Established in 1928, Academia Sinica is the pre-eminent academic research institution in the country.

Missions:
- To enhance research capacities in the humanities and sciences
- To conduct, promote, and facilitate scholarly research
- To cultivate outstanding academic talent
Main campus located in Taipei
- Land area: 38.4 hectares

National Biotechnology Research Park (Taipei)
- Land area: 7.12 hectares

The southern campus (Tainan)
- Land area: 7.3 hectares
Overview of Academia Sinica - Divisions

**Division of Mathematics and Physical Sciences**
- Institute of Mathematics
- Institute of Physics
- Institute of Chemistry
- Institute of Earth Sciences
- Institute of Information Science
- Institute of Statistical Science
- Institute of Atomic and Molecular Sciences
- Institute of Astronomy and Astrophysics
- Research Center for Applied Sciences
- Research Center for Environmental Changes
- Research Center for Information Technology Innovation

**Division of Life Sciences**
- Institute of Plant and Microbial Biology
- Institute of Cellular and Organismic Biology
- Institute of Biological Chemistry
- Institute of Biomedical Sciences
- Institute of Molecular Biology
- Genomics Research Center
- Biodiversity Research Center
- Agricultural Biotechnology Research Center

**Division of Humanities and Social Sciences**
- Institute of History and Philology
- Institute of Ethnology
- Institute of Modern History
- Institute of Economics
- Institute of European and American Studies
- Institute of Sociology
- Institute of Chinese Literature and Philosophy
- Institute of Taiwan History
- Institute of Linguistics
- Institutum Iurisprudentiae
- Institute of Political Science
- Research Center for Humanities and Social Sciences
A total of ~9,000 employees

976 faculty and research specialists

International scholars: 771
- Faculty: 60
- Postdocs: 194
- Visiting scholars: 60
- Graduate students: 375
- Research assistants: 82

(March, 2017)
World-wide Research Sites

01 Mpala Research Center, Kenya
02 Marine Research Station, White Sea, Russia
03 Lake Shira, Republic of Khakassia, Russia
04 Lake Oigon, Mongolia
05 Submillimeter Array (SMA)
06 The Yuan-Tseh Lee Array for Microwave Background Anisotropy (AMIBA)
07 Subaru Telescope Project, Hyper Suprime-Cam (HSC)
08 Transneptunian Automated Occultation Survey (TAOS II)
09 The Greenland Telescope and Submillimeter VLBI (GLT/VLBI)
10 Subaru Prime Focus Spectrograph (PFS)
11 European Organization for Nuclear Research – Large Hadron Collider (LHC) ATLAS Detector, Worldwide LHC Computing Grid
12 China Jinping Underground Laboratory
13 Laser Electron Photon Experiment at SFing-8 (LEPS)
14 Fermi National Accelerator Laboratory (Fermilab E906/SeaQuest Experiment)
15 E50 Experiment at Japan Proton Accelerator Research Complex (J-PARC)
16 Pohang University of Science and Technology – Pohang Light Source (PLS), Pohang Light Source II (PLS-II), Korea
17 Japan X-ray Free Electron Laser (XFEL) SACLAC
18 National Synchrotron Light Source II: Nanoprobe Beamline, Brookhaven National Laboratory, USA
19 Phase Contrast Imaging Beamline, National University of Singapore
20 International Associated Laboratory, French National Institute of Health and Medical Research (INSMR)
21 Canada-France-Hawaii Telescope (CFHT)
22 Atacama Large Millimeter/Submillimeter Array (ALMA)
23 Costal Oceans Research and Development- Indian Ocean (CORDIO) East Africa
Domestic Research Sites

