

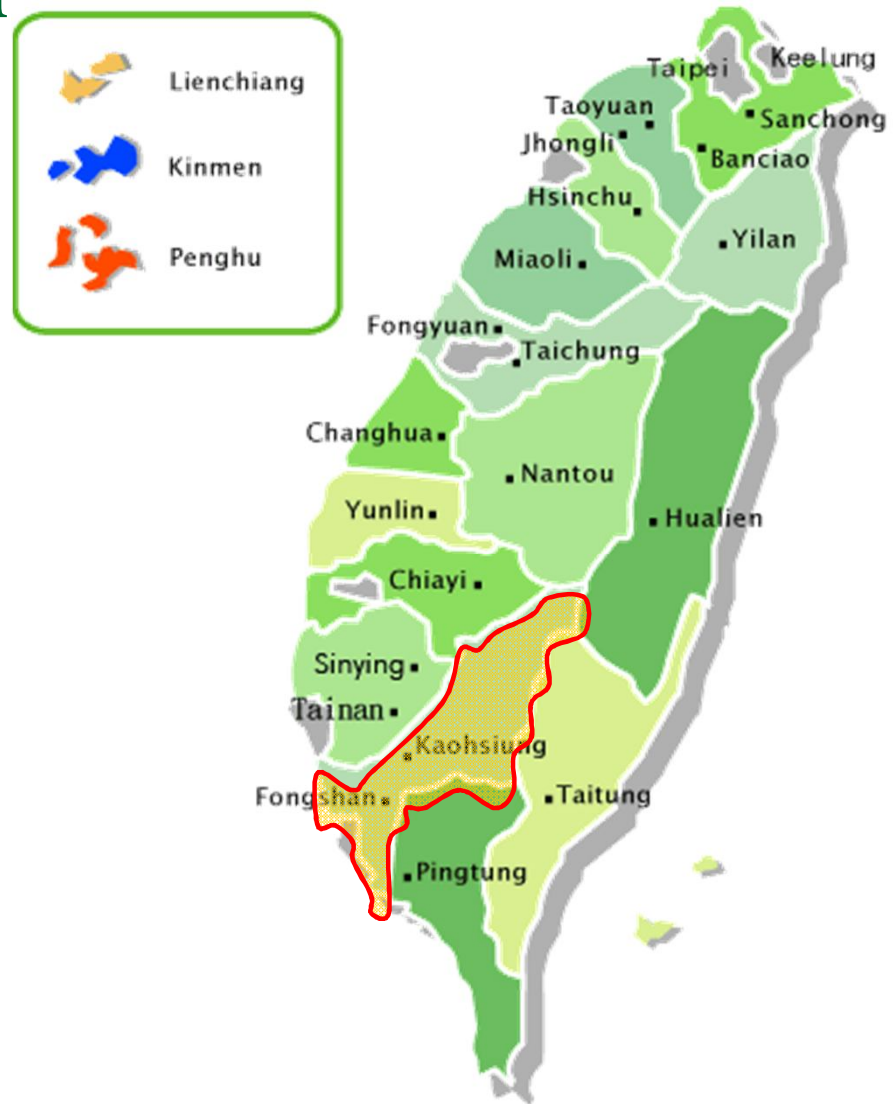


Higher Education in Taiwan – Predicaments and Prospects

Jow-Lay Huang
President
National University of Kaohsiung
2012.12.21



Taiwan



Overview

- ✓ **Status Quo of Higher Education in Taiwan**
- International Partnership
- Status Quo of National University of Kaohsiung
- Concluding Remarks



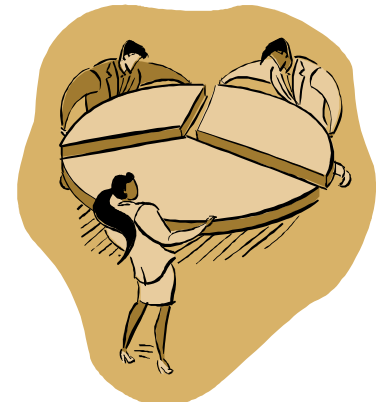
Status Quo of Higher Education in Taiwan(1/8)

- Higher education in Taiwan is moving from elitism toward populism, **from conservatism toward liberalism, from monism toward pluralism.**
- Changes in society, transformation in industry and **new ways of thinking** all have huge impacts on higher education.



Status Quo of Higher Education in Taiwan(2/8)

- Higher education worldwide is moving toward a more **liberal direction**, making learning more accessible for the general public. Therefore, higher education institutions need to make adjustments accordingly and build **new operation mechanism**, in order to meet the needs of the society.



Status Quo of Higher Education in Taiwan(3/8)

- **Competitiveness** is key to the development of higher education in Taiwan.
- With Taiwan entering WTO and signing ECFA, the **marketization** of higher education is inevitable.



Status Quo of Higher Education in Taiwan(4/8)

- Enhancing **Core Skills**
- Putting Theory into **Practice**
- University **Mergers**
- **Corporatization** of Universities
- **Top University Project**—NTD\$ 50 billion/5yr
- **Teaching Excellence Project**
- **Multi-Stars Project** - Admission up to 50%



Status Quo of Higher Education in Taiwan(5/8)

Problem(1/4)

- Comprehensive universities and technological universities are **not distinctive** enough, in terms of teaching, research and service.
- Imbalance between Research and Teaching: **Overlooking teaching** quality leads to poor learning performance.



Status Quo of Higher Education in Taiwan(6/8)

Problem (2/4)

- **Lacking Fair Indicators for Assessment:**
Newly-founded universities generally have limited resources, however, they are assessed by the same standards.
- **Lacking Originality:** Highly similar subject areas across universities; low enrollment.
- **Lacking Flexibility and Efficiency:**
Rigid administration system.



Status Quo of Higher Education in Taiwan(7/8)

Problem (3/4)

- **High Costs of Staffing**
- **Low Birth Rate, Low Enrollment**
- **Limited Endowment Fund:**
Little donation from the general public.



Status Quo of Higher Education in Taiwan(8/8)

Problem (4/4)



- The **salary structure** of the academic staff does little to encourage innovation in research and quality in teaching.
- Restrictions Imposed on University **Finances and Staffing**
- Limited Number of **International Students**

Overview

- Status Quo of Higher Education in Taiwan
- ✓ **International Partnership**
- Status Quo of National University of Kaohsiung
- Concluding Remarks



International Partnership(1/8)

- Higher education in Taiwan is facing the challenge of **Globalization**, so its quality and development plays a key role in the nation's competitiveness.



