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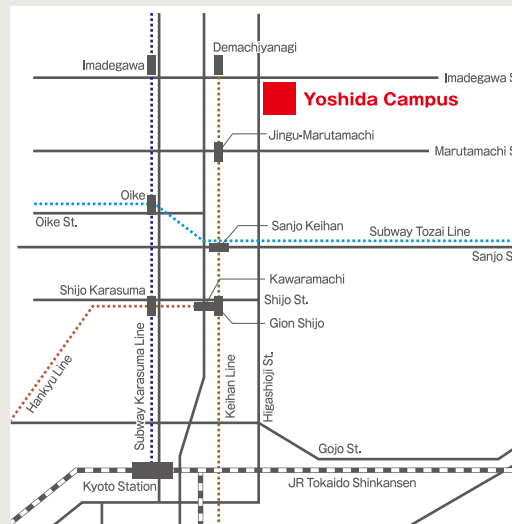
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Fostering global leaders in Cognitive Psychology



DIVISION OF COGNITIVE PSYCHOLOGY IN EDUCATION
Graduate School of Education
Kyoto University



Research

Kyoto University is a leading university with over 116 years' experience in teaching and research. There are over 60 psychology faculty members at Kyoto University. Our division was founded in 1949 as the Division of Educational Psychology in the Faculty of Education. In 1998, the division was reformed into the Division of Cognitive Psychology in Education, the Graduate School of Education, Kyoto University.

Currently in our division, there are six faculty members, thirty graduate students, and four postdoctoral researchers whose research agenda are concerned with basic research in cognitive development, human learning and memory, thinking and problem solving, language, and emotion, as well as with applications of this basic research within an everyday context. The research activities of the division cover a wide range of cognitive psychology, which focuses on educational phenomena using observational, experimental, and survey methods.

The entire division, which is organized into five different laboratories, convenes every Friday to exchange presentations of members' research plans and to report on research results. In addition, the different laboratories meet on a weekly basis to exchange ideas about the development of their research, and to share opinions on the most recent scientific journal articles.

Laboratories

The division has excellent facilities; with 17 experimental rooms and testing facilities, it is equipped with state-of-the-art technology, providing students with the most suitable environment for learning and research development. The laboratories house, for example, two fNIRS (FOIRE-3000), genome sequence analysis system, two Tobii eye-trackers (TX-300), and physiology monitoring devices for ECG, EEG, EGG, and EMG (MP-150, BIOPAC Systems). Students are encouraged to conduct their research within a broad multidisciplinary field, and they develop their program of study in the area of their choosing. The Cognitive Psychology in Education division is highly interactive and encourages research and publication representing diverse viewpoints within the field.

Education

■ Undergraduate study of Educational Psychology

Foundation academic skills are gained through a wide range of subjects, introduced in the first and second years of the program. Students can then choose Educational Psychology programs in their third year of study. Cognitive Psychology, Clinical Psychology, and other psychological subjects are available from introductory through to advanced levels.

■ Graduate Study of Cognitive Psychology in Education: Master and Doctoral Programs

The Master program (two years) is designed to improve students' research skills in preparation for the doctoral program or for education professionals. The doctorate (three years) trains students to think creatively and to develop independent research careers in cognitive psychology.

■ Collaborative Graduate Program in Design

See the "Design School" section right.

Periodical

The commitment of the Cognitive Psychology in Education division to research and international exchange is expressed in its international journal of psychology entitled, *Psychologia: An International Journal of Psychological Sciences*, which is published in English. The first volume of *Psychologia* was issued by Professor Koji Sato in 1957. Since then, the Cognitive Psychology in Education division has edited and published the quarterly journal, which has become a significant channel of communication and feedback from the East to the West and as an international forum in cognitive psychology.

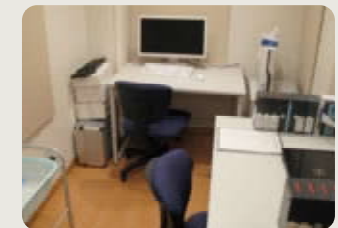
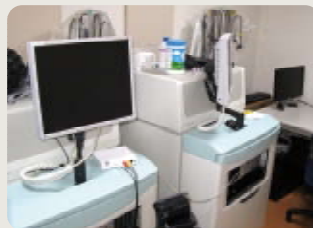


Photo: fNIRS, genome sequence analysis system, eye-tracker, and physiology monitoring devices (from left)

Design School

KYOTO UNIVERSITY
DESIGN SCHOOL

■ Organization of the Program

The graduate program has been designed in a collaborative effort by experts in psychology, informatics, mechanical engineering, architecture, and business management. The goal of the Graduate School of Education is to develop doctoral level specialists to design improved and more innovative social systems and architectural structures. We offer two types of psychology and design courses: theoretical and practical. Some lectures are focused on topics such as *Cognitive Theory of Design* and *Design of Cognitive Functions*. Others are skills based courses focused on topics such as *Advanced Studies: Research Methods in Psychology and Design Studies* as well as *Seminar on Research Methods in Psychology and Design Studies*. In addition, we provide field research courses such as *Field-Based Learning* (FBL) and *Problem-Based Learning* (PBL). These offerings are cross-disciplinary general design courses presented in collaboration with faculty members who possess a variety of specializations.

■ Cognitive Psychology's Contributions to Design Studies

Cognitive psychology is the academic study of mental functions such as perception, cognition, thought, emotion, decision making, and executive function.

Cognitive psychologists develop models for these processes and test these models experimentally. Recently, increased attention has been focused on the neuroscientific approach to cognitive function, particularly with respect to the development of models of mental functions that correspond to brain architecture. Construction of these models is a design activity.

<http://www.design.kyoto-u.ac.jp/>