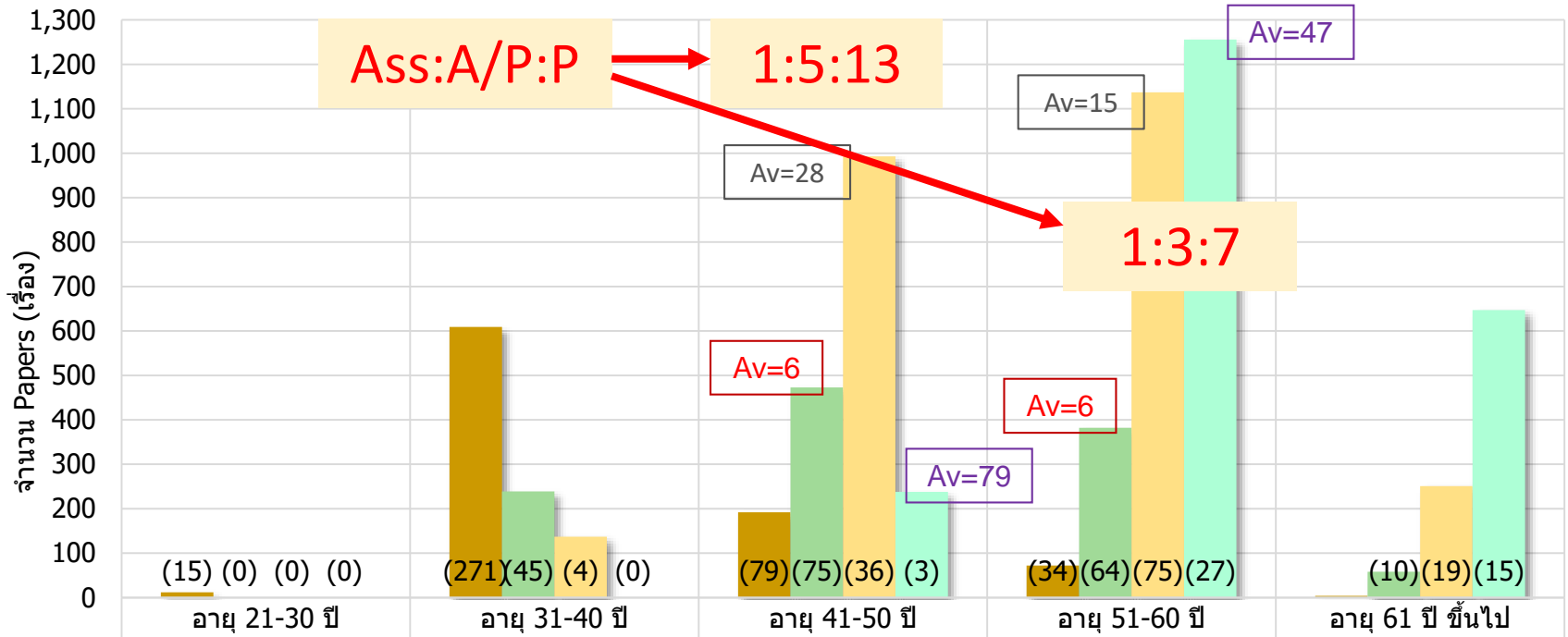


U. in subject rank < WUR





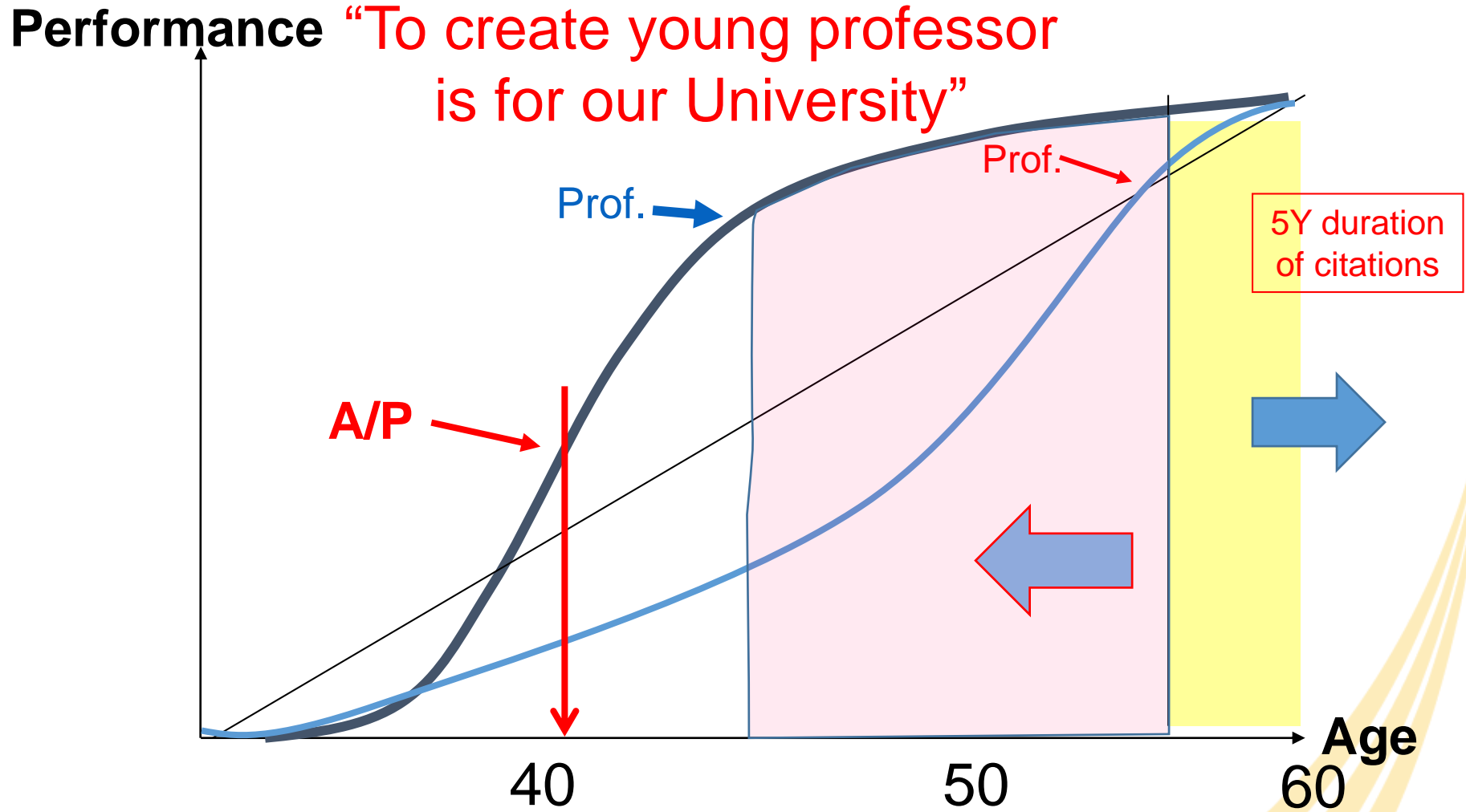
# Research Output vs Academic Position



	อายุ 21-30 ปี	อายุ 31-40 ปี	อายุ 41-50 ปี	อายุ 51-60 ปี	อายุ 61 ปี ขึ้นไป
■ อาจารย์	12	609	192	72	4
■ ผู้ช่วยศาสตราจารย์	0	239	473	382	58
■ รองศาสตราจารย์	0	137	993	1,137	251
■ ศาสตราจารย์	0	0	238	1,256	647