International Partnership(2/8)

- The 21st century is an era of **Knowledge Economy**, Globalization and fierce competition. A nation's economic and social development links to the ability of knowledge production, and knowledge innovation.



International Partnership(3/8)

- Higher education aims to **promote research, nurture future generations, contribute to the society and enhance the development of a nation.**
- 1. **Academic Exchanges** : international joint research, conferences, joint publication
- 2. **Scholar Exchanges** : faculty visitation, exchange teachers
- 3. **Student Exchanges** : student exchange or study abroad programs to gain cultural and life experiences abroad; dual degree programs to pursue degree or diploma.



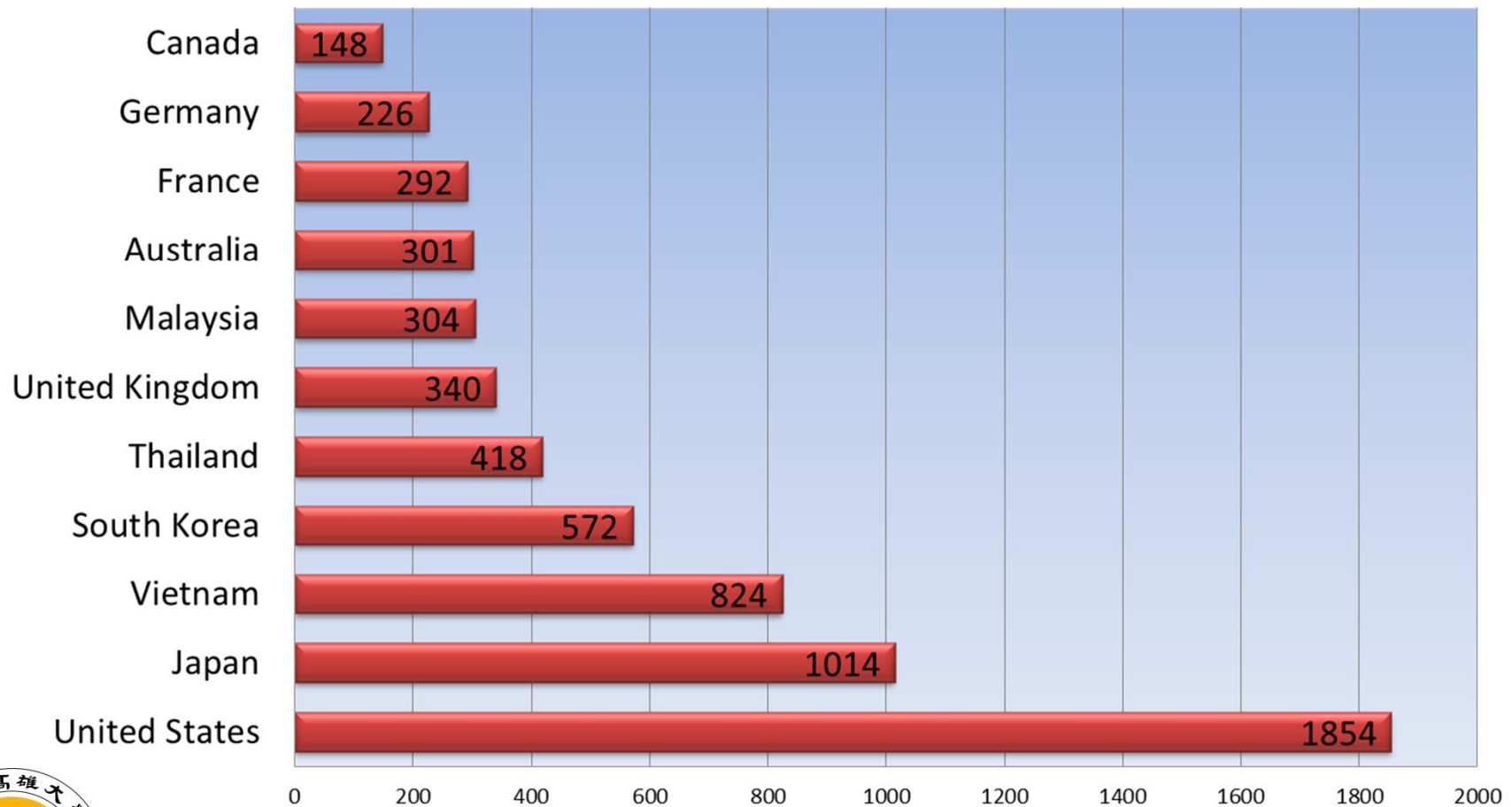
International Partnership(4/8)

- Building partnership from signing **agreements for collaboration**
- Building a platform for collaboration **between industry and academia**
 - Creating the **database linking school** curriculum and industrial demands
 - Creating **digital learning** mechanism
 - Creating **human resources management** mechanism
- **Innovation and incubation center**: promoting industry-academia joint research and development; building partnerships between industry, government and academia.



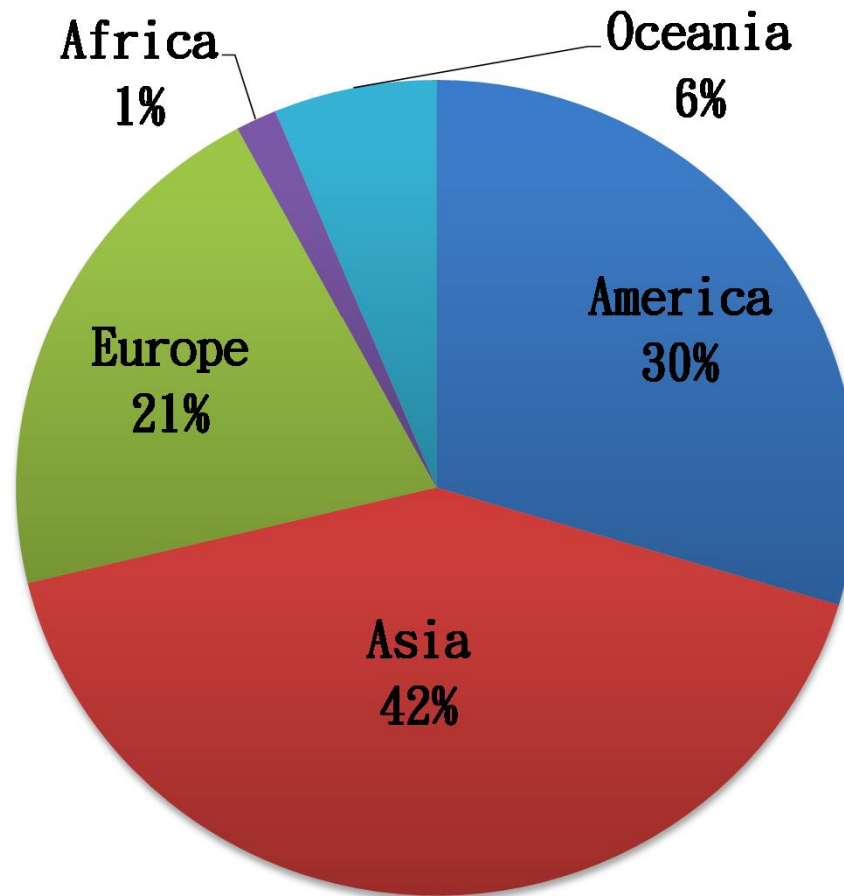
International Partnership(5/8)

