The Health Sciences University of Hokkaido (HSUH) is located in Tobetsu, approximately 40 kilometers from central Sapporo. Sapporo is the fifth largest city in Japan (population: >1,760,000) and hosted the 1972 Winter Olympics. The world-famous Sapporo Snow Festival is held in early February each year. The Tobetsu Campus, can be easily reached by train ride from Sapporo Station using the Japan Railway Gakuen Toshi-son (45-minute ride). The Ainosato Campus is reachable via the same train line (25-minute ride).
Outline of History

Organization

A Message from the President

Health Sciences University of Hokkaido was established on an educational ideal that aimed to combine knowledge, virtue, and physical well-being in 1974. This year, we celebrate our 44th anniversary. We, the northern base for fostering new health professionals, are a medical university devoted to the social mission of nurturing specialists for regional healthcare. Our university is comprised of five faculties and graduate schools, including the School of Pharmaceutical Sciences, School of Dentistry, School of Nursing & Social Services, School of Psychological Sciences, and School of Rehabilitation Sciences, which was established four years ago and just graduated its first class of students. We also have a Dental Hygienist School affiliated with the School of Dentistry. We now have approximately 3,500 active students on our two campuses in Tobetsu and Alnosato. We also have a Sapporo Satellite Campus located near Sapporo station. The main campus is situated in the Tobetsu countryside and is set against a backdrop of rich green hills overlooking the vast Ishikari Plain. An up-to-date facility with modern equipment in such luxurious natural surroundings -- our university is indeed the ideal setting for higher education.

Today, universities face a strong demand for professionals to respond to the various needs of our society. Our university is highly regarded by the outside community and has received outstanding recommendations for its regional contributions among all medical based universities nationwide. These accolades could be earned because of the tireless efforts of our alumni, who number around 20,000. The superb environment provided by our university also encourages club or volunteer activities in addition to academic pursuits. Everything is so enjoyable here that what may seem at first like a long wait before the completion of a course or graduation, actually, goes by in the blink of an eye. As the President of this university, I bear the enormous responsibility of helping each student find his or her career path in the few years that they are enrolled here. Hokkaido is a splendid land, blessed with the features of the four seasons. By providing the best education in a land privileged by beauty, our students will find fulfillment in both academic and campus life, and this is what makes the Health Sciences University of Hokkaido a future Mecca for hopeful students, a place all medical based professionals will aspire to attend. We would like to extend our warmest welcome to all aspiring experts to join the Health Sciences University of Hokkaido as we continue to strive as “the northern base for fostering new health professionals.”

President
Masahiro Asaka, M.D., Ph.D.
Comprehensive Education of Pharmaceutical Sciences and Medical Sciences

The conceptual framework of Pharmaceutical Care, as proposed by the World Health Organization, has now spread globally emphasizing the important role of the pharmacist in disease management. The concept stresses the welfare of the patient and the pharmacists’ aim to provide the most effective treatments and comprehensive healthcare to the community. The pharmacist is expected to expand his/her expertise from the individual patient to the entire community.

Since the introduction of the 6-year program in 2006, the School of Pharmaceutical Sciences has fostered the development of pharmaceutical professionals in an ideal environment for practical training. The School in vast Medicinal Botanic Garden (approx. 2,900 m²) includes the Northern Traditional Medicine Research Center, offering an opportunity for education and research in northern traditional medicines. In addition, the School offers training programs at universities overseas to nurture pharmacists able to play a leading role in international educational and research activities. Students are offered tailored guidance and assisted to improve their knowledge using the wonderful learning environment and unique systems already in place. Consequently, the School has maintained high pass rates in the Japanese national License examination for pharmacists.
Practice of Total Oral Health

An important characteristic of the School is the development of a 6-year educational program. This innovative program was designed and implemented to bring the students closer to the patients and improve their future practice as clinicians. To maintain the idea that total care treatment is an indispensable practice for oral and dental care, our curriculum is interwoven with a variety of specialized courses not limited to the field of dentistry.

The aim of the School is to produce dentists who can contribute to an overall preventive and healthcare program and consequently, improve the patient’s quality of life.

Another important characteristic of the School is the initiative to make significant contributions to our local communities by examining and treating the disabled. In 1995, a special program was initiated in collaboration with the town of Tobetsu. The program involves visits conducted by dentists to homes of disabled patients who are in need of our services. The School of Dentistry is proud to be a pioneer in the provision of community healthcare.

