The Graduate Student EXPERIENCE

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HHP Online:
hhp.ufl.edu

Find us on Social Media:
facebook.com/UFHHP
twitter.com/UF_HHP
Dear New and Returning HHP Graduate Students,

On behalf of the faculty and staff of the College of Health and Human Performance (HHP), welcome to the University of Florida. The selection of a graduate program is an important professional decision. You have chosen wisely!

The renowned Master’s and PhD programs in HHP have a long history of excellence in graduate student preparation. Our graduates secure prestigious post-doctoral fellowships and tenure earning faculty positions at leading research intensive universities and federal agencies, as well as highly successful careers in the health, tourism, and management industries. As those of you who are returning to HHP know, and as those of you who are new will soon experience, you have selected an outstanding college and university to further your academic and professional endeavors.

Our nationally ranked graduate programs are highly productive, as evidenced by HHP’s publication rate and quality, as well as the procurement of federal and corporate funding to support the college’s important work. Our graduate students contribute extensively to fulfillment of the college mission through scholarly research, publications, professional conference presentations, service, and outreach activities. Local, state, national, and global impacts are realized through the many talents and efforts of HHP students, faculty, and staff.

The overarching mission of the College is to “provide recognized programs of excellence in teaching, research and service that focus on assisting individuals, families and communities to promote health and prevent disease while enhancing quality of life across the lifespan.” The HHP community of scholars is united in our search for ways to improve human health and well-being. Basic research in the college focuses on fundamental questions dealing with the mechanisms that underlie physical and psychosocial health. Basic knowledge is then integrated in applied research investigating the multiple roles of physical activity, health education, leisure, and events, in maximizing quality of life.

The Office of Academic Affairs is here to support your graduate education efforts in the college, and to ensure that your time here is resourceful, productive, and enjoyable. I strongly encourage you to embrace the many opportunities for professional and personal growth that will be presented to you during your graduate student career at UF. Please do not hesitate to contact me or any of the college staff to assist you during your graduate studies here in UF’s College of Health and Human Performance.

Welcome to HHP and Go Gators!

Christopher Janelle, Ph.D.
Associate Dean for Academic & Student Affairs
Professor, Applied Physiology & Kinesiology
About the College of Health and Human Performance

The University of Florida College of Health and Human Performance is unlike most academic colleges. In fact, you would be hard pressed to find another college that can positively influence so many people in so many different ways.

The College’s three departments – Applied Physiology and Kinesiology, Health Education and Behavior, and Tourism, Recreation and Sport Management – as well as its two centers and one institute – The Center for Exercise Science, Center for Digital Health and Wellness, and The Eric Friedheim Tourism Institute – place the college firmly in a position to influence and address an array of individual and societal challenges.

The world class faculty in HHP perform ground–breaking research leading to improvements in adolescent and adult health behaviors, increased efficiency and impact of tourism, sports, and other community events, as well as beneficial interventions for individuals with Parkinson’s disease and cardiovascular disorders. HHP Faculty are making an impact on people’s lives every day through their expertise and scholarship.

HHP prepares its graduate students with the tools, knowledge and confidence to fulfill their academic aspirations and become assets to their communities. Many of our alumni go on to fulfill positions at universities and research institutions, as well as professional careers in exercise science, health education and promotion, recreation, parks, tourism and sport management. Each helps to contribute to a healthier world for tomorrow.

Quick Facts

Established: 1946
Enrollment: 1,745 (undergraduate); 264 (graduate)
Faculty: 52
Departments: Applied Physiology and Kinesiology; Health Education and Behavior;
Tourism, Recreation and Sport Management
Research Centers: Center for Exercise Science; Center for Digital Health & Wellness
Research Institute: Eric Friedheim Tourism Institute
Current Grant & Contract Awards: $4 million
Department Chairs: Michael Delp, Ph.D. (APK), Jalie Tucker, Ph.D. (HEB),
Michael Sagas, Ed.D. (TRSM)

HHP Administration

Michael Reid
Dean
Christopher Janelle
Associate Dean for Academic & Student Affairs
James Cauraugh
Associate Dean for Research
Dan Connaughton
Associate Dean for Faculty Affairs
Undergraduate Degrees
Bachelor of Science in Applied Physiology and Kinesiology

Specializations:
Exercise Physiology
Fitness/Wellness

Bachelor of Science in Athletic Training

Graduate Degrees:
Master of Science in Applied Physiology and Kinesiology

Concentrations:
Athletic Training
Biobehavioral Science
Clinical Exercise Physiology
Exercise Physiology
Human Performance

Doctor of Philosophy in Health and Human Performance

Concentrations:
Biobehavioral Science
Exercise Physiology

Department Chair
Stephen Dodd, Ph.D.