24. Cape Fuguei Research Station
25. Kuo-Sheng Nuclear Power Station Neutrino Laboratory (KSNL)
26. Tatun Volcano Observatory (IVO)
27. Long-term heat stress index observation stations on the island of Taiwan
28. Broadband Array in Taiwan for Seismology (BATS)
29. Marine Research Station (MRS), Yilan County
30. Laboratory Station for Joint Research in Opto-Electronic Technology with National Chiao-Tung University
31. Crossed molecular beam apparatus and X-ray time-of-flight mass spectrometer, National Synchrotron Radiation Research Center (NSRRC)
32. Yuan-Yang Lake Work Station
33. Deep-seated Landslide Monitoring Station at the 13km Taiping Mountain Forest Trail
34. Highland Experimental Farm of National Taiwan University
35. Ceilometer
36. Transneptunian Automated Occultation Survey (TAOS)
37. Shanhua Work Station, Southern Taiwan Science Park
38. Academia Sinica Biotechnology Center in Southern Taiwan
39. Green Island Marine Research Station
40. Dongsha Atoll Research Station
41. South-East Asian Time-Series Study (SEATS)
42. Station for Longitudinal Ecological Research on Coral Reefs and Fishery Resources in Marine Protected Areas, Nansha Taiping Islands
Global Research Collaborations

Academia Sinica has developed an extensive network of partnerships with over 410 top research institutions and universities among 44 countries around the world.
Graduate Programs at Academia Sinica - TIGP

Taiwan International Graduate Program, TIGP

- 277 PhD graduates to date
- Currently 528 PhD students, including 328 international students from 43 countries
Graduate Programs at Academia Sinica – interdisciplinary PhD programs with local universities

Academia Sinica offers 12 advanced, inter-disciplinary PhD Programs through partnership with 10 universities in Taiwan.

<table>
<thead>
<tr>
<th>No.</th>
<th>programs</th>
<th>Partner Universities</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chemical Biology and Molecular Biophysics</td>
<td>NTU (臺大), NTHU (清大)</td>
</tr>
<tr>
<td>2</td>
<td>Molecular Science and Technology</td>
<td>NTHU (清大), NCU (央大), NTU (臺大)</td>
</tr>
<tr>
<td>3</td>
<td>Molecular and Biological Agricultural Sciences</td>
<td>NCHU (興大)</td>
</tr>
<tr>
<td>4</td>
<td>Molecular and Cell Biology</td>
<td>NDMC (國防)</td>
</tr>
<tr>
<td>5</td>
<td>Bioinformatics</td>
<td>NYMU (陽明), NCTU (交大), NTHU (清大), NCU (央大)</td>
</tr>
<tr>
<td>6</td>
<td>Nano Science and Technology</td>
<td>NTU (臺大), NTHU (清大)</td>
</tr>
<tr>
<td>7</td>
<td>Molecular Medicine</td>
<td>NYMU (陽明), NCTU (交大), NTHU (清大), NCU (央大)</td>
</tr>
<tr>
<td>8</td>
<td>Earth System Science</td>
<td>NCU (央大)</td>
</tr>
<tr>
<td>9</td>
<td>Biodiversity</td>
<td>NTNU (師大)</td>
</tr>
<tr>
<td>10</td>
<td>Interdisciplinary Neuroscience</td>
<td>NYMU (陽明), NCKU (成大), NTU (臺大)</td>
</tr>
<tr>
<td>11</td>
<td>Sustainable Chemical Science and Technology</td>
<td>NCTU (交大)</td>
</tr>
<tr>
<td>12</td>
<td>Social Network and Human-Centered Computing</td>
<td>NTHU (清大), NCCU (政大)</td>
</tr>
</tbody>
</table>
## Awards and Honors

<table>
<thead>
<tr>
<th>Prize or honor</th>
<th>AS Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balzan Prize</td>
<td>Wen-Hsiung Li (2003) (Genetics and Evolution)</td>
</tr>
<tr>
<td>Nobel Prize 2007 (Contribution to the scientific and technical reports that earned the Intergovernmental Panel on Climate Change (IPCC), the 2007 Nobel Peace Prize shared with Al Gore)</td>
<td>Shaw Chen Liu (2007)</td>
</tr>
<tr>
<td>Robert Robinson Award, Royal Society of Chemistry</td>
<td>Chi-Huey Wong (2015)</td>
</tr>
<tr>
<td>Achievement in Asia Award (Robert T. Poe Prize), AAA</td>
<td>Hsiang-Nan Li (2007)</td>
</tr>
<tr>
<td>IEEE Fellow</td>
<td>Wen-Lian Hsu, Mark Liao, Wen-Tsuen Chen, Din Ping Tsai, Yen-nun Huang</td>
</tr>
<tr>
<td>American Physical Society, APS Fellow</td>
<td>Din Ping Tsai, Andy Kung</td>
</tr>
</tbody>
</table>
## Awards and Honors