No. of Academic Exchange Agreements with Universities Worldwide (As of 2012/05)



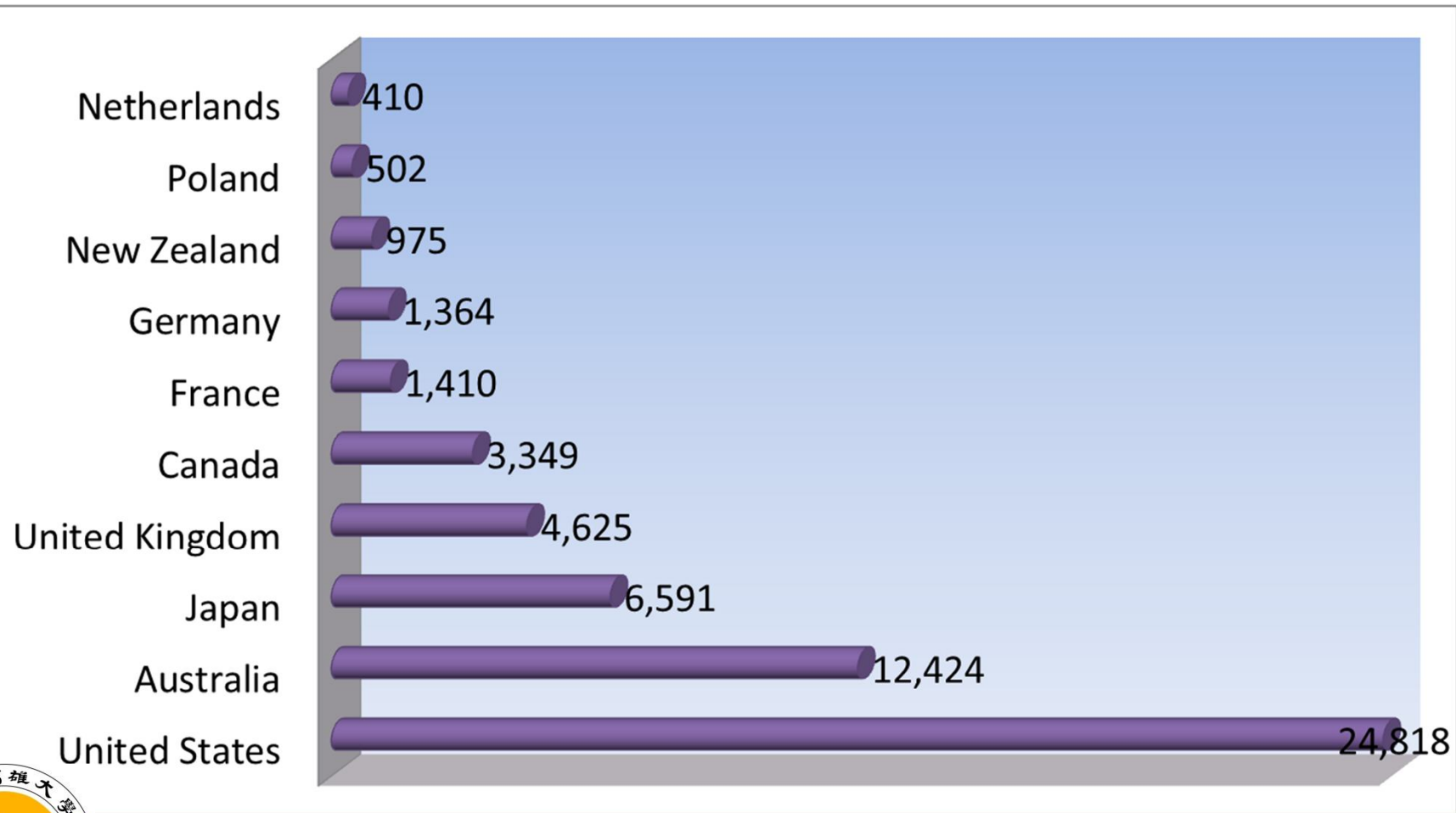
International Partnership(6/8)

Regional Distribution of Visiting Scholars in 2011



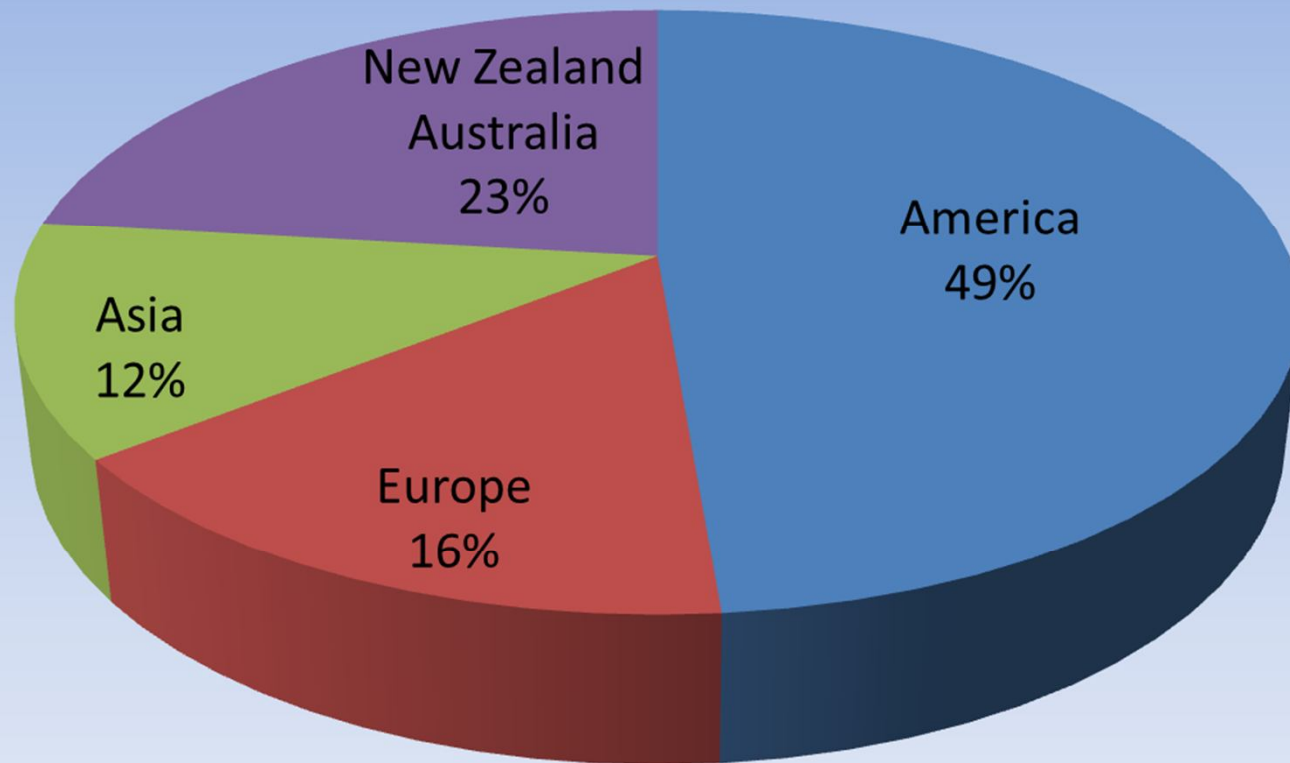
International Partnership(7/8)