Ass=Same  
A/P & P=x2

# Research Output vs Academic Position

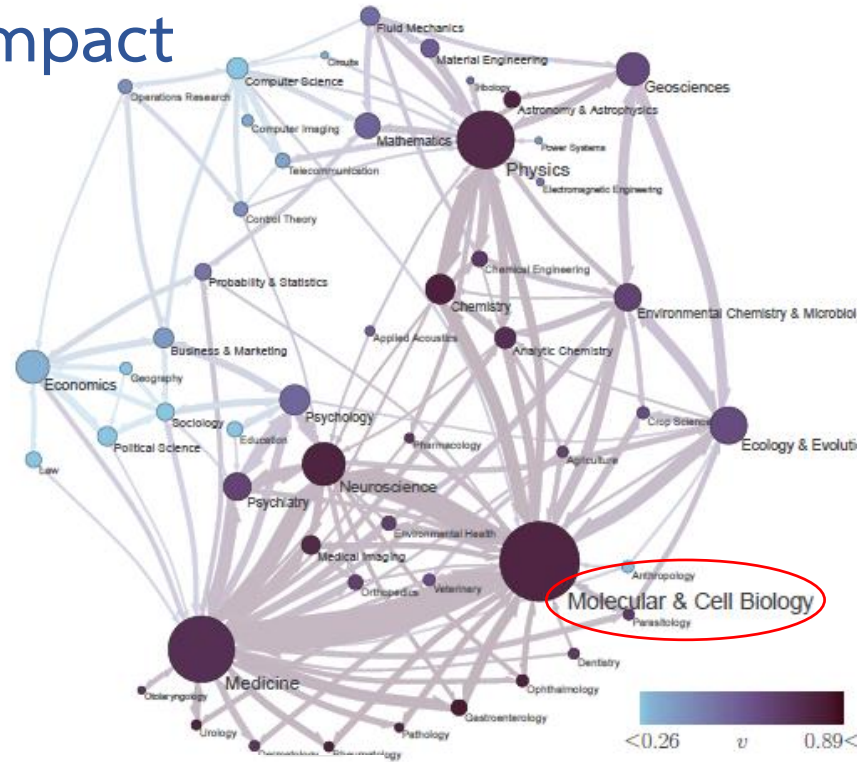
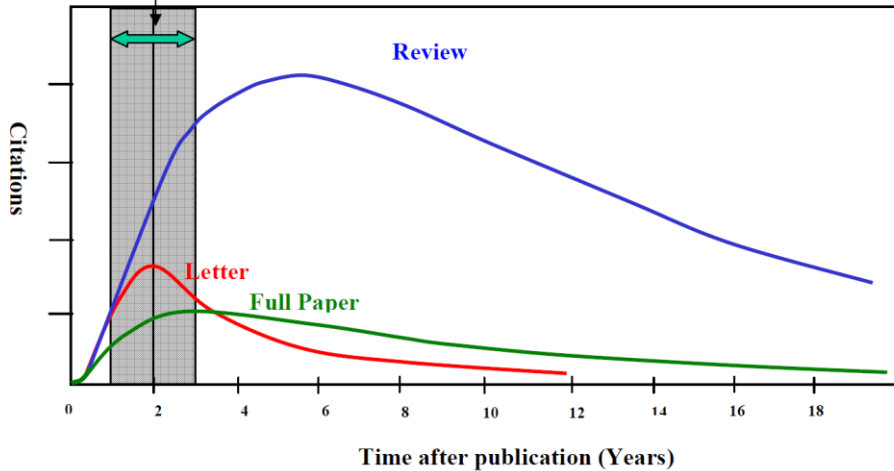


**Strategy to improve performance & output**





Impact Factor window



- 42.5% International collaboration**  
 3,689 publications (42.5%) were co-authored with Institutions in other countries  
 Citations per Publication: 9.0
- 19.7% National collaboration**  
 1,713 publications (19.7%) were co-authored with other Institutions in Thailand, but not with Institutions in other countries  
 Citations per Publication: 3.6
- 34.6% Institutional collaboration**  
 3,005 publications (34.6%) were co-authored with others at Mahidol University, but not with other Institutions  
 Citations per Publication: 2.5
- 3.1% Single authorship**  
 271 publications (3.1%) were not co-authored but had a single author  
 Citations per Publication: 2.9

