

SEMINAR SERIES

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The Center for Research in Human Movement Variability (MOVCENTR)



PICK YOUR RESEARCH FOCUS AREA STRATEGICALLY: A CASE STUDY IN CARDIOVASCULAR BIOMECHANICS

Featuring Dr. Alexey Kamenskiy

University of Nebraska at Omaha

August 28, 2020 | 12:00 - 1:00 pm

Zoom Link: <https://unomaha.zoom.us/j/99344529353>

ABOUT DR. KAMENSKIY

Dr. Alexey Kamenskiy is a Professor and new Chair in the Department of Biomechanics. He earned his Ph.D. in Engineering Mechanics from the University of Nebraska-Lincoln, and advanced through the ranks of Assistant and Associate Professor in the Department of Surgery at the University of Nebraska Medical Center. The research of Dr. Kamenskiy integrates Biomechanics and Medicine through the use of in vivo, ex vivo, in vitro, and in silico methods and aims at developing more efficient and practical solutions to vascular problems. His lab is particularly interested in vascular mechanophysiology and mechanobiology, aging, and the development of materials and devices for open and endovascular repair. Dr. Kamenskiy closely collaborates with vascular surgeon-scientists who share his interests in developing practical solutions to improve clinical outcomes.

LEARNING OBJECTIVES

- Understand the principles of cardiovascular biomechanics
- Learn how to strategically focus your research
- Identify specific research avenues in cardiovascular biomechanics

more info at cobre.unomaha.edu

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