

# SEMINAR SERIES

Supported by The Department of Biomechanics and  
The Center for Research in Human Movement Variability (MOVCENTR)



## HUMAN MOVEMENT VARIABILITY AND FALLS IN THE ELDERLY

Featuring Dr. Nick Stergiou  
University of Nebraska at Omaha



August 24, 2018 | 12:00 - 1:15 pm | H&K112  
Parking Available in Lot T

### ABOUT DR. STERGIOU

Dr. Nick Stergiou is the Assistant Dean of the Division of Biomechanics and Research Development, the Distinguished Community Research Chair in Biomechanics and Professor as well as the Director of the Biomechanics Research Building and Center for Research in Human Movement Variability at the University of Nebraska at Omaha. He is also a Professor of the Department of Environmental, Agricultural, and Occupational Health in the College of Public Health at the University of Nebraska Medical Center. His research focuses on understanding variability inherent in human movement and he is an international authority in the study of Nonlinear Dynamics. Dr. Stergiou's research spans from infant development to older adult fallers, and has impacted training techniques of surgeons and treatment and rehabilitation of pathologies, such as peripheral arterial disease. He has received more than 30 million dollars in personal funding from NIH, NASA, NSF, the NIDRR/US Department of Education, and many other agencies and foundations.

### LEARNING OBJECTIVES

- Explain the principles of human movement variability
- Identify specific avenues of research in human movement variability.
- Discuss future directions in human movement variability.

The presenter Nick Stergiou, PhD and members of the planning committee, Nick Stergiou, Ph.D., Jeffrey Kaipust, M.S., Angela Collins, M.A., Laura Campbell, B.S., and Jackie Farley, CPP have no financial conflict of interest to disclose.

**ACCREDITATION STATEMENT** The University of Nebraska Medical Center, Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

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more info at [cobre.unomaha.edu](http://cobre.unomaha.edu)

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