

Division of Clinical Behavior and Occupational Therapy

History and Goals

Based on the development and the needs of the society, the Graduate Institute of Behavior Sciences was established in 2002. This institute includes Division of Clinical Behavior and Occupational Therapy, and Division of Clinical Psychology. The Division of Clinical Behavior and Occupational Therapy combines Behavior Science, Rehabilitation Science, and Occupational Science for the expansion of the research areas related to OT. The objective of the Institute is to cultivate advanced research personnel in the fields related to OT and clinical psychology for the services of clinical therapy and research. We welcome those interested to join us.

Research Laboratories

Dr. Ching-Yi Wu	Motor Behavioral Research Lab
Dr. Ling-Fu Meng	Neurocognition, Orthographic Processing & Accessibility Lab
Dr. I-Hsuan Shen	Electrophysiology Lab
Dr. Hsin-Yung Chen	Neuroengineering and Assistive Technology Lab
Dr. Kuan-Yi Li	Sensorimotor Control Lab
Dr. Pei-Ying Sarah Chan	Respiratory Sensation & Psychophysiology Lab
Dr. Yu-Wei Hsieh	Clinical Neurorehabilitation Research Lab
Dr. Hsian-Han Huang	Infant and Toddler Perceptual-Motor Behavior Lab
Dr. Chia-Hsiung Cheng	Laboratory of Brain Imaging and Neural Dynamics (BIND Lab)
Dr. Po-Yu Chen	Aging, Brain, Cognition Lab (ABC Lab)
Dr. I-Ching Chuang	Community Health Promotion and Aging Lab

Research Environment

The Division of Clinical Behavior and Occupational Therapy had diverse research groups to conduct various types of studies related to OT. The space of this Institute is approximately 700 ping. The Institute provides excellent study and research environments including independent study areas for the graduate students and discussion rooms for the students to interact and exchange ideas with each other. The most advanced computerized and technology equipment is used to investigate the most advanced subjects in OT and rehabilitation in order to make significant theoretical as well as clinical contribution to the research fields.

Research Areas and Facilities

Research Areas

- Neurobehavior and Neurorehabilitation in Physical OT
- Neurological, Physiological and Pediatric OT
- Applications of Biomechanics and Ergonomics in Physiological and Pediatric OT
- Applications of Technical Assistive Device in Adult and Pediatric Occupational Behavior

- Neuroimaging Studies in Clinical Populations and Healthy People
- Cognitive Rehabilitation and Cognitive Aging
- Peak Performance
- Active Aging and Health Promotion
- Community-Based OT
- Output of Cognitive Behaviors (orthography/praxis/laterality)
- Computer Accessibility

Research Facilities

		
<p>Electrophysiological Research Equipment (eg, ERP, EEG)</p>	<p>Brain Imaging Research Equipment</p>	<p>3D Motion Analysis</p>
		
<p>Customized apparatus for measuring proprioception/kinesthesia</p>	<p>Toy ride-on cars modification</p>	<p>InMotion Robotic System</p>
		
<p>Transcranial direct current stimulation (tDCS)</p>	<p>MYOTON-PRO</p>	<p>Neurofeedback</p>

Admission

Documentation/interview examination

The registration date for the documentation/interview examination is around October each year and the oral examination date is held in November. The admission quota is four. The exact dates and the related information of each year will be available in the admission brochure.
(<http://recruit.cgu.edu.tw/bin/home.php>)

Written examination

The registration date for written examination is around January and the written examination is held in March. The written examination covering 2 subjects among which 1 subjects are required. The 2 subjects include Occupational Therapy and Psychology. The contents of the written examinations are based on the reference books. The exact dates and the detailed information of each year will be available in the admission brochure.
(<http://recruit.cgu.edu.tw/bin/home.php>)