Graduate Coordinator
Evangelos Christou, Ph.D.

Program Assistant
Michael Balkcom
mbalkcom@ufl.edu
FLG 100
Dr. Peter Adhihetty’s research focuses on the involvement of a cellular process known as “programmed cell death” in disease and old age-associated muscle loss.

Dr. Paul Borsa’s recent research has focused on shoulder pain and the effectiveness of dietary supplements in aiding the recovery of muscle from exercise-induced muscle damage. He also studies the effectiveness of phototherapy treatment of musculoskeletal injuries.

Dr. Randy Braith has a long-standing research interest in the pathology of heart failure and how exercise helps the body recover following heart transplantation. In addition, his research examines the problem of bone loss that occurs following organ transplant as a result of drug therapies and how resistance exercise can offset this adverse effect on bone.

Dr. James Cauraugh's research examines the mechanisms of motor behavior impairment and investigates the effects of exercise and other interventions in the recovery of motor control, particularly among stroke patients.

Dr. Demetra Christou's research investigates how cardiovascular health is impaired with aging, obesity and type II diabetes, and how exercise training and diet-induced weight loss help to reverse this dysfunction.

Dr. Evangelos Christou’s research aims to understand how aging and other disorders change the central nervous system as well as the activity of the muscles, and how these alterations impair the ability to perform and learn new tasks with precision and accuracy.

Dr. Thomas Clanton’s research examines how various disease states and their resulting diminished blood flow to heart and skeletal muscle tissue compromises normal heart and muscle function. In addition, Dr. Clanton investigates the underlying causes of heat stroke and other ailments that result from high body temperatures.

Dr. Stephen Dodd’s research examines the signaling pathways that direct protein breakdown with disuse, and the role of heat shock proteins and other signaling molecules in attenuating muscle atrophy.

Dr. Leonardo Ferreira’s research uses new genetic and pharmacologic interventions to investigate cellular and molecular mechanisms of respiratory muscle weakness and fatigue with an aim to develop novel therapies to alleviate muscle weakness and fatigue.

Dr. Chris Hass investigates the biomechanics of lower limb function under conditions such as Parkinson’s disease and old age, and how various interventions improve limb function and quality of life.

Dr. Christopher Janelle studies how emotions affect the attentional and motor mechanisms that impact movement execution among high level performers as well as individuals who suffer from emotional and movement disorders.

Dr. Scott Powers’ research is focused upon exercise mediated changes in cardiac and skeletal muscle, and specifically the antioxidant systems that protect the heart and muscle against ischemia-reperfusion injury.

Dr. David Vaillancourt uses structural, functional, and electrophysiological neuroimaging techniques to understand how the human brain regulates voluntary and involuntary motor control. He co-founded the Laboratory of Rehabilitation Neuroscience with Dr. Stephen Coombes. The laboratory is particularly focused on the cortex, basal ganglia, and cerebellum in movement disorders.

Dr. Stephen Coombes uses classical behavioral tools and state-of-the-art structural and functional brain imaging technologies to examine how sensory information influences motor control. Particular interest is given to how pain processes and emotional processes influence the motor system to guide human behavior.
Undergraduate Degree:
Bachelor of Science in Health Education
Specializations:
  Community Health Promotion
  Health Studies

Graduate Degrees:
Master of Science in Health Education and Behavior

Doctor of Philosophy in Health and Human Performance
Concentration:
  Health Behavior
**Dr. Charkarra Anderson-Lewis’** research areas include community-based participatory research, health disparities issues, mHealth, cancer prevention and control, obesity related health issues, community capacity building, training community health workers, and the use of community-based research principles to design, implement, and evaluate community health worker interventions. Dr. Anderson-Lewis also has expertise in qualitative research methods and conducting community assessments.