Top 10 Countries Taiwanese Students Studying Abroad



International Partnership(8/8)

Regional Distribution of Taiwanese Students Studying Abroad



Overview

- Status Quo of Higher Education in Taiwan
- International Partnership
- ✓ **Status Quo of National University of Kaohsiung**
- Concluding Remarks



Status Quo of National University of Kaohsiung(1/38)



www.nuk.edu.tw



Status Quo of National University of Kaohsiung(2/38)

The Harbor City- Kaohsiung

Population: Approx. 2.27 million

Climate: Tropical Monsoon climate

The average month temperature: 25.1°C



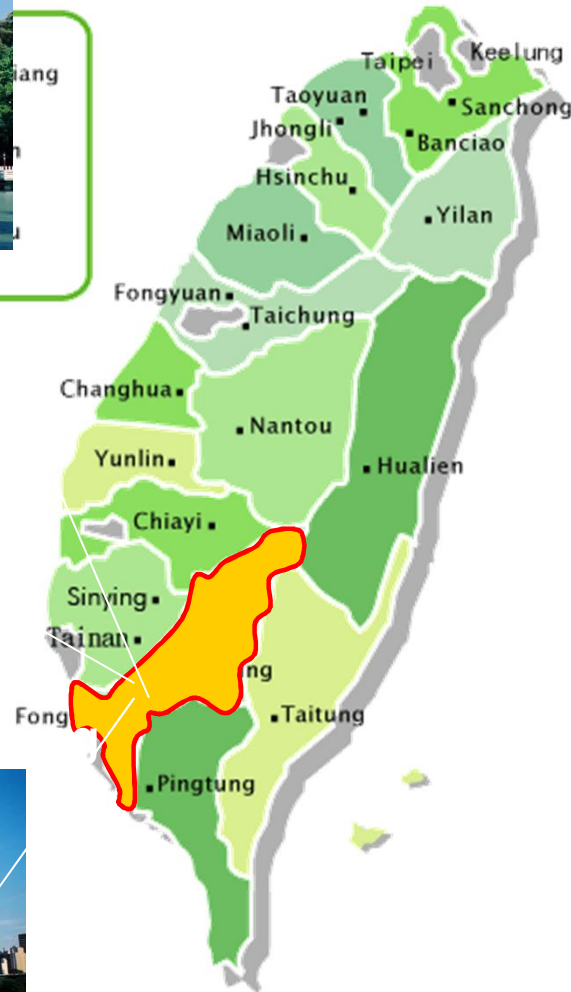
Status Quo of National University of Kaohsiung(3/38)



