

SEMINAR SERIES

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



Stability of Human Walking

Featuring Dr. Farahnaz Fallahtafti

University of Nebraska at Omaha



Friday, Nov. 11 | 12:00 - 1:15 pm | H&K 112

PRESENTATION ABSTRACT

There is a link between stability and falls where an ultimate lack of stability results in a fall. Identifying the risk of falls is one of the most profound unanswered questions in the field of biomechanics. The need for interpretation and comparison of the results of gait stability research inspired us to investigate a series of basic unanswered research questions. This information is useful to improve monitoring of the effectiveness and specificity of exercise-based fall reduction interventions for individuals at higher risk of injuries as a result of falls.

ABOUT DR. FALLAHTAFTI

Dr. Fallahtafti is a research associate in the department of biomechanics, and her research focuses on functional reserve and the risk of falls in older adults. In addition, Dr. Fallahtafti has published several papers on identifying gait disorders in clinical populations using advanced biomechanics and nonlinear methods. Currently, she hopes to continue her work in this area by designing intervention programs to improve gait performance in clinical populations.

more info at cobre.unomaha.edu

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