Sleep and Neural Cardiovascular Control in Humans

by:

Jason Carter, Ph.D.
Associate Vice President for Research Development
Professor, Department of Kinesiology and Integrative Physiology
Michigan Technological University, Houghton, MI

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3:30 – 4:30 PM
Mayo Building Room 3-100

For directions to Mayo:
http://campusmaps.umn.edu/mayo-building-additions

Dr. Carter’s research focuses on neural control of circulation in humans, with a particular interest in the role of sleep on cardiovascular disease and human performance. He is an international leader in the technique of microneurography, a gold-standard approach to directly measure post-ganglionic sympathetic neural activity in humans. He has $5 million in active research awards funded by federal, state, foundation, and industry partners, including a recently awarded NIH R01 (2017-2022). He is the PI on a 5-year campus-wide initiative that aims to grow health science and engineering research at Michigan Tech, and create stronger partnerships with local and regional communities and industries. He has published 70+ peer-review publications, and received three Research Recognition Awards from sections of the American Physiological Society. He is Past-President of the Michigan Physiological Society (2014-15), on the Steering Committee for the Neural Control and Autonomic Regulation Section of the American Physiological Society (2014-present), and is currently President of the American Kinesiology Association (2018-present). Dr. Carter was inducted into the National Academy of Kinesiology in 2017.