<table>
<thead>
<tr>
<th>Prize or honor</th>
<th>AS Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Robinson Award, Royal Society of Chemistry</td>
<td>Chi-Huey Wong(2015)</td>
</tr>
<tr>
<td>AAAS Fellow</td>
<td>Chi-Huey Wong, Na-Sheng Lin, Tuan-hua David Ho, Meng-Chao Yao, Andrew H.-J. Wang, Ning-Sun Yang, Che-Kun Shen(2003), Yue-Ie Hsing(2009), Chung-Hsuan Chen(2009), Su-May Yu(2009), Wolfgang Schmidt(2012), Wen-Hwa Lee(2012), Fu-Tong Liu(2013), Din Ping Tsai (2016)</td>
</tr>
<tr>
<td>International Fellow of American Heart Association</td>
<td>Wen-Harn Pan(2014)</td>
</tr>
<tr>
<td>Corresponding Membership Award, American Society of Plant Biologists (ASPB)</td>
<td>Su-May Yu(2014)</td>
</tr>
<tr>
<td>Fellow, American Society of Plant Biologists (ASPB)</td>
<td>Tuan-hua David Ho(2014)</td>
</tr>
<tr>
<td>Member, Global Young Academy, GYA</td>
<td>Shang-Te Danny Hsu(2012), Hsin-Chou Yang(2013)</td>
</tr>
</tbody>
</table>
National Biotechnology Research Park is under development by the cooperation of Academia Sinica, Ministry of Economic Affairs, Ministry of Science and Technology, and Ministry of Health and Welfare in Taiwan.
National Biotechnology Research Park

Translational Medicine Research Center
Bldg. A
Academic Studios
- 6 Stories - 2 Buildings
- Single Floor Area: 2,306 sqm
- Total Area: 13,836 sqm

Core Thematic Research Center
Bldg. D
Academic Studios
- 6 Stories - 1 Building
- Single Floor Area: 2,121 sqm
- Total Area: 12,726 sqm

Innovation Incubation Center
Bldg. C
Academic Studios
- 5 Stories - 2 Buildings
- Single Floor Area: 1,846 sqm
- Total Area: 9,230 sqm

Bioinformatics Service Center
Bldg. D
Academic Studios
- 6 Stories
- Single Floor Area: 1,421 sqm
- Total Area: 8,526 sqm

Development Center for Biotechnology (DCB)
Bldg. E
Ministry of Economic Affairs
- 9 Stories - 1 Building
- Single Floor Area: 1,977 sqm
- Total Area: 17,801 sqm

Taiwan Food and Drug Administration (TFDA)
Bldg. F
Ministry of Health and Welfare
- 5 Stories - 3 Buildings
- Single Floor Area: 1,771 sqm
- Total Area: 5,313 sqm

National Laboratory Animal Center (NLAC)
Bldg. G
Ministry of Science and Technology
- 6 Stories - 3 Buildings
- Single Floor Area: 2,141 sqm
- Total Area: 12,846 sqm

Area of space is calculated by the 3rd flr. of each building
Academia Sinica Southern Campus

- Location: Tainan High Speed Rail Station
  Designated Area
- Agriculture Biotechnology Building (2019)
- Two additional Interdisciplinary Buildings (2020)
1. Agricultural Biotechnology
   - Agricultural genomics
   - NGS based breeding of vegetable crops
   - Translational agricultural biotechnology
   - Synthetic biology and cash crops

2. Circular Economy and Sustainability
   - High-throughput analysis
   - Renewable and sustainable energy
   - Biomaterials

3. Taiwan History and Culture
   - Taiwan History
   - Taiwan archaeology
   - Austronesian culture history
Research Core Facilities at Academia Sinica

- AS maintains and manages core facilities, which are open to all researchers in the AS community to improve the quality of academic research.