School Information

- Oral Rehabilitation
- Periodontology and Endodontology
- Clinical Cardiology and Endocrinology
- Advanced Operative Dentistry
- Occlusion and Removable Prosthodontics
- Fixed Prosthodontics and Orthodontics
- Advanced Prosthodontics
- Biomaterials and Bioengineering
- Oral Biology
- Physiology
- Biochemistry
- Pharmacology
- Histology
- Human Biology and Pathophysiology
  - Reconstructive Surgery for Oral and Maxillofacial Region
  - Oral and Maxillofacial Surgery
  - Oral and Maxillofacial Radiology
  - Orthodontics
  - Oral Medicine and Pathology
  - Head and Neck Medicine

Oral Growth and Development
- Orthodontics and Dentofacial Orthopedics
- Pediatric Dentistry
- Disease Control and Molecular Epidemiology
- Anatomical
- Histology

Integrated Human Sciences
- Advanced Clinical Education
- Dental Education Development

A New Approach in Japan: Integrating Nursing and Social Service

Although healthcare and social services should be considered on the same basis in the overall comprehensive care for a patient, they are currently split into completely different entities. As a result, nursing education is categorized under medical education, whereas social services belong to social sciences. The School of Nursing and Social Sciences was founded in 1993, aiming to educate healthcare professionals. The students undertaking this training experience an integration of skills in nursing as well as social services.

The School consists of 2 courses: Nursing and Social Work. A mutual exchange of courses, training, and research are unique to our School and this special characteristic of the curriculum has been an innovative force in Japan.

School Information

- Nursing
  - Fundamental Health Sciences
  - Maternal and Child Nursing
  - Community Health Nursing
  - Adult Health Nursing
  - Clinical Nursing

Social Work Practice

Social Work education is well established in Japan. However, the actualization of the social work service remains inadequate. Currently, there is an urgent requirement for professionally trained social workers to play an active role in our society. Our curriculum aims to educate the social work specialist in the fields of welfare and healthcare. In particular, it emphasizes the value of practical experience and provides the students with various practical opportunities.

Our educational program includes training on assisting people with physical and/or mental challenges by supporting their physical, psychological, social, and/or economic struggles. Graduates of our program are employed by social agencies, social welfare facilities and organizations, and hospitals.

- Study of Medical Welfare Policy
- Social Work Practice
Be a Communication Specialist Who Links People Heart to Heart

Our School has a strong emphasis on the scientific approach in psychology, enabling students to understand the physical, psychological, and social characteristics of patients, as well as their problems. Our program aims to train professionals in fields such as mental health, counseling, and education, among others, and to develop the skills necessary to address the challenges of modern life. The psychological sciences are fundamental to our understanding of the human mind and behavior.
Graduate Schools

There are 5 Graduate Schools in the HSJH:
Pharmaceutical Sciences, Dentistry, Nursing & Social Service, Psychological Sciences, and Rehabilitation Sciences.
Under the concept of the total care treatment, every Graduate School conducts original as well as interdisciplinary research.

Graduate School of Pharmaceutical Sciences

To Meet Society’s Increasing Need for Accomplished Medical Professionals, We Offer the Life Sciences and Pharmaceutical Master’s Program.
The Life Sciences and Pharmaceutical Master’s Program is divided in 6 courses namely Drug Development Sciences, Physical and Life Sciences, Hygienic Pharmaceutics, Molecular Life Science, Pharmacology, and Pharmaceutics. The Master’s Program, with a strong focus on the sciences, develops the specialist knowledge and research skills necessary for pharmaceutical research and development.

Graduate School of Dentistry

From General Dentistry to Dental Medicine: Developing a Perspective of Comprehensive Care
Modern dentistry is changing from the practice of treating oral diseases to a health science with emphasis on prevention and care for each patient. The Graduate School has created a research course as well as a Certified Specialist Physician course to respond to the needs of modern dentistry. We are committed to training dental practitioners and researchers who will be able to treat patients from a comprehensive perspective and further develop dental medicine, respectively.

Graduate School of Nursing & Social Services

Nurse Practitioner (NP) and Clinical Nurse Specialist (CNS) Educational Programs Enhancing Specialization
In the Master’s division of Nursing training, we have created a CNS curriculum that “enhances students’ superior practical ability in a specialized nursing field and nurtures their capacity for leadership and research skills crucial in supporting practitioners.” In 2010, the University also initiated the NP training. This is the 4th institution in Japan to offer this training and has one of the leading educational environments in the country.

Graduate School of Psychological Sciences

The First Graduate School for Training of Clinical Psychologists
To meet the demands of modern society, the department conducts research and provides education focused on the following four areas: curriculum reform, improvement of student teaching, intern-based clinical psychological aid for remote areas, and community support projects.