Open Access  
 Review Article  
 Collaborations  
 Basic Research



# Collaborations

## Joint Research Units

### Health Literacy Training Centre

Faculty of Public Health: Taipei Medical University, Taiwan

### Hamlyn-Bart Lab in Medical Robotics

Faculty of Engineering: Imperial College London, UK

### Smart Plant Factory and Horticulture

Faculty of Science: Chiba University, Japan

### Audio and Speech Therapy Southeast Asian Hub

Faculty of Medicine, Ramathibodhi Hospital: Macquarie University, Australia

### Medical Informatics Research Unit

Faculty of ICT, Faculty of Dentistry, Faculty of Medicine Ramathibodhi Hospital: University of Bremen, Germany

### Dental and Medical Device Research Centre

Faculty of Dentistry: National Chung Kung University, Taiwan

### Big Data System and Training on Genomic Epidemiology

Faculty of Tropical Medicine: Oxford University, UK

### Joint ICT Lab and Research Centre

Faculty of ICT: National Institute of Advanced Industrial Science and Technology (AIST), Japan

### Ageing and Chronic Diseases Pharmaceutical Centre

Faculty of Pharmacy: University of Liverpool, UK

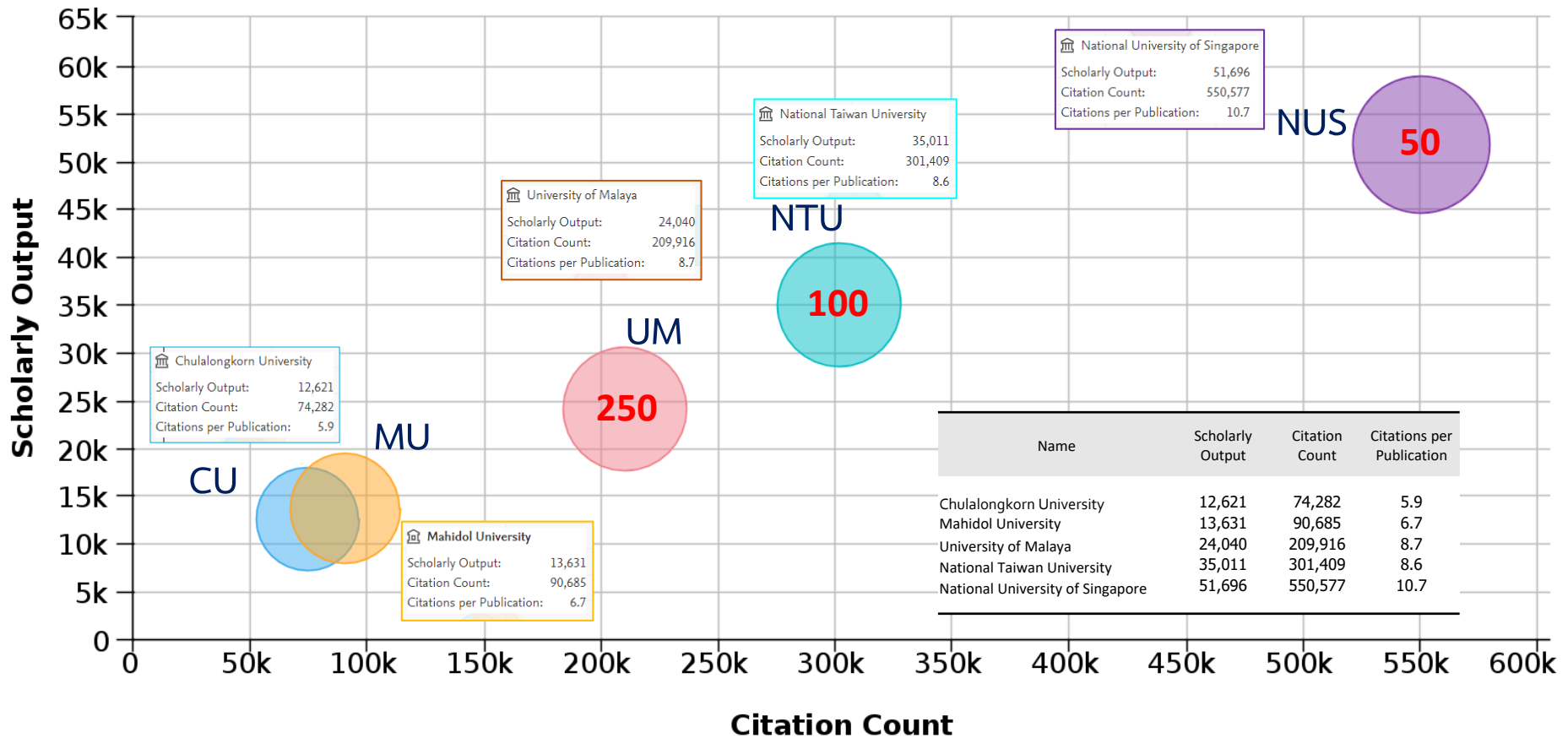
### Viral Vector Service Unit

Faculty of Medical Technology: Institute for Functional Genomics Montpellier, France