Dragon and Tiger Pagoda



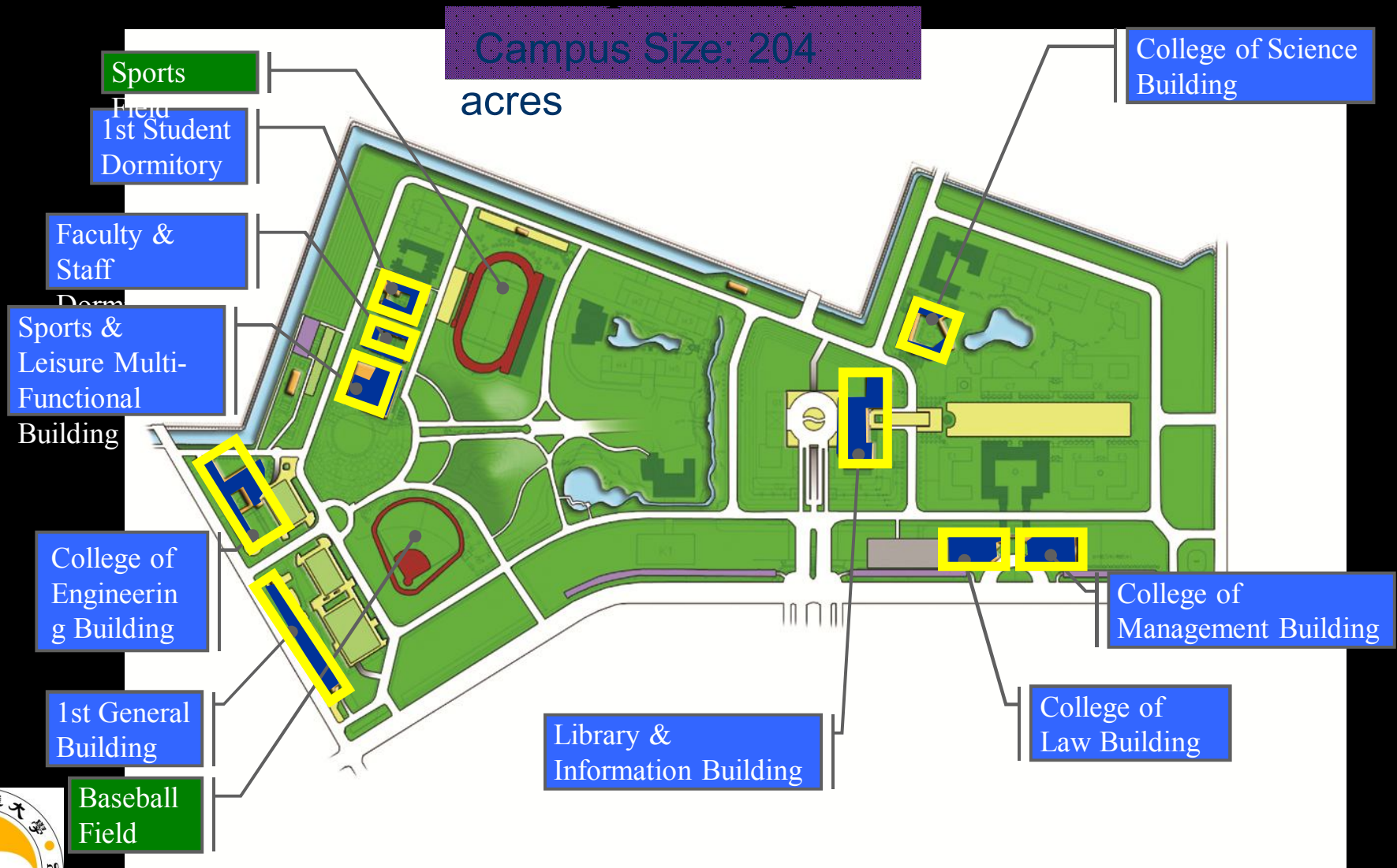
Tuntex Sky Tower



Love River



Status Quo of National University of Kaohsiung(4/38)



Status Quo of National University of Kaohsiung(5/38)

Campus



Status Quo of National University of Kaohsiung(6/38)

Campus

Library & Information Building



Status Quo of National University of Kaohsiung(7/38)

Campus



Status Quo of National University of Kaohsiung(8/38)

Campus

Sports & Leisure
Multi-Functional Building



Camping & Bar-B-Q Area



Status Quo of National University of Kaohsiung(9/38)

Campus



1st Student Dormitory



The Ecological Pond



Status Quo of National University of Kaohsiung(10/38)

Campus

Hong Sze-Chuen Sports Dome



Shiga Univ. VS NUK (Sept., 2010)



Status Quo of National University of Kaohsiung(11/38)



Status Quo of National University of Kaohsiung(12/38)

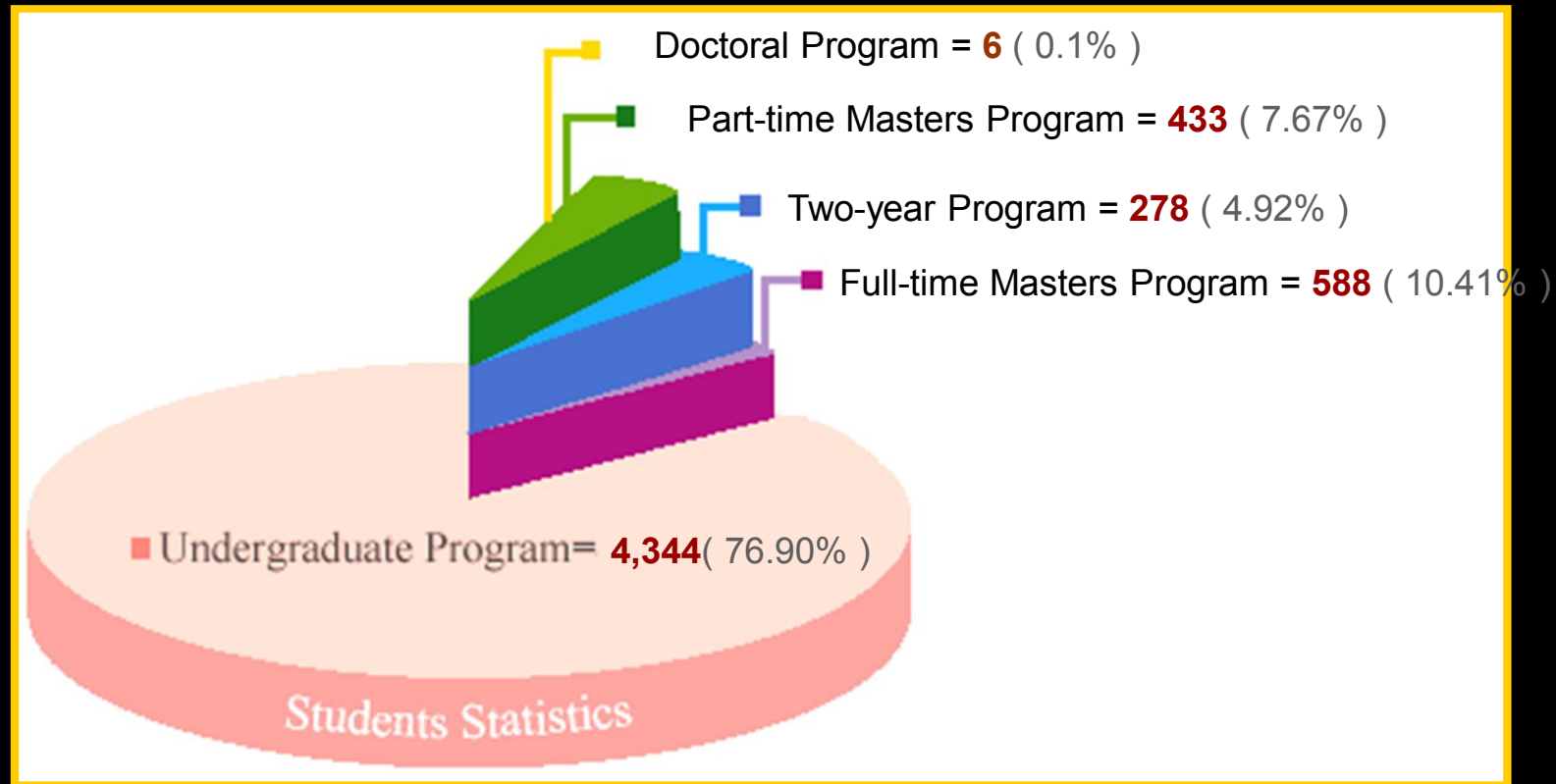


Introducing NUK

Established:	Year 2000
President:	Prof. Jow-Lay Huang
Staff:	588 (Faculty: 364; Staff: 224)
Students:	5,649
Location:	Northern Kaohsiung, Taiwan
Campus:	204 acres



