



Osaka Kawasaki Rehabilitation University

Founded : 1997

Chief Director of the University :
Tatsuhito Kawasaki, M.D., Ph.D.

University President :
Masatoshi Takeda, M.D., Ph.D.



OKRU Tagline

A Heart for Others, Skills to Support

For effective rehabilitation service, the therapists should pay attention to the care of the physical functions as well as care of the mind. It is not possible to realize a bright future for patients without taking care of both the mind and the body.

That is why we, Osaka Kawasaki Rehabilitation University, cultivate a mind that can stand by people to support the patients, while at the same time acquiring the necessary knowledge and skills. We are aiming for the university where our students acquire tender and warm heart and solid skills in rehabilitation science, and we want it to be known as such an educational institution.

The phrase "a heart for others" expresses the diverse thoughts of "from you to patients," "from teachers to students," "from students to staffs," and "from people in various positions to various others," Osaka Kawasaki Rehabilitation University asks our students to learn "a heart for others" in rehabilitation.

"Skills to support" includes medical skills for patients, skills for teachers to teach students, and other skills that enable many people to support others. It is our hope that all students will acquire the skills necessary to become professional leaders in rehabilitation.

We would like each of you to think about the meaning of the "," in the middle of the phrase whether it implies "and". "or."

When you take this tagline as a message from OKRU to our students, it can be read as "the heart that stays with you, and the skills that support you."

Spirits of Kawasaki Academic Foundation

Dreams and Great Compassion

Kawasaki Academic Foundation is established under the spirits to nurture medical professionals who always have dreams and hopes, and who are equipped with a heart of compassion and kindness. When you talk about "dream", it is important to think not only from their own perspective, but also from the perspective of others.

Philosophy of Education

Fostering Knowledge and Humanity

Osaka Kawasaki Rehabilitation University functions as the educational institution under the philosophy of Fostering Knowledge and Humanity.

Through the teaching of benevolent spirit and excellent specialized knowledge and skills, we cultivate rich humanity and culture, and nurture human resources who can contribute to the improvement of health, medical care and welfare of the people at large, as well as to local and international society.

In conventional medical care model, priority has been given to the treatment of diseases. Today, however, efforts are being made to prevent diseases and to provide psychological care throughout the rehabilitation service from the point of disease or injury. Preventing all kinds of disabilities, not only those caused by physical injuries from surgery or accidents, and minimizing physical and mental functional disabilities will lead to an improved quality of life. In this current model, the importance of the rehabilitation, which supports the burden of patients, as well as caregiving families, training for returning to work, and improving daily life, is growing every day.

Therefore, it is important for PTs (physical therapists), OTs (occupational therapists), and STs (speech-language hearing therapists) to acquire advanced and high-quality professional medical skills and to play an active role in the medical field. We aim to provide a curriculum based on clinical practice that is unique to our university, and to nurture healthcare professionals who can pay attention to each patient's life functions and mental care, in addition to solid skills and knowledge.

Educational and Research Objectives

Osaka Kawasaki Rehabilitation University (OKRU) has launched undergraduate Department of Rehabilitation (Physical therapy (PT), Occupational Therapy (OT), and Speech-language hearing Therapy (ST)) in 1997, and the Graduate School of Rehabilitation in 2022,

Undergraduate Course

Purpose of Undergraduate Course

The Department of Rehabilitation fosters competent human resources who can contribute to the improvement of health, medical care, and welfare by cultivating a rich humanity through education and research of advanced knowledge and skills related to rehabilitation.