## ผลงานตีพิมพ์และการอ้างอิง มหาวิทยาลัยมหิดลและคู่แข่ง ปี พ.ศ. 2557 – 2562 (2014-2019)

SciVal

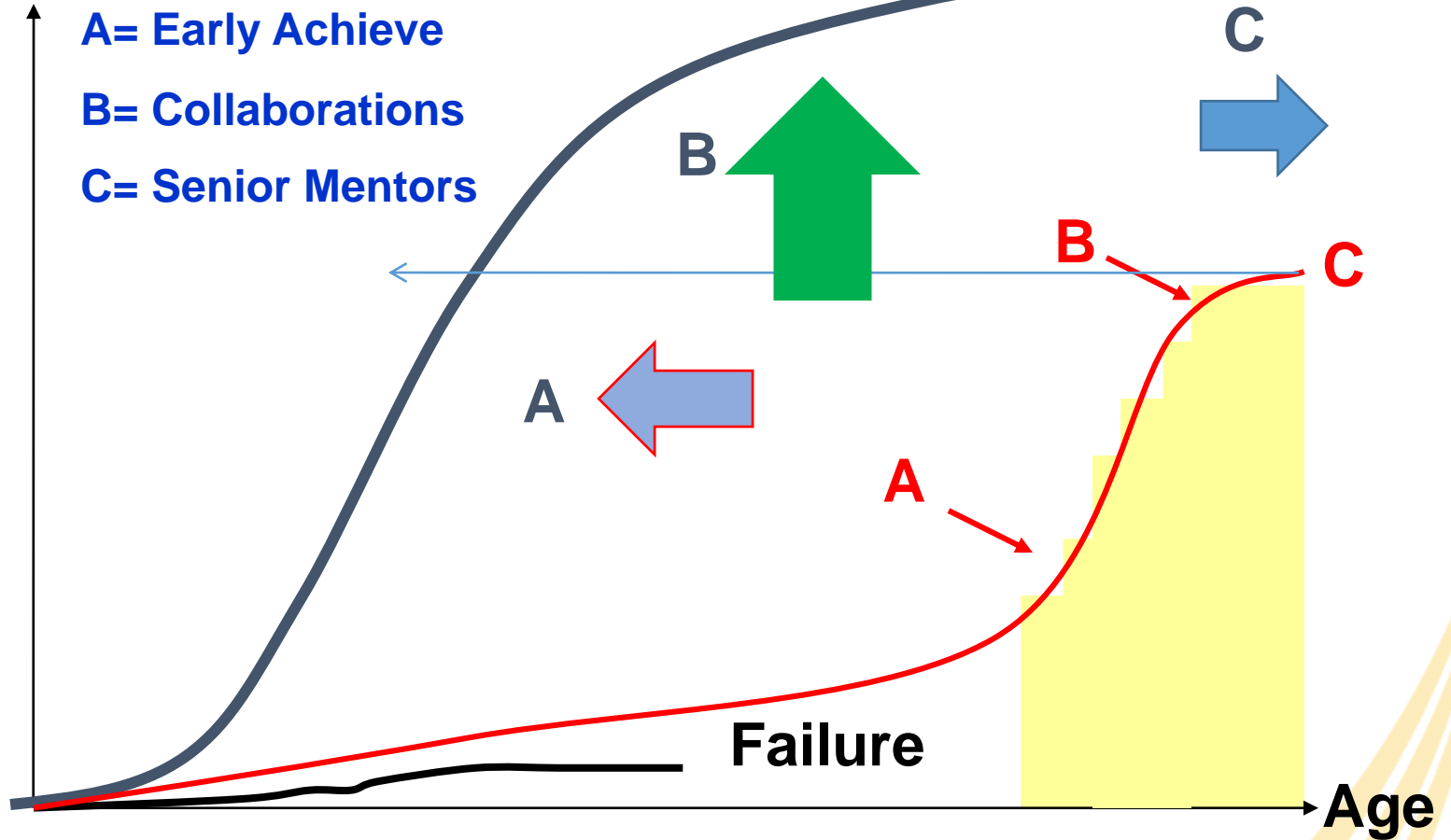






# Research Output vs Academic Position

## Performance



**Strategy to improve performance & output**

# 21st Century : Age of Info Whelm

More data produced in → last **50** years

*(Fast, Huge, Diverse, Complex ..need various actions)*



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## From Simple to Complex Problems

Individual → Team approach

Single → Multidiscipline

Ordinary → Urgent Mx

Average → Expert

Limited Resources!!

Especially **Time**



# How to Solve 4 Key Problems?

- Fast → **Speed** up, **Learning** curve, **IT**,
- Huge → **Competency** ↑, **Team** work, **Lean** op
- Diverse → Multidisciplinary/ **Team** approach
- Complex → **Talent**, **Train**, **Team**, Profession,  
Consultant, Outsource

HR: **Talent, Train & Team**  
System: **IT & Lean**



# Time Management Skills (1)

## Minimize time-wasting

- Procrastinating
- Failing to set priorities
- Delegating ineffectively
- Repeating/ obsessive habit
- Mismanaging paperwork
- Holding unnecessary meeting





## Time Management Skills (2)

“Spend time to save time”