**Dr. Delores James’** research areas include obesity and weight management, health literacy, health disparities (ethnic, gender, age, urban/rural), tailored health messages, entertainment education, and eHealth and mHealth programs and interventions. Dr. James has advanced training in mixed methods research and qualitative methodologies. She also is a certified focus group moderator.

**Dr. Michael Stellefson’s** research interests include Chronic Obstructive Pulmonary Disease (COPD) patient education, interactive health communication in chronic disease self-management, use of applied information and communication technologies to prevent behavioral risk factors associated with chronic disease, and eHealth literacy across the lifespan.

**Dr. Christine Stopka’s** research examines how exercise and physical activity can help improve the quality of life of people of all ages with disabilities. Her research includes: exercise therapy, sports medical considerations, and adapted physical activities for people with disabilities; specializing in fitness programs for people with intellectual disabilities, peripheral arterial disease, and physical/medical conditions.

**Dr. Jalie Tucker** does applied behavioral economic research on how people change established patterns of alcohol misuse and other harmful health behaviors. Her work is aimed at informing risk reduction and prevention strategies in community-dwelling populations. Recent projects include: (1) longitudinal studies of natural recovery from alcohol problems, a common pathway to problem resolution for a stigmatized disorder with low rates of help-seeking; (2) peer-driven sampling studies of health risk and protective behaviors among African American emerging adults living in disadvantaged urban communities; and (3) research on health risk and protective behaviors among rural substance users living with HIV/AIDS. Several projects use IVR-based platforms for longitudinal behavioral assessment and intervention in natural environments. Her research has been supported by awards from NIAAA, NIDA, CDC, and SAMSHA.
Undergraduate Degree:
Bachelor of Science in Tourism, Event and Recreation Management
  *Specializations:*
  - Event Management
  - Recreation Management
  - Tourism and Hospitality Management

Bachelor of Science in Sport Management

Graduate Degrees:
Master of Science in Recreation, Parks and Tourism
  *Concentrations:*
  - Campus Recreation Programming and Administration
  - Natural Resource Recreation
  - Recreation Administration & Supervision
  - Tourism and Commercial Recreation

Master of Science in Sport Management

Doctor of Philosophy in Health and Human Performance
  *Concentration:*
  - Recreation, Parks and Tourism
  - Sport Management

Department Chair
Michael Sagas, Ed.D.

Graduate Coordinator
Stephen Holland, Ph.D.

Program Assistant
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FLG 301
TRSM Graduate Faculty Research Biosketches

Dr. Bertha Cato’s research interests include youth development and prevention with a focus on theory building and evaluation, financing and marketing tourism, parks and recreation services.

Dr. Dan Connaughton’s research is largely focused on the study of law and risk management in sport and physical activity programs. His research has specifically investigated (a) risk perception; (b) risk management policies and practices; (c) awareness of and compliance with statutes, standards, and guidelines; and (d) injury/death prevention in sport and physical activity. His research findings have implications for influencing policy, improving risk management practices, and decreasing injuries, fatalities, and liability.

Dr. Holly Donohoe’s research interests include critical examinations of contemporary environmental management and planning paradigms and their application within the parks and tourism domains.

Dr. Daniel Fesenmaier’s research interests include tourism marketing and destination research services to national, state, region and local tourism organizations, especially in the fields of e-commerce marketing, advertising evaluation and information technology applications in tourism.

Dr. Heather Gibson’s research interests include active sport tourism participation in mid and later life, the effects of event sport tourism on the community, the leisure, health and well-being in later-life women, and the resistance and empowerment of women through solo travel.

Dr. Stephen Holland’s research interests include water-based recreation and tourism activity participation and demand, especially coastal and marine fishing, beaching, boating and coastal parks; ecotourism, park management, economic impact studies and visitor behavior; sustainable tourism and tourism impacts, and outdoor recreation small business operations.