Graduate School of Rehabilitation Sciences

We Aim to Scientifically Validate the Interventional Effects of Physical Therapy and Occupational Therapy, and Train Highly Skilled Professionals in the Field of Rehabilitation
As the Graduate School of Rehabilitation Sciences, we view disease prevention (primary prevention), life-saving and inhibition of disease progression (secondary prevention), as well as prevention of disease recurrence (tertiary prevention) from the perspective of total care in the fields of health, medical care, and welfare. Moreover, we aim to train personnel who can practically and scientifically promote the application of intervention methods designed to enhance the vital functions and quality of life of patients.
Partner Institutions

There are ongoing exchanges of students and faculty members, short-term exchange programs, and academic seminars between the HSUH and partner institutions. In addition, we participate in language and culture seminar programs held annually at partner universities. Moreover, there are numerous collaborative research projects being conducted with universities and institutes worldwide.

Short-Term Exchange Program

We offer an exchange program (duration: approximately 1½ weeks) provided in English for the students of our partner universities. Through this program, students have the opportunity to learn different aspects of Japanese health sciences and to interact with local students as well as students of other universities around the world.

Cooperation Between Universities

| University of Alberta (Edmonton, CANADA) | 1992 |
| Taipei Medical University (Taipei, TAIWAN) | 2004 |
| Central South University (Changsha, CHINA) | 2007 |
| Monash University (Melbourne, AUSTRALIA) | 2008 |
| Far Eastern State Medical University (Khабаровск, RUSSIA) | 2016 |

Cooperation Between Faculties

<table>
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<tr>
<th>University</th>
<th>Faculty</th>
<th>Our Faculty</th>
<th>Collaboration Year</th>
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<tbody>
<tr>
<td>Tongji University (Shanghai, CHINA)</td>
<td>Stomatology</td>
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<td>1993</td>
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<tr>
<td>University of Buffalo, The State University of New York (Buffalo, USA)</td>
<td>Nursing</td>
<td>Nursing &amp; Social Services</td>
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<td></td>
<td>Dentistry</td>
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<td></td>
<td>Odontology</td>
<td>Dentistry</td>
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<td></td>
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<td>Dentistry</td>
<td>2016</td>
</tr>
<tr>
<td>Medical University of Lodz (Lodz, POLAND)</td>
<td>Dentistry</td>
<td>Dentistry</td>
<td>2017</td>
</tr>
<tr>
<td>Medical and Veterinary University of Warsaw (Warsaw, POLAND)</td>
<td>Dentistry</td>
<td>Dentistry</td>
<td>2017</td>
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Cooperation With Institutions

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<th>Our Faculty</th>
<th>Collaboration Year</th>
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<td>Ministry of Health of the Sakhalin Region (Sakhalin, RUSSIA)</td>
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<td>2015</td>
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<tr>
<td>Jung IlYoung, Frankfurt School of Management and Law</td>
<td>Dentistry</td>
<td>2015</td>
</tr>
<tr>
<td>Terminmill, Institute of professional education for public health service</td>
<td>A1</td>
<td>2017</td>
</tr>
</tbody>
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Facilities

Tobetsu Campus

The Tobetsu Campus is the main campus of the HSUH. It comprises the Administrative Section, School of Pharmaceutical Sciences, School of Dentistry, School of Nursing and Social Services, School of Rehabilitation Sciences, and School of Psychological Sciences. In addition, it includes many facilities and institutions supporting research and education. The campus is surrounded by farms and hills. The students enjoy the quietness of the white in winter and lively green in summer. It can be reached by train from Sapporo Station (45-minute ride).

School of Pharmaceutical Sciences
School of Dentistry
School of Nursing & Social Services
School of Psychological Sciences
School of Rehabilitation Sciences

Medical Botanical Garden

The Garden contains more than 200 species of medicinal plants growing naturally in the northern area. The greenhouse contains 220 species of plants from around the world, including many new plants used for medicinal purposes. The garden is open to the public and contributes to the education in medicinal and natural sciences.

Central Lecture Building

The Central Lecture Building is a 10-story facility including lecture rooms and practice rooms used by the School of Pharmaceutical Sciences and School of Rehabilitation Sciences, as well as recreation areas for students. This is the new landmark of the university.

International Education and Exchange Center

In 2013, the Global Networking Office was established. In 2017, the center was restructured and renamed to International Education and Exchange Center (IEEC). The principal objectives of the IEEC are to promote the HSUH abroad and exchange cultural views and new ideas on education systems with various institutes and universities from around the world. Moreover, the IEEC offers support to foreign students during their stay in Japan and assists them in every possible way. Currently, the IEEC has activities in four sectors: International collaboration and exchange, overseas admission of interested applicants, research and educational exchange, and international student counseling. The international activities of all schools of the HSUH are supported and promoted by the IEEC.

