

KINESIOLOGY

Our department focuses on the interdisciplinary study of physical activity and its complex role in human health and performance. Kinesiology spans from molecular and physiological studies to the examination of sport and societal approaches to physical activity and health throughout the lifespan.

We are in the top third of nationally ranked doctoral programs by the National Academy of Kinesiology. The department is actively engaged in collaborations across the campus in areas such as engineering and robotics, sociology, architecture, computer science, the newly formed Brain Behavior Initiative, Intercollegiate Athletics (Sports Medicine and Sports Performance), and with the School of Medicine on the University of Maryland's Baltimore campus.

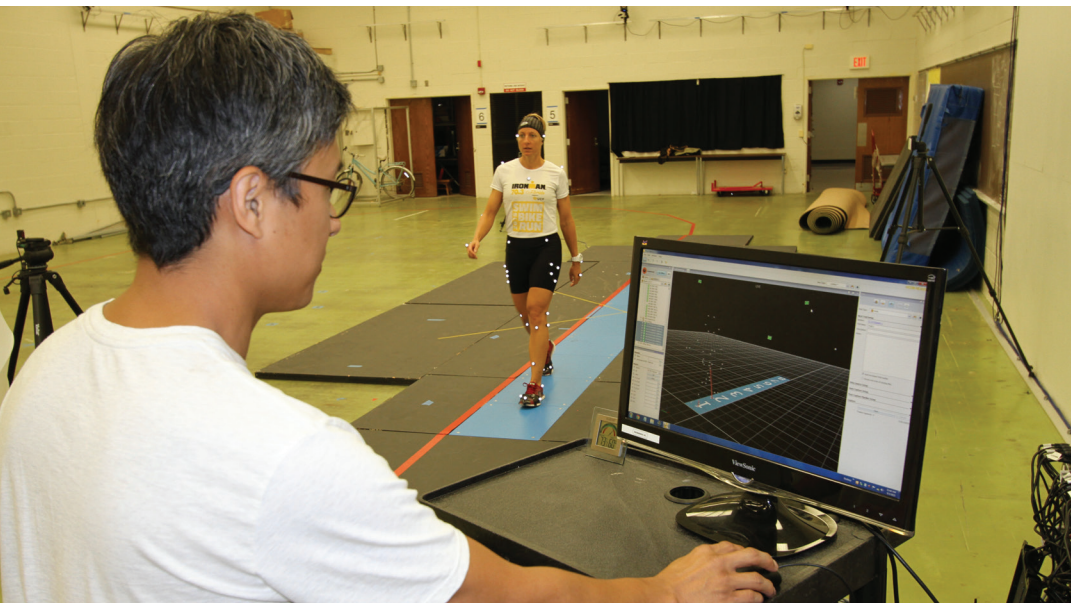
In addition, we partner with the Veterans Administration in Baltimore and Washington DC, Walter Reed National Military Medical Center, Maryland National Capital Park and Planning Commission, City of Baltimore Neighborhood Communities and Erickson Retirement Communities. Faculty bring expertise in physiology, psychology, sociology, engineering, education and neuroscience to work on challenging public health problems related to physical activity and health. Being a kinesiology department within a school of public health allows us to make unique contributions.

Some examples of our work:

- » Biomechanics to understand and prevent arthritis
- » Exercise's impact on brain health through the lifespan
- » Study of blood cells in elite endurance athletes and how this translates to the promotion of cardiovascular health in the general population
- » Studying how social, environmental and cultural issues impact physical activity, sport and health
- » Study of expertise and ability to perform under mental stress
- » Partnership of basic sciences in kinesiology, entrepreneurship and development of health technology



SCHOOL OF
PUBLIC HEALTH



Rian Landers-Ramos
PhD '15, KINESIOLOGY

Assistant Professor,
Exercise Science
Department of Kinesiology
Towson University

“The School of Public Health is a collaborative community of dedicated faculty and graduate students. Through teaching, research, mentoring, grant writing, and collaborations with faculty in and outside of SPH, I have the experience necessary for a successful career in exercise physiology and public health.”

ABOUT THE

UNIVERSITY OF
MARYLAND

RANKED

8

Best Value College

Kiplinger's Personal Finance magazine

RANKED

15

Most Innovative School

U.S. News & World Report

RANKED

22

Public Research Institution

U.S. News & World Report

Graduate Degrees Offered

MASTER OF ARTS, KINESIOLOGY

Focus on one of several areas, including cognitive motor neuroscience, exercise physiology or physical cultural studies.

DOCTOR OF PHILOSOPHY, KINESIOLOGY

Prepare to join the next generation of public health professionals by furthering the understanding of the relationship between physical activity and health

practices, experiences and outcomes. Select a research focus in cognitive motor neuroscience, exercise physiology or physical cultural studies.

MASTER OF PUBLIC HEALTH, PHYSICAL ACTIVITY

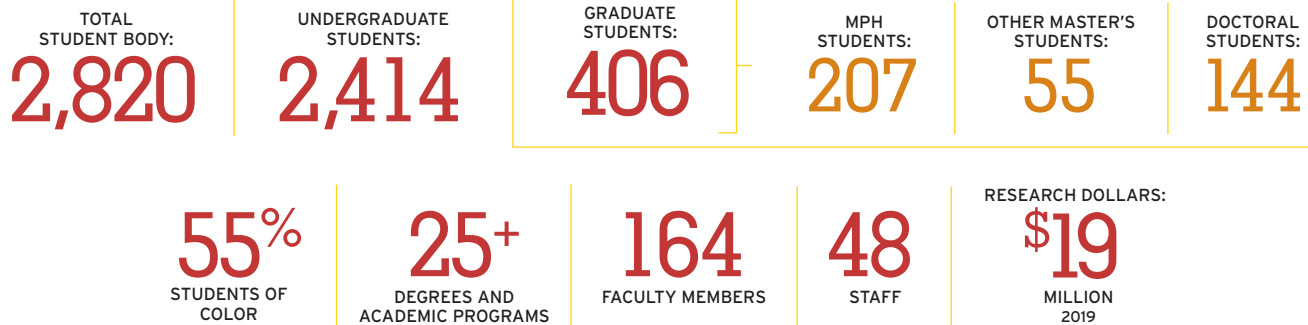
Prepare for a career that integrates physical activity into public health practice at various levels. This 45-credit degree program is designed to be completed in two years full-time or

three-and-a-half or more years part-time (six or fewer credits a semester).

MASTER OF EDUCATION WITH CERTIFICATION IN PHYSICAL EDUCATION

Undertake a 13-month, intensive teacher preparation program offered in partnership with the University of Maryland College of Education.

SPH AT A GLANCE



For deadlines and application instructions, please visit sph.umd.edu/gradadmissions

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Department of Kinesiology

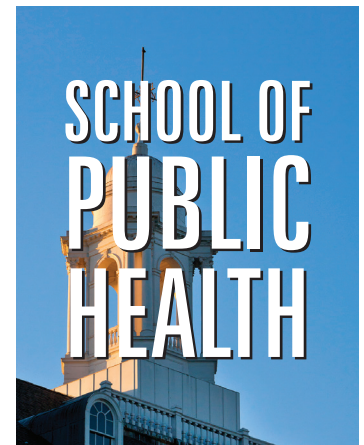
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SCHOOL OF
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DEPARTMENT OF KINESIOLOGY



GRADUATE
PROGRAMS