In Oct. 2003, NCKU, together with university presidents of Southeast Asian countries, established the Presidents’ Forum of Southeast Asia and Taiwan Universities (SATU).

On the 2007 SATU Summit, it was extended to include 5 universities in India and SATU was renamed as the Presidents’ Forum of Southeast and South Asia and Taiwan Universities.

Member Universities:

<table>
<thead>
<tr>
<th></th>
<th>Brunei</th>
<th>Cambodia</th>
<th>India</th>
<th>Indonesia</th>
<th>Malaysia</th>
<th>The Philippines</th>
<th>Singapore</th>
<th>Taiwan</th>
<th>Thailand</th>
<th>Vietnam</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015-2016</td>
<td>1</td>
<td>0</td>
<td>3</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>2</td>
<td>52</td>
<td>7</td>
<td>4</td>
<td>84</td>
</tr>
</tbody>
</table>
SATU Achievements

- Joint Research Scheme (JRS):

<table>
<thead>
<tr>
<th>Year</th>
<th>NCKU Host</th>
<th>SATU Member Universities Host</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>4</td>
<td>---</td>
<td>4</td>
</tr>
<tr>
<td>2013</td>
<td>7</td>
<td>---</td>
<td>7</td>
</tr>
<tr>
<td>2014</td>
<td>6</td>
<td>7</td>
<td>13</td>
</tr>
<tr>
<td>2015</td>
<td>8</td>
<td>7</td>
<td>15</td>
</tr>
<tr>
<td>2016</td>
<td>5</td>
<td>19</td>
<td>24</td>
</tr>
<tr>
<td>2017</td>
<td>7</td>
<td>20</td>
<td>27</td>
</tr>
</tbody>
</table>

- Bridging University and Industry

Global Academia-Industry Alliance (GAIA) initiated by Industry-academic collaboration subcommittee for developing academia-industry collaboration.

A brand new model of international academia-industry collaboration to integrate Taiwan’s medical/healthcare industry and academic institutions to joint venture with SATU member’s spin-off companies

- Biennial Presidents’ Forum

<table>
<thead>
<tr>
<th>Year</th>
<th>Theme for Presidents’ Forum</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>Bridging University and Industry: development of academia-industry collaboration</td>
</tr>
<tr>
<td>2014</td>
<td>Transforming Asian Higher Education in the 21st Century</td>
</tr>
<tr>
<td>2016</td>
<td>Students Learning Mobility</td>
</tr>
</tbody>
</table>
Research Center in Southeast Asia

NCKU-UM GAIA Hub

NCKU launched Global Academia-Industry Alliance Hub at University of Malaya on Sep. 4, 2017, which is the best innovative model for academic-industry collaboration by far.

NCKU Research Center in Vietnam

NCKU launched overseas research center at Ho Chi Minh City Medicine and Pharmacy University on Nov. 17, 2017.
NCKU signed 357 international cooperation agreements with 239 foreign universities or institutions distributed from 35 different countries across four continents.

Currently, the agreements were inclusive of 29 dual degree programs and 154 active exchange student programs.

Levels of cooperation:
- University-wide: 183
- College-wide: 102
- Department: 58
- Center-oriented: 9
- Others: 5

Updated on Sep. 2017
Dual Degree Partners

North America
- Case Western Reserve University
- Temple University
- University of Illinois at Urbana-Champaign
- University of North Texas
- Texas Tech University
- University at Buffalo, SUNY
- Polytechnic Institute of New York University
- Southern Illinois University at Carbondale
- University of Houston
- The University of Texas at San Antonio
- The University of Florida

Europe
- University of Sheffield
- University of Manchester
- University of Leeds
- University of Lancaster
- University of Milan
- ESC Rennes School of Business
- Institute of Polytechnique des Sciences Avancees (IPSA)
- Ecole de Management de Normandie
- Brandenburg University of Technology Cottbus

Northeast Asia
- Tsinghua University
- Xi’an Jiaotong University
- Niigata University
- Hokkaido University
- Jeju National University

Southeast Asia
- Mahidol University
- Institute Sinaran
- Southern College
- New Era College
- Han Chiang College
- Malaya University
- University of Brawijaya
- Institut Teknologi Sepuluh Nopember

Oceania
- University of Queensland
NCKU
Educating Future Global Leaders
THANK YOU
NCKU research team led by Professor Woei-Jer Chuang (Department of Biochemistry and Molecular Biology), has genetically engineered snake venom, making it a unique attack on cancer cells, but also to avoid the side effects of snake venom. This world's first treatment is expected to carry out clinical trials in the near future, and will bring billions of business opportunities.

- Transfer fee with TWiB
  (Anchen Biotechnology company)
  2008  NT$ 90 million
  2013  NT $ 100 million
Stages of Industrial Revolution

- **Industry 1.0** (1784): Mechanization, water power, steam power
- **Industry 2.0** (1870): Mass production, assembly line, electricity
- **Industry 3.0** (1969): Computer and automation
- **Industry 4.0** (Today): Cyber physical system