



Creating the Next-generation Healthcare

Health Innovation School

(Graduate School of Health Innovation)

Kanagawa University of Human Services

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Graduate Schools of Engineering and Medicine

Proposing a New Graduate Program

Health Innovation School (HIS)

- Kanagawa University of Human Services (KUHS), working with Kanagawa Prefectural Government, is proposing a new graduate program for health innovation
- The new school is planned to open in 2019



Campus Location of HIS





Background: Facts of KUHS

2003

Established as prefectural university



975/59

Number of Students,
undergrad / Grad

10:1

Student-to-Faculty Ratio



4

Schools including Nursing,
Nutrition and Dietetics,
Social Work, and
Rehabilitation



**Population
Structure**

**Skilled
individuals**

New ideas

Population Structure

- ✓ Considering that the number of elderly people (people above the age of 65) in urban areas has now exceeded 30 million, the creation of new social systems is an urgent issue in Japan.

Skilled individuals

- ✓ Increasing demand for individuals who can collaborate globally with research institutions and corporate organizations
- ✓ Increasing demand for individuals who can respond to the rapidly changing trend of personalized medicine realized by advancement in technology and development of new medical science

New ideas

- ✓ Important to encourage people to make their own healthy choice on a daily basis by helping them to understand that our current state of health is always shifting continuously between healthy and ill (i.e., ME-Byo concept).

Aims

Human Resources Development

To produce excellent graduates with social entrepreneurship who can dedicate themselves to social innovation based on scientific approach

Health Innovation Hub

To foster health-related industries, services, technologies, and policies through innovative research and development

Think-Tank Functionality

To directly apply academic findings and scientific expertise to policy-making

<Admission Policy>

Accepting people from various areas who wish to solve social problems in healthcare areas.

<Curriculum Policy>

In addition to public health core topics, we provide curriculum dealing with challenges in super-aged society.

English program will be opened for international students

Professionals who can solve social challenges in following fields: healthcare, human services, public administration, and clinical research.

【Examples】

- International Organization such as WHO
- Medical institution
- Healthcare industry
- Research institution
- Local government
- NPO/NGO

Policy Maker

who can connect organizations and human resources, creating a mechanism to contribute to solving health and medical issues

Administrator

who can lead the innovation in organization management to provide effective and efficient health care services

Business Person

who can industrialize innovative technologies based on deep understanding of basic research

Researcher

who can lead the technology innovation and develop basic research underlying the innovation



Curriculum of HIS

Required/Basic

ME-BYO

Human Service

Health Innovation

Data Science

Public Health

Health services administration

Environmental health sciences

Biostatistics

Epidemiology

Social and Behavioral Sciences

Innovation

Business Innovation

Management

IP

Entrepreneurship

Advanced Medical Science and Tech.

Innovation

ME-BYO Social system

Robotics

Regenerative medicine

Social systems

AI

Bioinformatics

Data science

Medical administration

(pre) clinical research/trial

Ageing

Community

Nutrition

Kanagawa's fields, global network, government

Business Person

Administrator

Policy Maker

Researcher

Curriculum of HIS

Public Health Core

- Epidemiology/Biostatistics
- Environmental Health
- Health Policy and Health Administration
- Social and Behavioral Sciences

Innovation, Technology, & Business Administration

- Health Technology
- Health Technology Assessment
- Data Science
- Risk/Crisis Management in Health
- Human Nutrition
- Marketing & Corporate Strategy
- Accounting & Finance

Practical and Inter-professional

- Presentation
- Bio-design
- Leadership
- Entrepreneurship
- Field work



Overview

Academic Program

Master of Public health

2-year degree course

Offered in English*

Approx. 10-15 students/year

Tuition & Housing

Approx. JPY 550,000 per year

Financial aids available for international students (TBA)

Dormitory available for students (TBA)