Mail: globalnetworkingoffice@hsuh-u.ac.jp

Barrier-free Lab

The 6th and 7th Floors of Central Lecture Building have training rooms for Department of Physical Therapy and Occupational Therapy of Faculty of Rehabilitation Sciences. The latest equipment is installed in each room.

Barren-free Lab

Clinical Pharmacy Training Room

The Clinical Pharmacy Training Room recreates the pharmacy workplace facilities including Prescription Laboratory, Aseptic Compounding Pharmacy, Insulin Management Room, and Medication Room. All training environments are designed to be as similar as possible to real hospital pharmacy settings.
Tobetsu Campus

HSUH Dental Clinic
Departments of the HSUH Dental Clinic include Operative Dentistry, Endodontics, Periodontics, Prosthodontics, Oral and Maxillofacial Surgery, Pediatric Dentistry, Orthodontics, Dental Anesthesiology, and Dental Radiology. The Clinic offers care to the local community, students, and staff.

University Library
The Library possesses more than 250,000 copies of books, journals, periodicals, and audiovisual materials. A variety of reference services is available, including the utilization of CD-ROM and the Internet. Of note, there is also a branch library on the Ainosato campus.

The Research Institute of Health Sciences
The Institute was established to assist research and promote Health Sciences. Research is conducted in the following nine areas: Molecular Biology, Basic Research, Cell Structure and Function, Medical Science, Pathology, Reproduction Biology, Health Sciences for Aging, Life Value Sciences, and Health Sociology.

Center for Experimental Animals
The center maintains more than 1,000 experimental animals and is managed by the Animal Ethics and Research Committee. All experiments involving animals are conducted in compliance with "The Guidelines for the Care and Use of Laboratory Animals, HSUH."  

Dental Hygienist School
The Dental Hygienist School is attached to the School of Dentistry. The School was founded in 1988 and has produced about 1,000 graduates. Its outstanding educational results are demonstrated by the high success rates achieved by students of the School with regard to the National License for Dental Hygienists.

Sapporo Ainosato Campus

The Ainosato Campus is located on the north of Sapporo city. It can be reached by train from Sapporo Station (25-minute ride). The area includes a quiet residential facilities and a shopping center. The Ainosato Campus includes the Graduate School of Psychological Sciences, the HSUH Hospital and Institute of Preventive Medical Science, and the Center of Clinical and Developmental Psychology.

Graduate School of Psychological Sciences

HSUH Hospital
The hospital was renamed to HSUH Hospital in 2015. The former hospital was attached to the School of Dentistry. Our university’s executive human resources (e.g., medical doctors, dentists, psychologists, pharmacists, speech therapists, nurses, social workers, and researchers) work more collaboratively. The hospital consists of medical departments including Internal Medicine, Psychiatric Internal Medicine, Pediatrics, Orthopedic, Orthopedic Surgery, Orthopedic Surgery, Dermatology, and Dermatology. Dental departments include Operative Dentistry, Endodontics, Periodontics, Prosthodontics, Oral and Maxillofacial Surgery, Orthodontics, Pediatric Dentistry, and Dental Anesthesiology. Moreover, there are inpatient units, new operating rooms, and clinical psychology treatment rooms as well as treatment rooms for speech and hearing. Our hospital makes an effort to develop improved treatments for diseases in cooperation with the School of Dentistry, School of Pharmaceutical Sciences, School of Nursing and Social Services, and School of Psychological Sciences. The Institute of Preventive Medical Sciences was founded in 1999. This is a clinical, experimental, and educational organization of the HSUH offering medical, dental, pharmaceutical, and psychological studies. The HSUH hospitals attached to the Institute for clinical treatment and study.

Regional Comprehensive Care Center
The Regional Comprehensive Care Center was founded in December 2015 as an activity base for community medical services provided primarily by the Home-visit Nursing Care Station and the Home Care Support Facility. With training rooms and a community exchange salon for interactions between students and local residents, the Center provides an opportunity for practical clinical education involving interprofessional collaboration and regional comprehensive care.

Shibuya Double Tall Cafe

Training Center

Club Activities

Graduate School of Psychological Sciences
The Graduate School of Psychological Sciences includes the Department of Clinical Psychology and Department of Speech-Language-Hearing Therapy. This School was established in 2001 in order to foster medical personnel supporting patients with psychological disorders or communication disorders.

Ainosato Branch of University Library
This Library branch possesses 24,000 books associated with psychological sciences, and allows access to academic information resources through a network with the main library.

Center of Clinical and Developmental Psychology
The Center gives postgraduate students to have an educational training for certified clinical psychologists. The Center has courses including psychological and psychiatrists.

Other

Satellite Campus
The Satellite Campus is located in central Sapporo. Facilities include 2 lecture theatres, 2 meeting rooms, and a research room.