Dr. Kiki Kaplanidou’s research interests include consumer behavior within sport and sport tourism contexts, image of sport and sport events and their fit with destination and sponsor images, and national and international community development through sport initiatives.

Dr. Yong Jae Ko has been involved in numerous research projects that relate to sport consumer behavior and sport event marketing. A particular research interest includes consumer attitudes, perceptions and beliefs about sport organizations and their sport participation motivation/involvement and commitment/identification toward sports. His scholarly efforts are intended to help communities improve quality of life for individuals and families through sport participation, with the added benefit of also improving their psychological and physical health.

Dr. Brian Mills’ research encompasses managerial economic issues in sport, with a focus on a diverse range of quantitative methods in the field. Some of the topics he has researched in the context of sport include: labor economics and discrimination/social influences; industrial organization topics (attendance demand, competitive balance, and league organizational structure); public policy and economic development; fantasy sport consumer behavior; athlete philanthropy and volunteerism.

Dr. Lori Pennington-Gray’s research interests include tourism crisis management, using a “systems approach” to understand both demand-side and supply-side issues related to tourism, consumer travel behavior on the demand side, and the decision-making process of destination marketing organizations on the supply-side.

Dr. Michael Sagas’ primary line of inquiry in the field of sport management has been focused on the continued under-representation and differential treatment of women and minorities in coaching and athletics administration at the intercollegiate athletics level.

Dr. J.O. Spengler’s research interests include safety and injury prevention in sport and recreation, case and statutory law analysis in sport and recreation, and active living and obesity prevention relevant to sport and physical activity.

Dr. Svetlana Stepchenkova’s research interests include destination image as a competitive factor in destination management, marketing and branding. She also studies the effects of media messages on tourism behavior and destination demand, as well as Web sites and online communities as marketing tools for Destination Marketing Organizations. Another of her interests involves examining user-generated content (such as TripAdvisor.com) as a word-of-mouth data source.

Dr. Brijesh Thapa’s research interests include ecotourism and cultural heritage tourism in developing countries, tourist behaviors and the socio-cultural, environmental and economic impacts, and outdoor recreation and tourism management in parks and protected areas.
DEPARTMENT OF APK

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Postdoctoral Research Associate
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Jenna Betters, Ph.D. (2007)
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Michael Schmoyer, Ph.D. (2007)
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Public Health Service
Deputy Director, CDC Regional Office for Central America and
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Tenure Track Assistant Professor
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DEPARTMENT OF TRSM

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Associate Professor & Graduate Coordinator
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Tinelle Bustam, Ph.D. (2009)
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Associate Professor
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Ignatius “Pulung” Cahyanto, Ph.D. (2012)
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Sport Management; School of Education and Professional Studies,
Lake Erie College

Janelle Wells, Ph.D. (2012)
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Department of Sport Management
Florida State University
WHO WE ARE

The HHP Office of Research is here to help you! Dr. James Cauraugh was appointed Associate Dean for Research in 2007 with a mission to oversee the College’s research enterprise. Ms. Dorothea Roebuck manages the Office of Research on behalf of the College.

RESEARCH EMPHASIS

Research is a dynamic and continually evolving process in pursuit of knowledge. As an undergraduate, many of you became interested in a topic and you asked questions about “who, what, when, why, and so what?” Some of the answers you discovered may have led to an explanation that you presented at a regional or state conference. As graduate students, you have a unique opportunity to expand your inquisitiveness, begin specializing in a topic, and develop your research skills while interacting with your major professor.

Many students go beyond successfully defending their thesis or dissertation. Novel findings and knowledge contribute to literature and many of your articles will merit publication in refereed journals. Your graduate education forms a foundation for your professional career of investigating and creating new knowledge as you develop your expertise and apply for research fellowships, predoctoral awards, and post-doctoral grants. External agencies critically review your research ideas and provide suggestions for refining your questions.

These experiences are valuable in distinguishing you from other candidates for post doctoral and assistant professor positions as well as launching an exciting career of external funding to support your research.

WHY SEEK EXTERNAL FUNDING?

Good science is usually funded by an agency outside the university. Agencies appoint leading researchers in a discipline to study sections with the purpose of debating the significance of research ideas, merits of proposals, and potential impact in areas. At leading research institutions, external funding is an expectation.

