

Carrie L. Peterson, Ph.D.

**Associate Professor; Director of Undergraduate Programs, Department of Biomedical Engineering | B.S., University of Michigan | MSE and Ph.D., The University of Texas at Austin | Postdoctoral Training, Northwestern University at VCU College of Engineering
Richmond, VA, US**

Dr. Peterson's expertise is in neuromusculoskeletal biomechanics of human movement and rehabilitation design.

Areas of Expertise

Home-Based Rehabilitation, Neuromodulation, Musculoskeletal Biomechanics, Musculoskeletal Modeling and Simulation of Human Movement, Neuroplasticity, Rehabilitation Engineering

Affiliations

American Society of Biomechanics, IEEE Engineering in Medicine and Biology , Biomedical Engineering Society

Education

Northwestern University and the Rehabilitation Institute of Chicago
Postdoctoral Physical Medicine and Rehabilitation

The University of Texas at Austin
Ph.D. Mechanical Engineering

The University of Texas at Austin
M.S.E. Mechanical Engineering

University of Michigan
B.S.E. Mechanical Engineering

Accomplishments

Outstanding Researcher Award, National Center for Simulation in Rehabilitation Research
2018

Sarah Baskin Award for Excellence in Research, 1st Place Postdoctoral Fellow Category
2015

Craig H. Neilsen Foundation Postdoctoral Fellowship
2014 - 2016

NIH Loan Repayment Program Award, Rehabilitation Institute of Chicago
2012 ? 2016

National Science Foundation Graduate Research Fellowship, UT Austin
2007 ? 2010

Thrust 2000 Fellowship, UT Austin
2005 ? 2006

Class of 1931 Engineering Scholar, University of Michigan
2001 ? 2004

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