Department of Physical Therapy

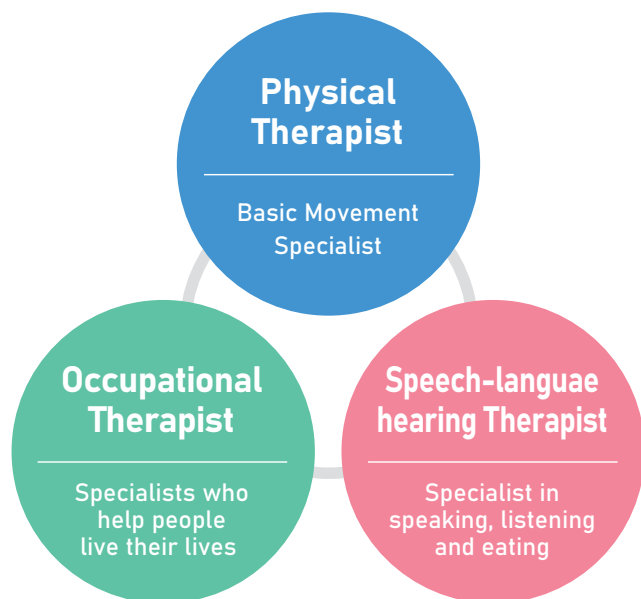
The Course of Physical Therapy aims to maintain and improve physical functions through exercise and physical therapy based on scientific evidence, and to support the recovery of human nature.

Department of Occupational Therapy

The Course of Occupational Therapy aims to maintain and improve physical and mental functions through various activities based on scientific evidence, and also supports the recovery of humanity and fosters individuals who can provide team medicine in cooperation with other professional fields.

Department of Speech-Language Hearing Therapy

The Course of Speech-Language Hearing Therapy aims to maintain and improve the functions of speech, hearing, and swallowing, to support the recovery of humanity, and to develop human resources capable of providing team medicine in cooperation with other professional fields.



Certification as a horticultural therapist available

Graduate School of Rehabilitation

The Graduate School of Rehabilitation aims to cultivate leaders who can contribute to the development of research, education, and clinical practice in rehabilitation and related fields, with a proper understanding of the current situation, issues, and future prospects in rehabilitation-related fields, with a high level of expertise and excellent practical skills in rehabilitation science, and with a rich sense of humanity and the ability to cooperate with multiple professions. The program aims to develop human resources who can contribute to the development of research, education, and clinical practice in rehabilitation science and related fields.

OKRU has launched Graduate School of Rehabilitation in 2022, in which rehabilitation specialists learn to be leaders in rehabilitation service in community. The main purpose of the Graduate Course of OKRU is the better rehabilitation service to the elderly dementia people living in the community. The scheme below depicts the courses for physical therapists (PT), occupational therapists (OT), and speech-hearing therapists (ST), respectively.



Motor Function Science

PT

Motor function

Motor function
Sarcopenia
Locomotion
Frailty
Dementia prevention
etc

Behavioral Sciences for Life

OT

Communication

Subsistence activities
Cognitive frailty
Work maintenance
Hobby
Social participation
etc

Communication Science

ST

Communication

Verbal/Non-Verbal
Communication
Personal interaction
Eating
Deglutition
etc

■ Message from the Chief Director of the University

Nurture Medical Professionals with a Rich Sense of Humanity Based on the Founding Spirit of "Dreams and Great Compassion"



Tatsuhito Kawasaki, M.D., Ph.D.

President, Medical Corporation Kawasaki

Superintendent, Mizuma Hospital

President, Social Medical Corporation Kenjinkai

Dean, Kawasaki Nursing College

Osaka Kawasaki Rehabilitation University (OKRU) was founded in 2006 with the founding spirit of "Dreams and Great Compassion" as its guiding philosophy. Our goal is to nurture medical professionals who have dreams and aspirations, and who are capable of accepting and grieving for pain, sorrow, and suffering of others, and who are equipped with human qualities.

In rapidly aging society, active rehabilitation in terms of both treatment and care is becoming increasingly important, and the demand for physical therapists, occupational therapists, and speech-language therapists is increasing, so we believe it is necessary to train high quality medical professionals in this field. In turn, we hope to contribute our knowledge, skills, and research to the improvement of health, medical care, and welfare, and to give back to society so that we can heal the sick, the disabled, and those who support them.