WHY PUBLISH IN REFEREED JOURNALS?

Disseminating knowledge is one of the primary goals of research. Submitting your articles to refereed journals is an effective way to disseminate knowledge. Refereed journals have editorial boards who are experts in an area, and they determine the validity of your research. Once the scientific community evaluates and approves your research manuscript, you will join the list of published authors.

When deciding on an appropriate journal, keep in mind that premier journals are the highest rated ones in an area of study, and not all journals are premier. Currently, there are two rating systems for determining a journal’s impact on science and social sciences: (a) ISI Journal Citation Reports (JCR) and (b) Harzing’s H-index for journals. Both systems tabulate and calculate journals’ impact factors based on publications and citations. In 2013-14, HHP faculty published 148 refereed articles with 85 students. Many of the 85 students and faculty publications are in premier journals.

What the Research Office can do to keep you on track toward publishing and receiving funding:

- Federal agencies fund scientifically sound research projects. Below is a list of links that describe funding opportunities. The College and your Department will help you apply. Once you have identified a potential agency, stop by and visit with Ms. Roebuck or Dr. Cauraugh for information and direction.
- Journals publish strong research. There are hundreds of academic publishing outlets; however, it is important to be discriminating and intentional in determining the best publishing outlet for your research. Use the ISI Web of Knowledge to discover the publications in your field that are impactful. Ms. Roebuck and Dr. Cauraugh, along with your major professor, are available to talk about journals and to help you identify the type of places you’d like to place your work.

FUNDING OPPORTUNITIES

http://hhp.ufl.edu/wp-content/uploads/Fellowship-Grant-Opportunities-for-Graduate-Students-2.pdf
AAUW Fellowships and Grants
http://www.aauw.org/what-we-do/educational-funding-and-awards/

American Heart Association/Greater Southeast Affiliate – Predoctoral Fellowships
http://my.americanheart.org/professional/Research/FundingOpportunities/Funding-Opportunities_UCM_316909_SubHomePage.jsp
Deadline: Generally in January/February
Applications available: Generally after September 15

Environmental Protection Agency Fellowships
http://www.epa.gov/ncer/fellow/
Deadline: Vary by program
Applications available: Generally in the Summer

Florida Sea Grant Student Fellowships, Scholarships and Awards
https://www.flseagrant.org/students/scholarships/

Florida Space Grant Consortium – Space Grant Fellowships (master's and doctoral)
http://floridospacegrant.org/programs/fellowships/
Deadline: LOI – March, Proposal – April

Ford Foundation – Diversity Fellowships: Predoctoral Fellowships
http://sites.nationalacademies.org/pga/fordfellowships/
Deadline: Generally in November
Applications available: Generally in August

Institute of International Education (IIE) - Fulbright Awards for Study/Research Abroad (all disciplines, all levels of graduate study before the PhD; foreign language proficiency required)
Campus Deadline: Generally in September
Contact: UF Honors Program Office

International Research & Exchanges Board Individual Advanced Research Opportunities
Deadline: November

Link Foundation Energy Fellowships
http://www.linkenergy.org/guidelines.html
Deadline: December

McKnight Doctoral Fellowships
http://www.fefonline.org/mdf.html
http://graduateschool.ufl.edu/finances-and-funding/mcknight
Deadline: January 15th
Contact: Office of Graduate Minority Programs

Microsoft Research Graduate Women's Scholarship
Deadline: Generally Early October

NASA - Graduate Student Researchers Program
http://fellowshipshq.nasa.gov/gsrp/
Deadline: Early Spring
Applications available: Generally in the Fall

National Consortium for Graduate Degrees for Minorities in Engineering and Science, Inc. (GEM) – Graduate Fellowships (doctoral in natural science disciplines)
http://www.gemfellowship.org/gem-fellowship
Deadline: November 15 annually
Online Application Period: opens July 1

National Institutes of Health (NIH) – Information about Ruth L. Kirschstein NRSA Individual Fellowship Funding Opportunities
http://grants.nih.gov/training/F_files_nrsa.htm
Deadline: See individual program announcements

National Physical Science Consortium – Graduate Fellowships in the Physical Sciences
http://www.npsc.org/
Deadline: November 30 annually
Application period: The NPSC application is filled out and completed online.

