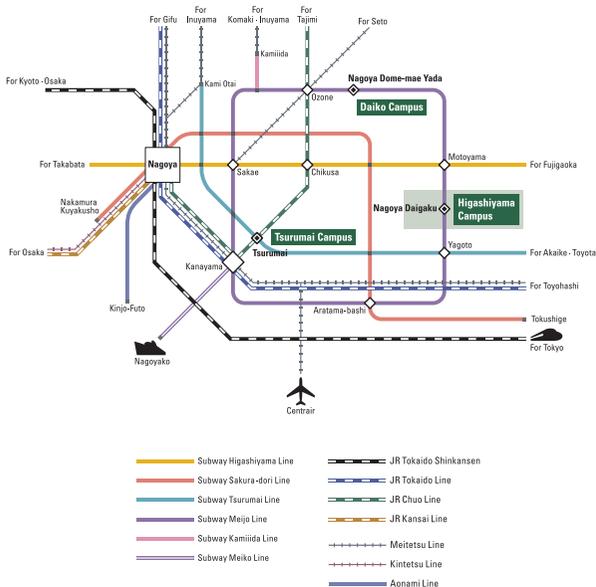


### About the City of Nagoya

- Nagoya City has one of the top-ranking economies worldwide, boasting leading industries in automotive manufacturing, machinery, electronics, and ceramics.
- The Chubu area of Japan is particularly renowned as the home of three leaders, Oda Nobunaga, Toyotomi Hideyoshi, and Tokugawa Ieyasu, who unified Japan over 400 years ago, bringing an end to the "Period of Warring States."
- Nagoya Castle, originally built by Tokugawa Ieyasu and famous for the golden dolphins found on its donjon, serves as the landmark of the region.



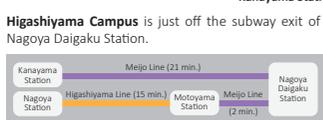
### Access to Nagoya University



#### Access to Nagoya / Kanayama Station



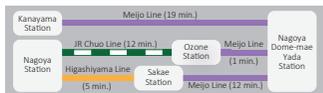
#### Access to Nagoya University from Nagoya / Kanayama Station



#### Tsurumai Campus is 5 minutes walk from Tsurumai Station.



#### Daiko Campus is 5 minutes walk from Nagoya Dome-mae Yada Station.



- Subway Higashiyama Line
- Subway Sakura-dori Line
- Subway Tsurumai Line
- Subway Meitetsu Line
- Subway Kamiida Line
- Subway Meiko Line
- JR Tokaido Shinkansen
- JR Tokaido Line
- JR Chuo Line
- JR Kansai Line
- Meitetsu Line
- Kintetsu Line
- Aonami Line



Academic Research & Industry-Academia-Government Collaboration  
 学術研究・産学官連携推進本部  
 NIC, Furo-cho, Chikusa-ku, Nagoya, 464-8601, Japan  
[www.aip.nagoya-u.ac.jp/en/](http://www.aip.nagoya-u.ac.jp/en/)



# NAGOYA UNIVERSITY At a Glance 2019



名古屋大学  
NAGOYA UNIVERSITY

### About Nagoya University

Nagoya University has a history of about 150 years, with its roots in a temporary medical school/hospital established in 1871 and formally instituted as the last Imperial University of Japan in 1939. Although modest in size compared to the largest universities in Japan, Nagoya University has been pursuing steady development through creative research activities fostered by a free and vibrant academic culture. To further strengthen the research and education, Nagoya University is actively promoting interactivity to cultivate talented people and to develop an international human network.

### Education & Research

Nagoya University is made up of 9 Undergraduate Schools, 13 Graduate Schools, 3 Research Institutes, 19 Research Centers, and others.

#### Undergraduate

- Humanities
- Education
- Law
- Economics
- Informatics
- Science
- Medicine
- Engineering
- Agricultural Sciences

#### Graduate

- Humanities
- Education and Human Development
- Law
- Economics
- Informatics
- Science
- Medicine
- Engineering
- Bioagricultural Sciences
- International Development
- Mathematics
- Environmental Studies
- Pharmaceutical Sciences

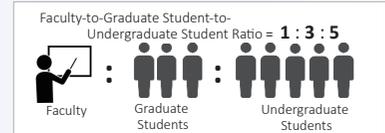
### Achievements & Excellence

- 6 Nobel Prize recipients this century.
- 111th in QS World University Rankings (2018-2019).
- 26th in QS Asia University Rankings (2018-2019).
- Among top 100 universities for 4 subjects: Chemical Engineering; Agriculture & Forestry; Chemistry; and Physics & Astronomy (QS 2019).
- Global gender equality selected as one of the 10 HeForShe University IMPACT Champions by UN Women.