- Protein Structural Analysis Core Facility

- Ultra High-throughput Drug Screening Facility
Research Core Facilities at Academia Sinica

- High Field NMR Facility
- Cryo-EM Core Facility
Tunneling Spectroscopic Imaging Facility

The Atacama Large Millimeter/submillimeter Array
Faculty Housing Units:
AS makes concerted efforts in recruiting and retaining outstanding research talents across disciplines, including the availability of apartment units with a complete range of facilities for qualified research fellows.
Facilities at Academia Sinica

- **Gymnasium and Restaurants**
  The gym has many sports facilities, including indoor pool, jogging track, basketball and volleyball courts, etc. A brand new food court operated by the Breeze Corp. will offer diverse dining options.
Facilities at Academia Sinica

- Scenic Places:
  Nature trail, ecopond and nature conservation area provide a relaxing green space for staff to enjoy the beauty and vivacity of nature.
Facilities at Academia Sinica

- **Museums and Memorial Halls:**

  A variety of exhibition halls add cultural and historical flavor to this campus.

  - **Hu Shih Memorial Hall**
    - [www.mh.sinica.edu.tw](http://www.mh.sinica.edu.tw/koteki/)

  - **Chien Shih-Liang Memorial Hall**
    - [www.chem.sinica.edu.tw](http://www.chem.sinica.edu.tw)

  - **Biodiversity Research Museum**
    - [museum.biodiv.tw](http://museum.biodiv.tw)

  - **Fu Ssu-nien Memorial Room**
    - [ib.ihp.sinica.edu.tw/pages/03-rare/MWSP/01/Fu.htm](http://ib.ihp.sinica.edu.tw/pages/03-rare/MWSP/01/Fu.htm)

  - **Museum of the Institute of History and Philology**
    - [museum.sinica.edu.tw](http://museum.sinica.edu.tw)

  - **Museum of the Institute of Ethnology**
    - [www.be.sinica.edu.tw/museum](http://www.be.sinica.edu.tw/museum)

  - **Lingnan Fine Arts Museum**
    - [lnlam.sinica.edu.tw](http://lnlam.sinica.edu.tw)

  - **Wu Ta-You Memorial Hall**
    - [www.phys.sinica.edu.tw/~tywufund](http://www.phys.sinica.edu.tw/~tywufund)
Facilities at Academia Sinica

- **AS Libraries:**
  There are a total of 18 libraries dedicated to different research areas in 3 divisions of Academia Sinica.
Education and Health Care:
In addition to the neighboring schools and medical institutions, AS has its own infirmary and kindergarten.

<table>
<thead>
<tr>
<th>Schools and Medical Inst.</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taipei Municipal Hu Shih Elementary School</td>
<td>No.1, Sec. 1, Jioujuang St., Taipei City</td>
</tr>
<tr>
<td>Taipei Municipal Jioujuang Elementary School</td>
<td>No.100, Sec. 1, Jioujuang St., Taipei City</td>
</tr>
<tr>
<td>Taipei Municipal NanGang Elementary School (Bilingual)</td>
<td>No.67, Huimin St., Nangang Dist., Taipei City</td>
</tr>
<tr>
<td>Pai-Yun Primary School in New Taipei City</td>
<td>No.90, Sec. 2, Minquan St., Xizhi Dist., New Taipei City</td>
</tr>
<tr>
<td>Taipei Municipal Cheng Zheng Junior High School</td>
<td>No.24, Ln. 1, Fukang St., Nangang Dist., Taipei City</td>
</tr>
<tr>
<td>Taipei City Hospital Zhongxiao Branch</td>
<td>No.87, Tongde Rd., Nangang Dist., Taipei City</td>
</tr>
<tr>
<td>The Tri-Service General Hospital Neihu Main Facility</td>
<td>No.325, Sec. 2, Chenggong Rd., Neihu District, Taipei City</td>
</tr>
</tbody>
</table>
Academia Sinica Recruitment

**Mathematics & Physical Sciences**
- Networking & Security
- Atomic Physics & Optical Science
- Chemical Dynamics & Spectroscopy
- Advanced Materials & Surface Science
- Condensed-matter Physics
- Particle Physics
- Biophysics & Soft-materials
- Chemistry
- Synthetic Methodology
- Catalysis
- Material Chemistries
- Sustainable Chemistry
- Earth Science

**Life Sciences**
- Cancer
- Cardiovascular Disease
- Infection & Immunology
- Neuroscience
- Structure Biology
- Stem Cell Biology
- Chromosome Biology
- Developmental Biology
- RNA Biology
- Microbiology
- Epidemiology & Genetics
- Evolutionary Biology
- Plant Biology and Pathology
- Agricultural Biotechnology
- Herbal Medicine
Thank you