National Science Foundation – Information for Graduate Students
Applications available: late summer

Paul & Daisy Soros Foundation – Graduate Fellowships for New Americans
http://www.pdsoros.org/
Deadline: Early November
Applications available: Generally in May

Sigma Xi – Grants-in-Aid of Research (Small Grants under $1,000 to support research in any scientific area)
Deadline: March 15 and October 15 annually
SMART (Science, Mathematics and Research for Transformation) Program Fellowships
(established by the Department of Defense (DoD) to support undergraduate and graduate students pursuing degrees in Science, Technology, Engineering and Mathematics (STEM) disciplines)
http://www.asee.org/fellowship-programs/graduate
Deadline: December

U.S. Department of Defense (DOD) - National Defense Science & Engineering Graduate Fellowships
http://www.asee.org/ndseg/
Deadline: Early January
Applications available: Generally in the Fall

Dissertation Support:

AAUW Fellowships and Grants (Breaking Through Barriers for Women and Girls)
http://www.aauw.org/what-we-do/educational-funding-and-awards/

Association for Institutional Research Dissertation Grants
http://www.airweb.org/GrantsAndScholarships/Pages/default.aspx

Harry Frank Guggenheim Foundation – Dissertation Fellowships (for research to understand and reduce violence, aggression and dominance)
http://www.hfg.org/df/guidelines.htm
Deadline: February 1 annually
Applications available: Forms available online

Mellon / American Council of Learned Societies (ACLS) – Dissertation Completion Fellowships (Open to Ph.D. students writing dissertations in the humanities and related social sciences)
Deadline: Mid-November
Applications available: Generally in March

National Science Foundation (NSF) – Directorate for Social, Behavioral & Economic Sciences (SBE)
http://www.nsf.gov/sbe/ddrig_contacts.jsp
Applications available: Through NSF’s FastLane application system

National Science Foundation (NSF) – Doctoral Dissertation Improvement Grants in the Directorate for Biological Sciences (DDIG)
Applications available: Through NSF’s FastLane application system

Internal UF coordination required for submission: Instructions are generally posted in the FYI Funding Newsletter in October

U.S. Dept. of Housing & Urban Development (HUD) - Doctoral Dissertation Research Grant (DDRG) Program
Deadline: August
Applications available: Spring
UF RESOURCES:

UF Graduate School Doctoral Research Travel Awards
http://graduateschool.ufl.edu/finances-and-funding/doctoral-research-travel

UF Graduate School Financial Aid website
http://gradschool.ufl.edu/students/financial-aid

UF Graduate Student Council Travel Grants
http://ufgsc.org/

UF Office of Research
http://research.ufl.edu/faculty-and-staff/proposal-development/submission/grantsmanship-resources.html

UF Honors Program
http://www.honors.ufl.edu/Prestigious-External-Scholarships.aspx
Domestic & International Fellowships for Undergraduates & Graduate Students

UF International Center – Financial Resources
http://www.ufic.ufl.edu/ISS/FinancialResources.html

UF Libraries Grant Resources
http://guides.uflib.ufl.edu/funding

UF Office of Graduate Minority Programs
http://graduateschool.ufl.edu/student-life-and-support/diversity-programs

UF Office of the Provost – Graduate Initiative
http://www.aa.ufl.edu/fellows/

UF Office of Research External Funding Opportunities
http://my.research.ufl.edu/ProgramDevelopment/FundingOpportunities/Opportunities.aspx

UF Office of Research Graduate Student Travel Funds
http://www.research.ufl.edu/research-program-development/research_program_development_docs/travel.pdf

UF Student Financial Resources
http://www.sfa.ufl.edu/programs/

UF Student Financial Affairs “Scholarship Finder”
http://www.sfa.ufl.edu/search/

COS FUNDING OPPORTUNITIES DATABASE:

Students are encouraged to register on http://pivot.cos.com/funding_main (free for UF faculty, students and staff). This funding opportunities database is particularly useful for graduate students because searches can be targeted to specific disciplines and types of funding (e.g., dissertation research, graduate studies, etc.). Once appropriate search parameters are identified that produce good results, the user can save the search to his/her workbench and re-run it periodically to check for new opportunities. Or, the user can click on the funding alert box and new results from this search will be sent in an email every week. Those interested in learning more about how to use COS can access training resources at http://research.ufl.edu/faculty-and-staff/finding-funding.html.
Research Opportunities

The college’s faculty conduct some of the most impactful research in the country in their respective fields, providing many opportunities for academic and applied research and scholarship. Research opportunities are available through individual faculty and through the college’s research centers and institute.

CENTER FOR DIGITAL HEALTH & WELLNESS

The Center for Digital Health & Wellness conducts domestic and global research, evaluation, and training with diverse collaborators on the application of new information and communication technologies (ICT) to health promotion, disease prevention, wellness, and epidemiological surveillance. Areas of emphasis include eHealth and health, defined as the use of mobile and/or cellular phone technology in healthcare, health promotion, and health education. **Director:** Dr. Jalie Tucker

CENTER FOR EXERCISE SCIENCE (CES)

The Center for Exercise Science researchers are engaged in studies designed to improve our understanding of the basic mechanisms that underlie exercise-induced changes in the body at the organ, tissue, cellular and molecular level. Further, CES scientists are investigating applied topics such as the development of rehabilitation techniques for regaining motor control after stroke, maintaining optimal health, and delaying age-related declines in physiological function. The primary goal of scientists in CES is to improve human health by advancing knowledge through research. CES houses research laboratories, providing an outstanding environment to educate University of Florida students and post-doctoral fellows who will become the next generation of health-related exercise scientists and clinicians. This multidisciplinary research center is dedicated to investigating the complex interactions between physical activity, movement, aging, and muscle as well as neuromuscular adaptations. Treatment effects of nutrition, pharmacology, heat stress, muscle disuse, bimanual coordination, and Parkinson’s disease are investigated. **Director:** Dr. Scott Powers

**CES Research Laboratories:**

**Applied Neuromechanics**
Research in the Applied Neuromechanics Lab focuses on interactions between musculoskeletal biomechanics and sensorimotor control of lower extremity function with particular emphasis on the coordination of locomotion and balance. We apply biomechanical and neurophysiologic principles to understand aging and disease processes (Autism Spectrum Disorders, Cerebral Palsy, Parkinson’s disease) so that interventions (Behavioral: Exercise; Surgical: Deep Brain Stimulation; and Pharmacological) can be optimized to improve physical function and Quality of Life. **Director:** Dr. Chris Hass

**Clinical Research**
The Clinical Research Laboratory, established in 1995, is dedicated to research involving human clinical patients. The primary research focus of the Clinical Research Laboratory is heart disease, vascular disease and organ transplantation. Researchers in this laboratory study mechanisms of coronary disease, stroke, hypertension and heart failure. Patients are often studied before organ transplantation and tracked after transplantation to develop better therapeutic treatments. **Director:** Dr. Randy Braith

**Integrative Live Cell Imaging and Photometry**
Researchers in this lab focus on how skeletal muscle and other body tissues respond to stress, such as a shortage of oxygen in the body and heat stroke. The lab specializes in the use of unique imaging and spectroscopy methods in living tissue to reveal changes that are responsible for adaptations to environmental and exercise-induced stress. **Director:** Dr. Thomas Clanton
Integrative Muscle Biochemistry
This lab focuses on the prevention of skeletal muscle wasting. Five typical ways that individuals lose muscle are: (a) prolonged bed rest, (b) cancer, (c) congestive heart Failure, (d) diabetes, and (e) ventilator machines to help breathing. Loss of muscle mass results in muscle weakness, fatigue, delayed recovery from illness and risk of disease. When respiratory muscles are affected, patients have an increased risk of lung complications requiring prolonged mechanical ventilation and extended stays in intensive care. **Director: Dr. Scott Powers**