We have established an environment where students can learn the three areas essential for rehabilitation in the lush greenery of Mizuma Area, and we have created an environment for learning team medicine in cooperation with the Kawasaki Group, core hospitals, and a wide range of clinical training facilities. We hope that our students will become medical professionals who can heal patients not only technically but also spiritually.

■ Message from the University President



Masatoshi Takeda, M.D., Ph.D.

Dean/ Director, Cognitive Reserve Research Center

OKRU; Aiming for the Goal of Realizing Useful Rehabilitation

Needed from the Society by Fostering

Excellent and Kind-hearted Therapists

Osaka Kawasaki Rehabilitation University (OKRU) is educating three nationally-qualified rehabilitation professionals; physical therapists, occupational therapists, and speech-language pathologists, one of the four educational institutions in Osaka Prefecture that train all three professions.

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The university was established in 2006 as the first university in Japan to bear the name of "rehabilitation," and has been sending out rehabilitation specialists for more than 20 years since 1997. Many of our graduates are active as rehabilitation professionals at nearby medical, nursing, and welfare facilities in Osaka and Wakayama Prefecture. As society ages, the need for rehabilitation professionals will continue to increase. We hope to continue to nurture "excellent and kind-hearted rehabilitation therapists" who can be close to and support people with disabilities, including the elderly.

OKRU is a small university specialized to rehabilitation science, all faculty members work with the goal of passing down the message on the importance of rehabilitation and the latest knowledge and techniques to the younger generation. I hope that many young people will study rehabilitation and contribute to society.

BIOSKETCH of Prof. Masatoshi Takeda

1983 Graduated from Graduate School of Medicine, Osaka University, MD, PhD.

1984 Research Assistant, Department of Psychiatry, Osaka University

1985-1987 Research Fellow at University of Florida and Baylor College of Medicine, USA

1991 Assistant Professor, Department of Psychiatry, Osaka University

1996 Chairman Professor, Department of Psychiatry, Osaka University

2015 President, Aino University

2018 Director, Cognitive Reserve Research Center, OKRU

2020 President, OKRU

Prof. Takeda, MD, PhD, served as the chairman professor of psychiatry, Osaka University, one of the most influential and second oldest psychiatry department in Japan for 19 years since 1996 to 2015. As the professor emeritus of Osaka University, he is now working as the President and Director of Cognitive Reserve Research Center of Osaka Kawasaki Rehabilitation University.

He has been engaged with biological psychiatry research at Osaka University, University of Florida, and Baylor Medical School in USA. With his background of neurochemistry, molecular genetics, and cell biology, his research covers from basic to clinical psychiatry of major psychiatric disorders including dementia. He has published over 400 original papers in English, and over 900 papers in psychogeriatrics, biological psychiatry, and clinical psychiatry. Recent research interest covers molecular biology of Alzheimer's disease, clinicopathology of schizophrenia, cognitive impairment in psychiatric disorders including cognitive reserve of the elderly.

Prof. Takeda served as the President of Japanese Society of Psychiatry and Neurology (JSPN) for five years from 2012 to 2016, President of Japanese Society of Biological Psychiatry (JSBP) for six years before he has become the President of World Federation of Societies of Biological Psychiatry (WFSBP) in 2015. He also served as the president of International Psychogeriatric Association (IPA) from 2008 to 2011.

He was involved with the journals as the Editor-in-Chief of many journals, including Psychogeriatrics (official journal of Japanese Psychogeriatric Society), Psychiatry and Clinical Neurosciences (official journal of JSPN), Japanese Journal of Psychiatry and Neurology, Dementia Japan (official journal of Japan Society of Dementia Research), Cognition and Dementia, and Schizophrenia Frontier.

