

**WILLIAM PATERSON UNIVERSITY
WOMEN IN SCIENCE AND ENGINEERING (WISE)**



BD-SPONSORED SEMINAR SERIES PRESENTS...

“THE PHYSICS OF HUMAN MOVEMENT: BIOMECHANICS, ROBOTICS AND REHABILITATION RESEARCH”

by Karen J. Nolan, PhD

**Associate Director, Center for Mobility and Rehabilitation
Engineering Research, Kessler Institute**

Dr. Nolan is a recognized leader in the field of biomechanics and motor rehabilitation. Her research focuses on 1) improving neurophysiological and functional motor recovery through robotic, orthotic, and clinical interventions, and 2) understanding how the CNS recovers after acute and chronic brain injury. Dr. Nolan is currently leading multiple, randomized clinical trials to investigate the impact of rehabilitation robotics for recovery of walking function in adults and children post brain injury.



**TUESDAY | NOVEMBER 14, 2023
12:30 PM | SCIENCE HALL WEST 301**

All WPU students are welcome. Lunch will be provided.
For more information, contact Dr. Healey (healeyk3@wpunj.edu)