Campus & Access

Kawasaki, Kanagawa Prefecture

Kawasaki Innovation Gateway

Right next to Haneda Int. Airport

Kawasaki City



HIS

- Fields
- Global network
- Prefectural government

Kanagawa
Prefecture

- Research
- Education
- Think-tank

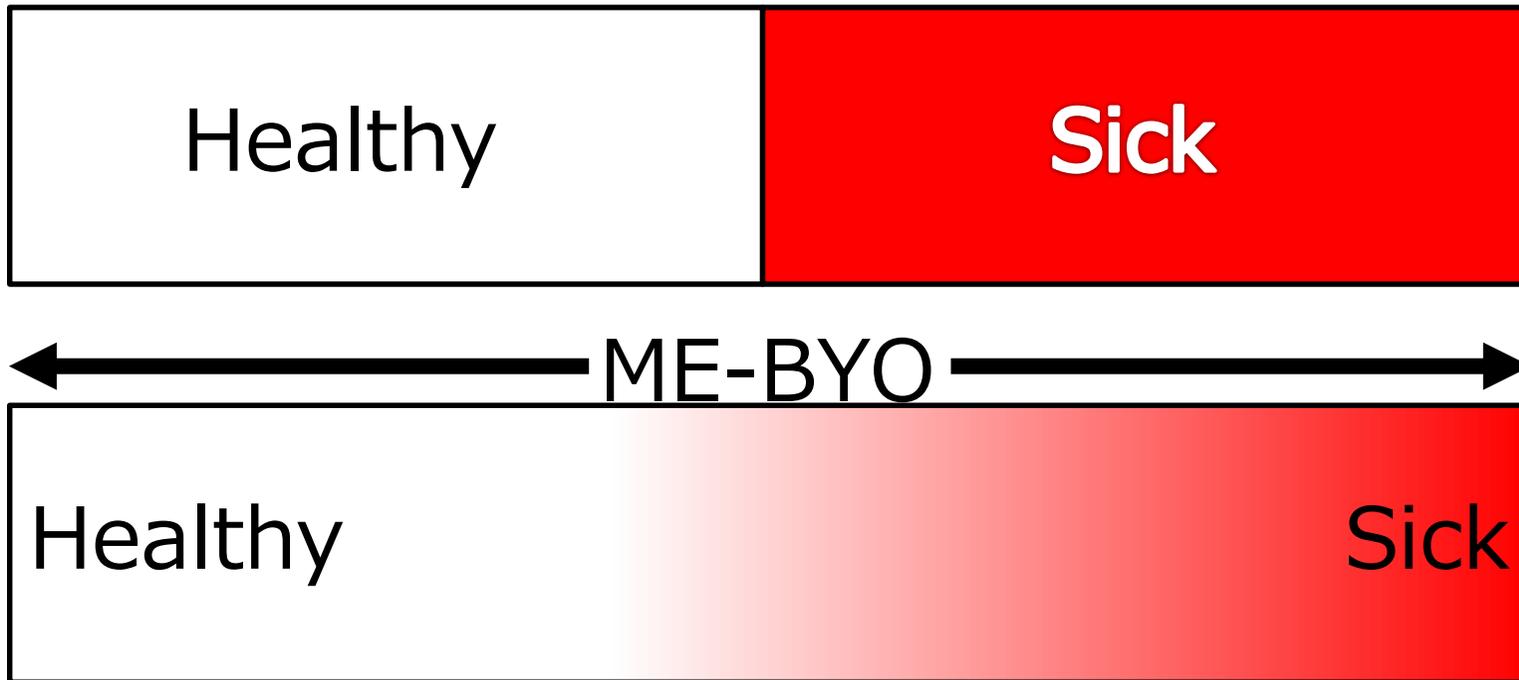
Social system innovation for next generation and globalization

- World Health Organization (WHO)
 - Continuous collaboration in the field of healthy ageing
 - Joint education program for global health leaders
- Stanford University School of Medicine
 - MOU for the promotion of science and technology development in life science
- University of California San Diego School of Management
 - Developing collaborative courses in business and innovation fields
- National University of Singapore / National University Health System
 - MOU for the promotion of science and technology development in life science
- Chulalongkorn University Faculty of Dentistry
 - Research collaboration and student/faculty exchange in healthy ageing
- Mahidol University Faculty of Public Health
 - Research collaboration and student/faculty exchange in public health

How can we collaborate?

- Student exchange
 - Short term: 1-2 months
 - Long term: 6-12 months
- Practicum/fieldwork program
 - Short term: 2-4 weeks
 - Long term : 4-8 weeks
- Faculty exchange
- Collaborative research

Definition of ME-BYO



National Health and Medical Strategy (excerpt) (approved by the Japanese Cabinet on February 17th, 2017)

“ME-BYO is a concept that captures the status of our body and mind as changing continuously from healthy to sick, not as a dichotomy between the two; ME-BYO conceptualizes the whole process of this change.”

Need to measure and visualize ME-BYO status