

SEMINAR SERIES

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FUNCTIONAL OUTCOMES IN COPD: SYNTHESIS AND CLINICAL RESEARCH

Featuring Dr. Jenna Yentes

University of Nebraska at Omaha

February 7, 2020 | 12:00 - 1:15 pm | BRB 167

Parking Available in Lot T

PRESENTATION ABSTRACT

The popularity of nonlinear analysis has grown exponentially in the past 20 years. Yet, with many of the algorithms their biological interpretation or clinical translation remains ambiguous, which has led to a confusion of their use in the field of gait and posture research. In this presentation, I will focus on nonlinear tools to quantify coupling of biorhythms (i.e., walking and breathing) and further, how these tools have been used to inform clinical applications.

ABOUT DR. YENTES

Dr. Jenna Yentes is an Assistant Professor in the Department of Biomechanics at the University of Nebraska at Omaha. She is currently the Associate Director of the Nonlinear Analysis Core Facility in the Center for Research in Human Movement Variability. Her research is focused on locomotor-respiratory coupling, particularly in persons with chronic obstructive pulmonary disease. She also studies nonlinear analysis methods for proper application to movement data. She has degrees from the University of Northern Colorado ('00), California State University Fullerton ('06), University of Nebraska ('13).

more info at cobre.unomaha.edu

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