### Members As of May 1, 2019

- Faculty 1,881  
Professors : 636  
Associate Professors : 508  
Lecturers : 167  
Assistant Professors : 394  
Research Associates : 2  
Researchers : 174
- Students 15,806  
Undergraduate Students : 9,628  
Graduate Students : 6,168  
incl. 2,641 International Students  
(115 Countries / Regions).

\*Data include the number of staff under limited-time contracts.



### World-Class Research Excellence - Nobel Laureates -

Since entering the 21st century, 16 Japanese researchers have received a Nobel Prize. Among these, six are graduates of or have been affiliated with Nagoya University as faculty members during their careers. This number of Laureates is the highest in Japan.



**Dr. Ryoji Noyori**  
Nobel Prize in Chemistry (2001)  
for work on chiral catalysed hydrogenation reactions



**Dr. Makoto Kobayashi & Dr. Toshihide Maskawa**  
Nobel Prize in Physics (2008)  
for the discovery of the origin of broken symmetry which predicts the existence of at least three families of quarks in nature

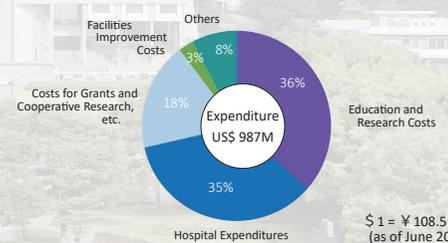
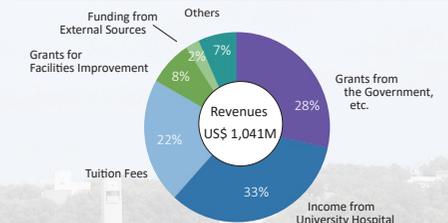


**Dr. Osamu Shimomura**  
Nobel Prize in Chemistry (2008)  
for the discovery and development of green fluorescent protein, GFP



**Dr. Isamu Akasaki & Dr. Hiroshi Amano**  
Nobel Prize in Physics (2014)  
for their pioneering efforts on the blue light emitting diode, LED

### Annual Budgets FY 2018



\$ 1 = ¥ 108.5  
(as of June 2019)

Reference : Nagoya University Profile  
[http://en.nagoya-u.ac.jp/about\\_nu/publication/profile/index.html](http://en.nagoya-u.ac.jp/about_nu/publication/profile/index.html)



## New Flagship

### Research Institutes and Centers at Nagoya University

#### Institute of Materials and Systems for Sustainability (IMaSS)



C-TEFs building



<http://www.imass.nagoya-u.ac.jp/en/index.html>

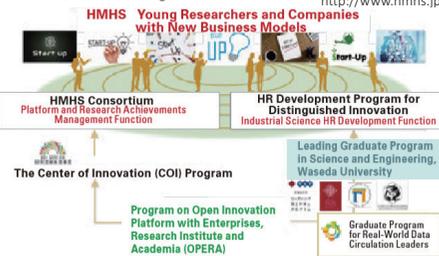
IMaSS is engaged in fundamental research on elemental technologies, including advanced materials and devices, as well as system technologies, for practical deployment in society. The Center for Integrated Research of Future Electronics, Transformative Electronics Facilities (C-TEFs), established in IMaSS in FY 2018, is an experimental facility for conducting accelerated crystal growth, device process and evaluation in GaN research and development.

#### National Human Machine Harmonization System (HMHS) Consortium

The consortium offers an environment that fosters open innovation driven by collaboration between four public research institutions that play a key role in research on 'Harmaware', a system seeking harmonization of relations between humans and intelligent machines.



<http://www.hmhs.jp/>



#### Disaster Mitigation Research Center (DMRC)

Since the Nagoya area is the center of industrial production in Japan, natural hazard risks due to the high likelihood of major earthquakes, destructive floods, and storms may cause a serious crisis at a national level. DMRC, which brings together experts with various backgrounds such as engineering, earth science, social science and humanities, promotes cooperative multidisciplinary research for development and application of a state-of-the-art disaster mitigation model to ensure safety and security for the local community.



Disaster Mitigation Research Building



Inside the Building

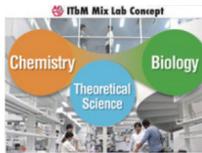


<http://www.gensai.nagoya-u.ac.jp/en/>

Of the seven former imperial universities in Japan, Nagoya University was founded last. Faculty at that time came to Nagoya from all over Japan; they helped students and young researchers pursue their research freely, and this academic culture has been inherited by today's generation.

It is said that the main reason for Nagoya University's surge of progress is its free and vibrant academic culture.

#### Institute of Transformative Bio-Molecules (ITbM)



Concept of ITbM



<http://www.itbm.nagoya-u.ac.jp/>

ITbM, the first international institute, merges synthetic chemistry and plant/animal biology to pursue cutting-edge interdisciplinary work delivering bio-molecules that have a major impact on people's lives. The institute's name reflects its commitment to producing major innovations to benefit society.

