ATTENTION AND GAIT: DUAL-TASK GAIT PARADIGMS

Featuring Dr. Li-Shan Chou
Department of Human Physiology, University of Oregon

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Parking Available in Lot T

ABOUT DR. CHOU

Li-Shan Chou, Ph.D., is a professor and Department Head in the Department of Human Physiology at the University of Oregon. He directs the Motion Analysis Laboratory, and his research falls under general areas related to biomechanics and motor control of human movement, with focuses on the investigation of mobility impairments associated with ageing, musculoskeletal diseases or injuries, and traumatic brain injury.

LEARNING OBJECTIVES

• Relate mobility impairment with attention deficits.
• Demonstrate dual-task gait protocols.
• Examine the effect of visuospatial attention on obstacle crossing behavior.
• Illustrate the effectiveness of using dual-task gait protocol to detect gait imbalance following concussion.

The presenter, Li-Shan Chou, Ph.D., and the planning committee, Nick Stergiou, Ph.D., Jeffrey Kaipust, M.S., Angela Collins, B.S., and Jackie Farley, CPP have no financial conflict of interest to disclose.

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