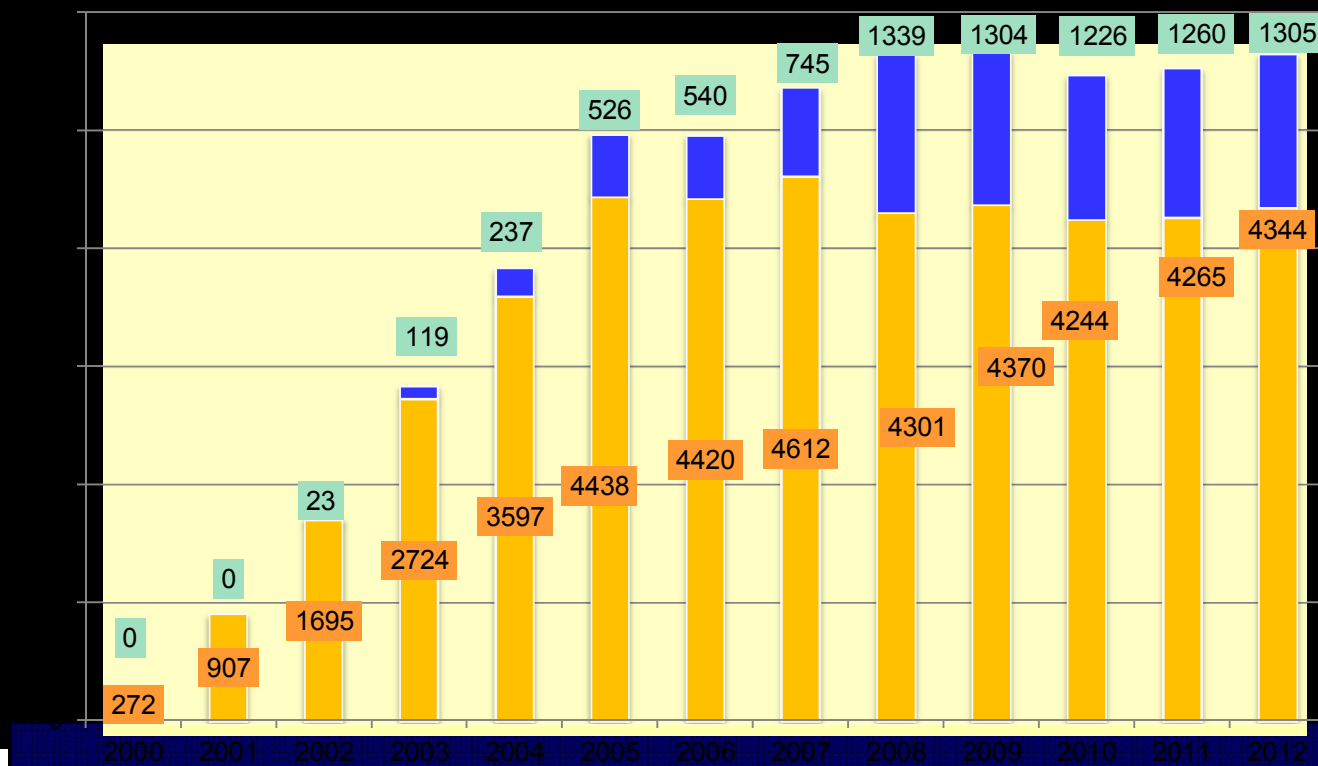
Status Quo of National University of Kaohsiung(13/38)



5,649 students in total (as in Academic Year 2012)

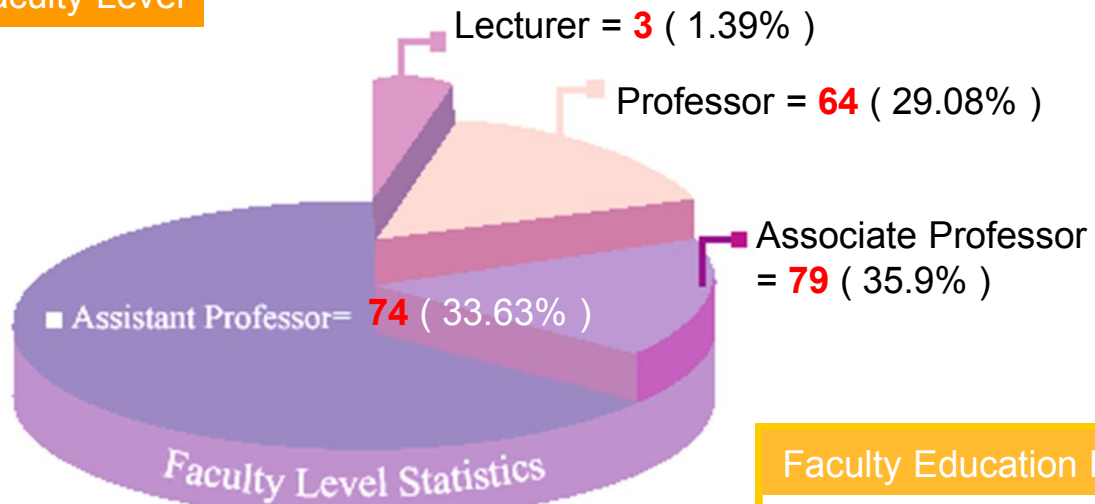


Status Quo of National University of Kaohsiung(14/38)



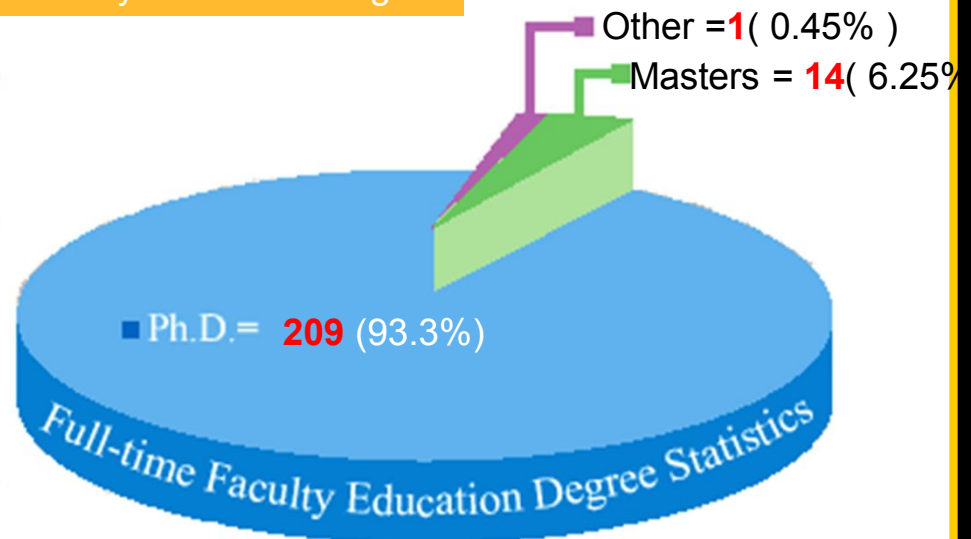
Status Quo of National University of Kaohsiung(15/38)

Faculty Level



- Average age 44 years old
- 93.3% of the faculty has PhD degree

Faculty Education Degree



Status Quo of National University of Kaohsiung(16/38)

Goals :

- Combining teaching, research and industrial demands.
- Valuing Humanistic tradition and scientific innovation.
- Nurturing the best young minds.

