

Donald R. Peterson, Ph.D., M.S.

Donald Peterson holds a PhD in Biomedical Engineering and an MS in Mechanical Engineering from the University of Connecticut. He graduated with distinction from Worcester Polytechnic Institute as a double major in Aerospace Engineering and Biomedical Engineering. He is currently at the University of Connecticut as an Assistant Professor of Medicine for the School of Medicine, an Assistant Professor of Dental Medicine for the School of Dental Medicine, and an Assistant Professor of Biomedical Engineering and Director of the Biomedical Engineering Graduate Program for the School of Engineering, where he offers graduate-level courses in Biomechanics, Biodynamics, Biofluid Mechanics, and Ergonomics. At the UConn Health Center, Dr. Peterson is the Director of the Biodynamics Laboratory where his primary research work is focused on modeling human performance and human exposure and response. Recent applications of his research model human interactions with existing and developmental medical and non-medical devices such as surgical and dental instruments, computer input devices, musical instruments, sports equipment, powered and non-powered tools, and spacesuit and spacetool development for NASA. Dr. Peterson is also the Director of the Bioengineering Center, which is an engineering support center to the biomedical research community, and the Project Director for the Center for Research, Education, and Technology Evaluation (CRETE) within the School of Dental Medicine.