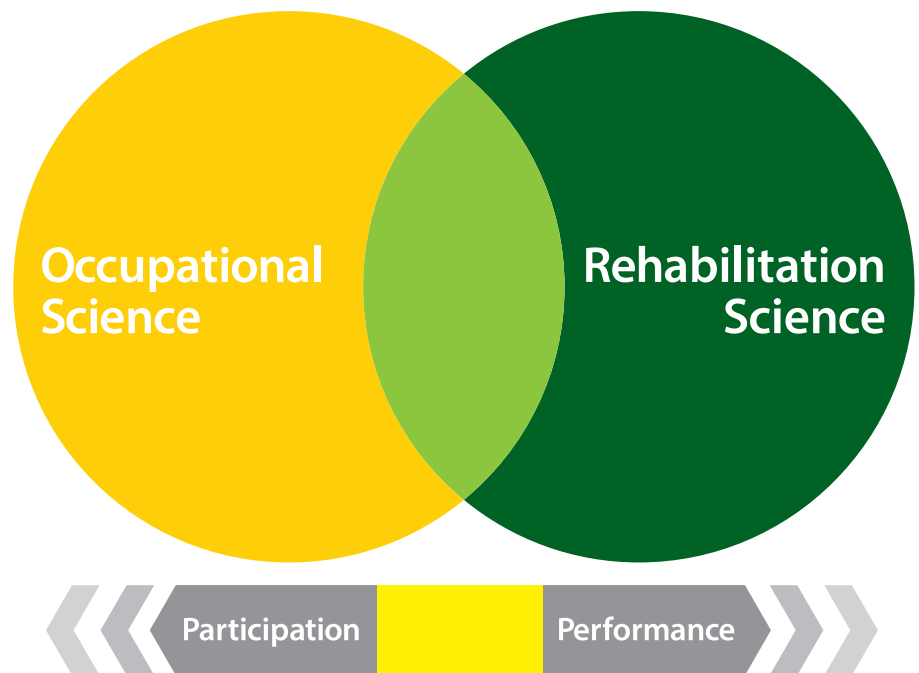


Ph.D. in Occupation and Rehabilitation Science

RESEARCH THAT OPTIMIZES HUMAN PERFORMANCE AND PARTICIPATION
IN EVERYDAY OCCUPATIONS AND CONTEXTS ACROSS THE LIFE SPAN

The interdisciplinary Ph.D. program in occupation and rehabilitation science at Colorado State University offers graduate training in research that is dedicated to assisting people of all ages and abilities perform and participate in everyday occupations as a source of lifelong meaning, development, health, and well-being.

Students and faculty mentors in the ORS program investigate human performance and participation in everyday occupations from the perspectives of occupational science and rehabilitation science. Thematic research areas include linkages among performance capacities, personal factors, and occupational participation; influences of social, physical, sociopolitical, and cultural contexts on participation; research-based interventions that optimize active life engagement; and integrative learning.



CORE RESEARCH AREAS

Cognitive, Motor, Sensory and Neurophysiological Performance

- Executive function in children and adolescents
- Integrative and complementary therapy
- Neuro-navigated transcranial magnetic stimulation
- Neuroplastic recovery mechanisms following stroke
- Performance capacities and physical activity in adults and older adults
- Performance capacities and physical activity in childhood obesity

Everyday Occupation, Disability, Rehabilitation and Health

- Brain-computer interface technologies for people with severe motor disabilities
- Contextual influences on participation in home, school and community activities among children with disabilities
- Equine assisted activity and therapy
- Traumatic brain injury: screening, outcomes and long term service needs
- Meaningful life engagement in adults and older adults
- Stroke therapies that promote task performance, independent living and life quality

- Subjective experiences of occupation
- Use of music in neurorehabilitation

Education from an Occupation and Rehabilitation Science Perspective

- Epistemologies of practice, teaching and learning
- Transition of students with cognitive impairments to post-secondary education
- Universal design for learning in higher education

APPLICATION DEADLINE: 1ST MONDAY IN FEBRUARY



Colorado
State
University

COLLEGE OF HEALTH
AND HUMAN SCIENCES

Department of Occupational Therapy

CONTACT INFORMATION

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www.ot.chhs.colostate.edu