



Understanding, developing and promoting a healthy lifestyle is the major focus of the Department of Health and Human Performance (HHP) in the College of Education at the University of Houston (UH).

The HHP Department is committed to providing outstanding educational experiences and premier research opportunities designed to develop tomorrow's leaders in the exercise, health and fitness, sport administration and nutrition industries.

Our diverse and accomplished faculty is a student-oriented team of professionals on the forefront of educational technology. Their research projects include collaborations throughout the world.

Please contact us if you have any questions concerning our graduate programs.

Dr. Daniel O'Connor  
Professor and Department Chair

## Visit today ...

... at <http://hhp.uh.edu>

Or e-mail our graduate counselor  
Ms. Lauren Abbott at [leabbott@Central.UH.EDU](mailto:leabbott@Central.UH.EDU)

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## UNIVERSITY of HOUSTON

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Health & Human  
*Performance*

**Ph.D. in Kinesiology**  
*with an emphasis in  
Motor Behavior*

<http://hhp.uh.edu>



# Open the gateway to your future ...

with a Doctor of Philosophy  
with an emphasis in  
Motor Behavior

## Designed for

Students interested in:

- Adaptive sensorimotor control
- Biomechanics of posture and gait
- Basic and translational research models
- Elite and at-risk populations
- The physiology of exercise
- Interactions among exercise, nutrition and immunology
- Research careers in academia, rehabilitation, space, etc.



*“Our research lab, located in the Texas Medical Center, gives us unprecedented access to real patient populations to study rehabilitative therapies. The technologically advanced lab is equipped with 3-D imaging cameras and software, a special split-belt treadmill (to study tripping and slipping physiology), a GAITRite (foot pressure system to monitor gait patterns), numerous EMG systems, and many other items that make the motor behavior core the clear choice for a graduate student focus area.”*

*John Ward, D.C., M.A., M.S.*



*“Being a student in the motor control track of the Ph.D. program enabled me to conduct state-of-the-art research on neurophysiology of movement control in healthy and clinical populations. With the comprehensive curriculum of classes in motor control, biomechanics, physiology, neuro and cognitive sciences, I received a strong academic foundation in relevant scientific disciplines. Through mentorship of a world renowned expert in the field (Dr. Paloski), and extensive exposure to laboratory research at the Center for Neuromotor and Biomechanics Research (CNBR), the program has prepared me for the challenges of a professional career in both research and academia.”*

*Vladimir Ivkovic, M.S.*

## Why HHP

- You have access to researchers, clinicians and patient populations through the Center for Neuromotor and Biomechanics Research (CNBR) in the Texas Medical Center, as well as access to laboratories and researchers at the Johnson Space Center (JSC).
- Graduate tuition rates at UH are very reasonable, and there are many fellowship opportunities available. HHP accepts applications every semester for teaching fellow positions that offer 9 credit hours of tuition waiver, plus a stipend each month.  
<http://www.uh.edu/financial/graduate>
- You have an opportunity to work with the #1 ranked, most productive faculty in the nation in the fields of health, physical education and recreation, according to Academic Analytics.  
[http://hhp.edu/Currentevents/08\\_ranking.cfm](http://hhp.edu/Currentevents/08_ranking.cfm)
- You will improve your marketability for promotions and open more career opportunities
- UH has outstanding facilities and equipment

## Why Kinesiology

### Program Description

The doctor of philosophy in the kinesiology program currently focuses on three broad areas of kinesiology; motor control and learning, physiology, and obesity studies. It should be noted that the guiding philosophy of the program is that the student and advisor should work closely together to develop a course of study, which appropriately meets the student's professional goals. Acceptance of a student into the Ph.D. (kinesiology) program is determined by a number of factors, one of which is a clearly identified faculty advisor/mentor within the program. As such, it is a requirement that prospective students contact the professor(s) they share common scientific interests with prior to applying to the program.

### Motor Behavior

This emphasis provides students with the experimental, theoretical and analytical tools necessary to investigate the basic processes and mechanisms underlying motor control and learning. The results will provide improved training and rehabilitation for special needs populations, including athletes, astronauts, performing artists, patients coping with movement disorders or recovering from traumatic injuries, and normal individuals adjusting to the functional consequences of aging. Graduates of the program will have an expertise in biomechanics, kinesiology, sensorimotor physiology, movement disorders and rehabilitation; and will be qualified to pursue research careers in academia, medical research institutes, government laboratories or corporate research and development centers.