Vision: A University with Local Orientation and Global Reputation.



Status Quo of National University of Kaohsiung(17/38)

Aims :

- Nurturing Young Minds with Broad Vision, Scientific Knowledge and Humanistic Values.
- Linking Professional Training with Industrial Development Policies.
- Guiding Students to Think Globally.



Faculties and Departments(18/38)

College of Humanities and Social Science

Department of Western Language & Literature

Department of Kinesiology, Health, and Leisure Studies

Department of Creative Design and Architecture

Department of Asian Language

Department of Athletic Performance

College of Law

Department of Law

Department of Government and Law

Department of Financial Law

College of Management

Dept. of Applied Economics

Department of Finance

Dept. of Information Management

Dept. of Asia-Pacific Industrial and Business Management

Inst. of Business and Management

Int'l Master of Business Administration

Executive Master of Law and Business Administration

Int'l Executive Master of Business Administration (Vietnam, Shanghai, Hai-Xi)

College of Science

Department of Applied Mathematics

Department of Applied Chemistry

Department of Applied Physics

Department of Life Science

Institute of Statistics

Graduate Institute of Biotechnology

College of Engineering

Department of Electrical Engineering

Department of Civil and Environmental Engineering

Department of Chemical and Materials Engineering

Department of Computer Science and Information Engineering

20 Undergraduate Programs
20 Full-time Masters Programs
9 Part-time Masters Programs
3 Doctoral Programs
4 EMBA Programs
3 Two-year Programs
(As in Academic Year 2012)



Status Quo of National University of Kaohsiung(19/38)

Department of East Asian Languages and Literature

Characteristics:

- Education Abroad Programme:

Short-term study in in our partner schools in
Japan, Korea and Vietnam.

- Internship Programme:

Complete **200 hours** of training in corporations
before graduation.



Status Quo of National University of Kaohsiung(20/38)

Department of East Asian Languages and Literature

Courses:

- Japanese Program (20 students)
- Korean Program (15 students)
- Vietnamese Program (15 students)

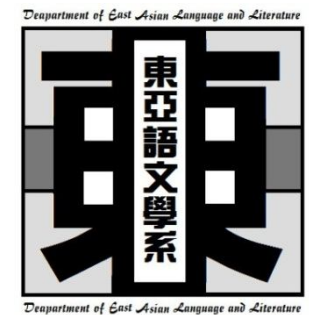


Status Quo of National University of Kaohsiung(21/38)

Department of East Asian Languages and Literature



Situation
Classroom



Status Quo of National University of Kaohsiung(22/38)

Department of East Asian Languages and Literature



Japanese
Summer
Festival

Department of East Asian Language and Literature



Department of East Asian Language and Literature



Status Quo of National University of Kaohsiung(23/38)

Department of East Asian Languages and Literature



Vietnamese
Traditional
Costume



Status Quo of National University of Kaohsiung(24/38)

Department of East Asian Languages and Literature



Internship in
CQS Group,
Vietnam



Status Quo of National University of Kaohsiung(25/38)

Department of Asia-Pacific Industrial and Business Management (APIBM)

Characteristics:

- Focusing on the exploration of **new sci-tech policies** as well as knowledge and innovation management in the Asia-Pacific.
- **A one-year curriculum for Special Topics** on Asia-Pacific Industrial and Business Management for students.



Status Quo of National University of Kaohsiung(26/38)

Department of Asia-Pacific Industrial and Business Management (APIBM)

Courses:

- Business Management Program
- Industrial Management Program



Status Quo of National University of Kaohsiung(27/38)

Department of Asia-Pacific Industrial and Business Management (APIBM)



Alumni
Reunion



Status Quo of National University of Kaohsiung(28/38)

Department of Government and Law

Characteristics:

The first academic institution **integrating “politics” and “law”** by incorporating the concept **“State”** into the curriculum in Taiwan.



Status Quo of National University of Kaohsiung(29/38)

Department of Government and Law

The teaching and research are focus on :

- “politics” area → government organizations and policies
- “law” area → administrative law and constitutional law



Status Quo of National University of Kaohsiung(30/38)

Department of Government and Law



Situated Learning

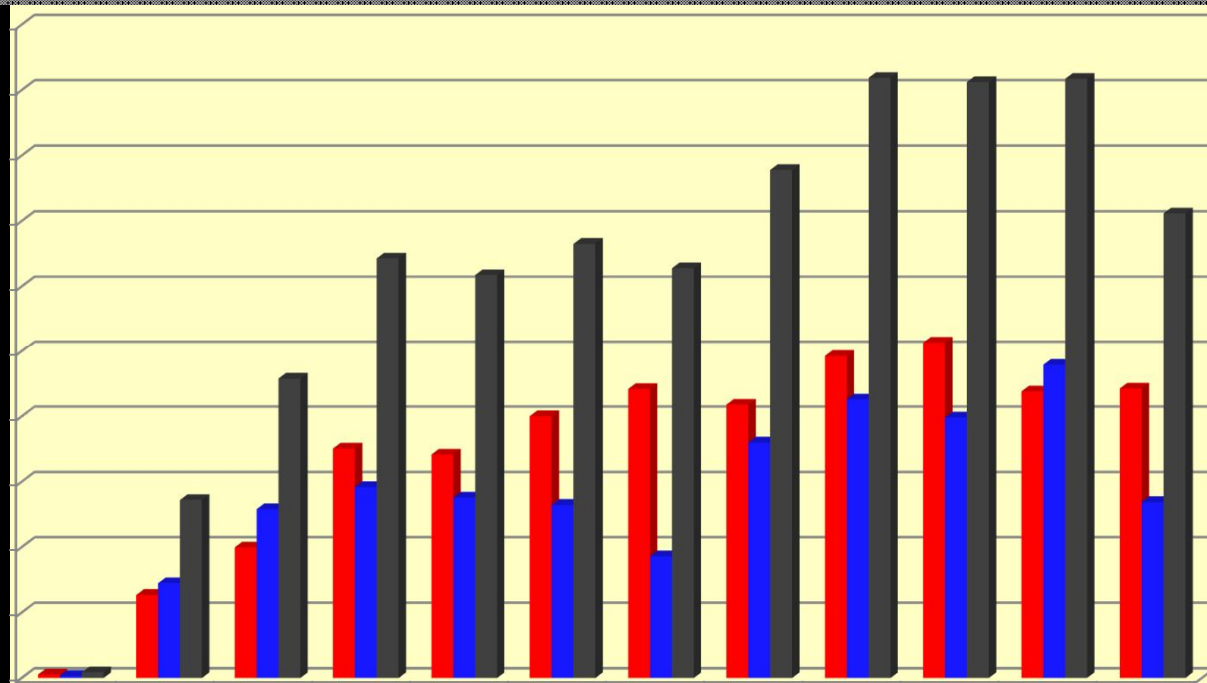


Status Quo of National University of Kaohsiung(31/38)