(Quicker to do it myself!!! ..only some events)

Spend time to:

- Learn → understand
- Plan → less struggling
- Practice → perform faster
- Think → alternative ways
- Set → easy way to follow
- Train → other people to do



# Work-Life Balance(1)

- Learn how to say **Yes** as well as -----  
-- to say **No**
- Establish your **Absence** as well as -----  
-- your **Presence**
- Do a little bit of **Everything** as well as---  
-- all of **One thing**
- Determine your **Tasks** as well as -----  
-- your **Priorities**

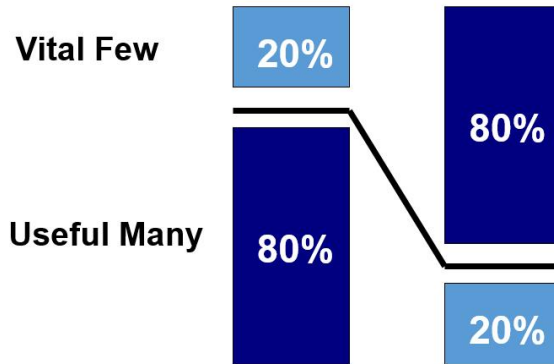


## Work-Life Balance(2)

- Work until your **Time is up** as well as ---  
--- until your **Task is done**
- Bring some of your **Home to work** as well as ---  
--- some of your **Work to home**
- Seek to **Integrate** your professional & personal activities as well as ----- to **Separate** work & play



# The 80/20 Rule: Pareto's Law



Vilfredo Pareto (1906)  
Italian economist,  
80% of the wealth was  
owned by 20% of the people

Understand:

- Those 'few' items that affect the 'many'
  - Where your time is best spent
  - What task is best performed using less effort
- How your team are performing

Make 1+1 to be >2



New-Gen & Mentor are Keys