ITbM received the highest score on WPI's interim evaluation in 2016.

\*WPI: World Premier International Research Center Initiative, the flagship project of the Ministry of Education, Culture, Sports, Science and Technology (MEXT)

#### National Composite Center (NCC)

The carbon fiber (CF) manufacturing industries in Japan are considered to be one of the country's strongest fields, holding a 70% share of the world market. NCC focuses on automotive and aerospace industries, based in the Greater Nagoya Area which lead the world in their respective fields. A national project aiming at applying thermoplastic carbon fiber reinforced plastic (CFRP) to automotive industries and Long Fiber Thermoplastic-Direct (LFT-D) technologies will enable high productivity and low cost processes for future automotive industries.



LFT-D Chassis Structure



<http://ncc.engg.nagoya-u.ac.jp/>

#### Mobility Innovation Center (NagoyaUniversity COI)

- Empowering an aging society through advanced mobility -

Mobility Innovation Center implements innovative technologies to empower an aging society through advanced mobility. The three pillars are 1) Driving Assistance System and Autonomous cars for safe and reliable mobility, 2) Physical Conditions and Mental Inspiration for outside activity, and 3) Participatory Society to foster mutual aid and self-esteem.



Testing on Public Roads



<http://www.coi.nagoya-u.ac.jp/en>

## Programs for Nurturing Future Global Leaders by Nagoya University

#### The Development of Joint Degree Program



The University of Edinburgh

In the joint degree program, students receive a single diploma with the names of both universities upon completion of the program and spend a predetermined period of time studying in both universities without extending their period of enrollment.



<http://tgu.nagoya-u.ac.jp/en/joint/>

#### Nagoya University Overseas Take-off Initiative (NU-OTI)



Partner Institution: University of Iceland

NU-OTI is a university-wide Student Exchange Program with over 180 partner universities and institutions. Students are allowed to take classes as "exchange students" at the partner universities they are sent to for a given period of time.



<http://ieec.iee.nagoya-u.ac.jp/en/abroad/kokan.html>

#### Fresh Insights, Intellectual Stimulation, and a Global Perspective through Student Exchange (NUPACE)



Visit to Hanabi (Fire-Works)

Established in February 1996, NUPACE is an academic student exchange program through which international students enrolled at Nagoya University's partner institutions can study in Japan for four to twelve months.



<http://nupace.ecis.nagoya-u.ac.jp/en/>

#### Nagoya University Short-Term Japanese Language Program (NUSTEP)



Presentation in Japanese Class

NUSTEP offers two weeks of intensive Japanese classes aiming to promote a greater understanding of Japanese culture and society. Participants will join special lectures by faculty and visit some laboratories on campus.



<http://ieec.iee.nagoya-u.ac.jp/ja/nustep/index.html>

Nagoya University has implemented the Top Global University Project. In terms of research its goal is the "enhancement of cutting-edge research at a world-class level," while in terms of education it aims to "become an attractive global university."

Achieving these goals specifically in Asia, Nagoya University is determined to become an "Asian hub university."

#### Nagoya University Summer Intensive Program (NUSIP)



Visit to National Traffic Society and Environmental Laboratory

With support and cooperation from the Japanese automotive industry and related enterprises, the Graduate School of Engineering offers a 6-week summer program entitled "Latest Advanced Technology & Tasks in Automobile Engineering."



<http://www.engg.nagoya-u.ac.jp/en/nusip/index.html>

#### The Nagoya University Global 30 International Programs

- Undergraduate and Graduate Degrees Taught in English -



A Scene from the G30 Program

The Nagoya University Global 30 International Program offers undergraduate and graduate full-programs taught in English, aiming to provide a world-class education to high achieving students worldwide, regardless of their Japanese proficiency.



<http://admissions.g30.nagoya-u.ac.jp/>

#### Asian Satellite Campuses

- Transnational Doctoral Programs for Leading Professionals in Asian Countries -



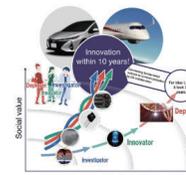
A Class at a Satellite Campus (Cambodia)

Nagoya University offers special research-based doctoral programs, which primarily target professionals in government positions from countries that host its satellite campuses in six countries: Vietnam, Cambodia, Mongolia, Uzbekistan, Laos, and the Philippines.



<http://asci.nagoya-u.ac.jp/>

#### DII Collaborative Graduate Program



The Vision of DII Collaborative Graduate program

This program designed for graduate students of the School of Engineering aims to cultivate future deployers, innovators and investigators who can shorten the time to realize innovation.



<https://www.dii.engg.nagoya-u.ac.jp/en/>