1. Presenilin-1 mutations downregulate the signaling pathway of the unfolded-protein response. *Nature Cell Biology* , 1(8) : 479-485, 1999
2. Medial prefrontal cortex generates frontal midline theta rhythm. *Neuroreport* , 10(4) : 675-679, 1999
3. Presenilin-dependent intramembrane proteolysis of CD44 leads to the liberation of its intracellular domain and the secretion of an A β -like peptide. *Journal of Biological Chemistry* 277(47) : 44754-44759, 2002
4. Presenilins mediate a dual intramembraneous γ - secretase cleavage of Notch - 1. *The EMBO journal* , 21(20) : 5408-5416, 2002
5. A molecular chaperone inducer protects neurons from ER stress1. *Cell Death & Differentiation*, 15(2) : 364-375 , 2008
6. Disturbed activation of endoplasmic reticulum stress transducers by familial Alzheimer's disease-linked presenilin-1 mutations. *Journal of Biological Chemistry*, 276(46) : 43446-43454 , 2001
7. A novel protein, RTN-XS, interacts with both Bcl-XL and Bcl-2 on endoplasmic reticulum and reduces their anti-apoptotic activity. *Oncogene* , 19(50) : 5736-5742, 2000
8. Clinical efficacy and safety of donepezil on cognitive and global function in patients with Alzheimer's disease. *Dementia and Geriatric Cognitive Disorders* , 11(6) : 299-313 , 2000
9. The glutamatergic system and neurodegeneration in dementia: preventive strategies in Alzheimer's disease. *International Journal of Geriatric Psychiatry* , 14(1) : 3-47 , 1999
10. The DYRK1A gene, encoded in chromosome 21 Down syndrome critical region, bridges between β -amyloid production and tau phosphorylation in Alzheimer disease. *Human Molecular Genetics* , 16(1) : 15-23 , 2006

Faculties



Osaka Kawasaki Rehabilitation University

Graduate School of Rehabilitation Studies

Faculty of Rehabilitation

Cognitive Reserve Research Center

Department of Physical Therapy

Department of Occupational Therapy

Department of Speech-Language-Hearing Therapy

■ Academic Faculty

Full professor	Associate professor	Assistant professor	Assistants
17	6	11	7

■ Faculty Staffs

Full-time	Part-time
26	7

■ Capacity of Students

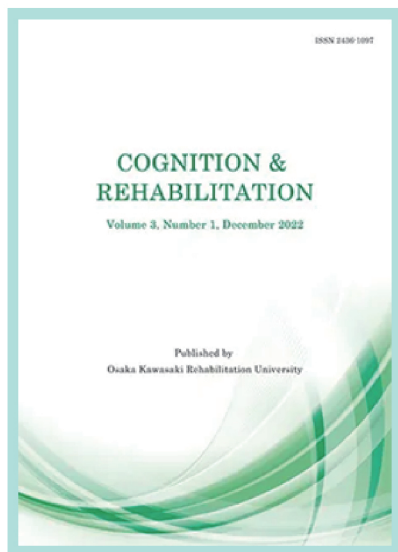
Faculty	Fcourse of study	Major	Admission Capacity	Capacity
Undergraduate	Department of Rehabilitation	Course of physical therapy	60/year	240
		Course of Occupational Therapy	60/year	240
		Course of Speech-Language Therapy	60/year	160

■ Graduate School

Major	Admission Capacity	Capacity
Master Course	8/year	16

Osaka Kawasaki Rehabilitation University Repository

URL https://kawasakigakuen.repo.nii.ac.jp/?page=1&size=20&sort=custom_sort



By December 2022, the English-language academic journal "Cognition&RehabilitationVolume3" has been published. The journal is available in the University's repository.

Journal of Osaka Kawasaki Rehabilitation University
Osaka Kawasaki Rehabilitation University Graduate School Annual Report

Access

158Mizuma,Kaizuka-city,Osaka 597-0104 Japan
4-minute walk from Mizuma Kannon Station on the Mizuma Railway Mizuma Line
About 10 minutes by school bus from Kumatori Station on the JR Hanwa Line

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Related Facilities

Mizuma Hospital
Kawasaki Hospital

Osaka Kawasaki Rehabilitation University actively promotes agreements with overseas universities to promote academic exchanges with overseas universities and institutions