Status Quo of National University of Kaohsiung(32/38)

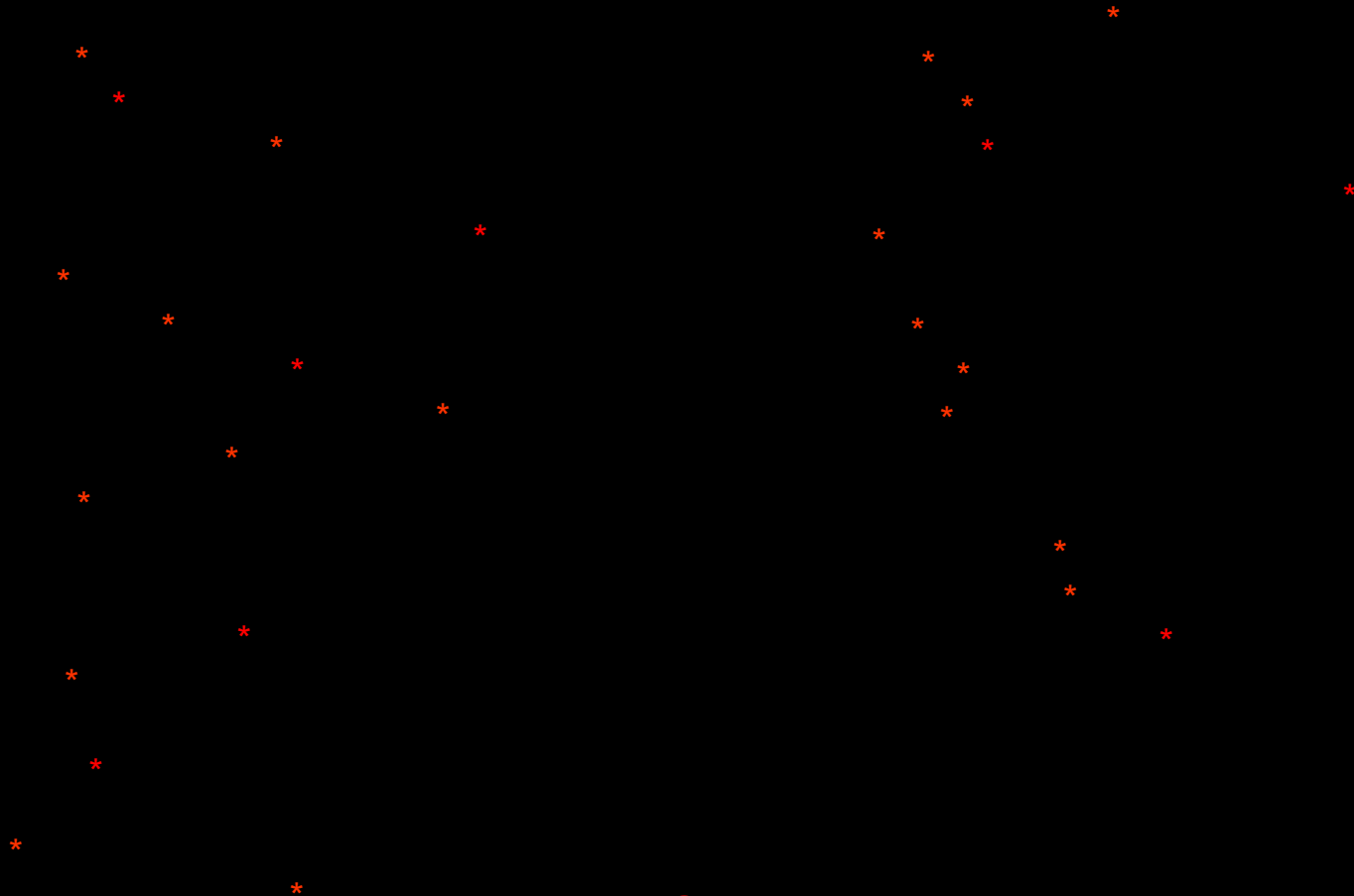
Major Funding Bodies: National Science Council (NSC)
Ministry of Education and others (Non-NSC)



Status Quo of National University of Kaohsiung(33/38)

Japan (20)

Korea (18)



* Student exchange agreements



Status Quo of National University of Kaohsiung(34/38)

Malaysia (1)

Thailand (1)

Vietnam (11)

*

*

*



student exchange agreements

Status Quo of National University of Kaohsiung(35/38)

Australia (3)

Italy(1)

Tunisia (1)

Austria (1)

U.K. (3)

*

Germany (4)

*

U.S.A. (9)

*

Lithuania(1)

France(1)

*



Status Quo of National University of Kaohsiung(36/38)

Partner Universities Worldwide



Status Quo of National University of Kaohsiung(37/38)

Student Exchange

36 institutional partners (see above*)

Study Abroad

- Columbia College, USA
- Newcastle University, UK

Dual Degree

- State University of New York at Stony Brook, USA
- University of Bedfordshire, UK
- University of Queensland, USA

Faculty Exchange

- Lac Hong University, Vietnam
- Matsuyama University, Japan



Status Quo of National University of Kaohsiung(38/38)



Talloires Declaration

EMLBA

: EMBA,IEMBA

Information Center

Library &



Overview

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- Status Quo of National University of Kaohsiung
- ✓ **Concluding Remarks**



Concluding Remarks(1/1)

- Higher education in Taiwan is towards a **diversified and international** development. In order to grasp the opportunity for reform, the government should invest resources to **enhance the international competitiveness of the University.**
- National University of Kaohsiung that is young and dynamic with rich academic research energy, will continue to strengthen **international partnerships and cooperation.**





Thank you!

National University of Kaohsiung
<http://www.nuk.edu.tw>