Integrative Cardiovascular Physiology Laboratory
This lab performs mechanistic biomedically-relevant research in humans from an integrative perspective using whole-body measures (e.g., flow mediated dilation via ultrasonography) complemented with cellular/molecular approaches (vascular endothelial protein expression, mRNA expression in peripheral blood mononuclear cells). The general research focus of her lab is the study of alterations in cardiovascular-autonomic function in aging and related risk factors for cardiovascular disease (e.g., obesity, metabolic syndrome, Type II diabetes). In addition, her group is interested in the effect of lifestyle interventions such as physical activity/exercise training and diet on cardiovascular function. **Director: Dr. Demetra Christou**

Laboratory of Basic and Clinical Muscle Biology
The main research focus of the laboratory is to understand mechanisms and develop new therapies for skeletal muscle weakness and atrophy in chronic diseases. Researchers in the lab also aim to understand mechanisms of muscle fatigue in health and disease states. We use an integrative approach with state-of-the art techniques to study biochemistry and biophysics of contraction in intact muscles and single muscle fibers. **Director: Dr. Leonardo Ferreira**

The Laboratory of Rehabilitation Neuroscience
Our goal is to understand how the human brain regulates movement. The laboratory studies the human brain during upper and lower limb movements, perception of pain, longitudinal brain changes for cognitive and motor behaviors, and treatment interventions that include pharmacology, surgery, and exercise. Particular focus is on movement disorders, pain, and stroke. We use techniques that include functional magnetic resonance imaging, high-density electroencephalography, diffusion tensor imaging, fiber tractography, functional connectivity, electromyography, and kinetic and kinematic measurements. **Co-Directors: Dr. David Vaillancourt, Dr. Stephen Coombes**

Molecular Physiology
Researchers in this lab investigate how muscles grow or gain more endurance and the molecular level changes and genetic background involved in muscle adaptations. Leading questions include: What controls skeletal muscle mass and what key chemical signals are required to maintain muscle and prevent muscles from wasting away?

Motor Behavior
This lab investigates people learning and controlling movements. Current research involves force modulation and variability, bimanual coordination theory, and coupled rehabilitation protocols for stroke motor recovery. Neuromuscular electrical stimulation combined with bilateral movements provides chronic stroke patients with improved motor capabilities as they try to execute movements required in daily living. **Director: Dr. James Cauraugh**
**Muscle Physiology**
This lab studies why and how muscle wasting occurs with disuse and other conditions that cause muscle loss. Specifically, the lab is trying to understand the mechanisms that control muscle wasting with the intent of developing nutritional and pharmacologic treatments for prevention. **Director:** Dr. Stephen Dodd

**Neuromuscular Physiology Laboratory**
This lab studies neuromuscular mechanisms that mediate acute perturbations (arousal, fatigue, and sleep) and chronic influences (aging, disease, training, and learning) to motor performance in humans. The clinical significance of this work relates to populations that have increased tremor and impaired accuracy, such as older adults and Parkinsonian patients. **Director:** Dr. Evangelos Christou

**Performance Psychology**
The mission of this lab is to understand how emotions influence the thoughts and behaviors of participants in health and performance settings. The lab has studied how emotion influences attention and, ultimately, the motor actions of elite athletes and other performers. The lab also studies the role of attention and emotion in anxiety and movement disorders. **Director:** Dr. Christopher Janelle

**Sports Medicine**
This lab investigates important clinical issues related to injury prevention and care for the physically active. Through research, the lab scientists strive to gain a better understanding of the neurological and mechanical behavior of articular structures, or joints, as it pertains to physical stress, bone or muscle injury, therapeutic intervention and clinical outcome. **Director:** Dr. Paul Borsa

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The University of Florida’s Eric Friedheim Tourism Institute (EFTI) is committed to facilitating and fostering the growth of tourism. The Institute is redefining how companies, governments and communities look at travel and tourism. The EFTI faculty believe it’s prudent to plan, develop and manage tourism — not just because it’s smart for the economy, but to address potential environmental and socio-cultural concerns. With more people traveling, it’s become a challenge for some communities to maintain a vibrant tourism-based economy while protecting the natural environment and their traditional way of life. EFTI (formerly known as the Center for Tourism Research and Development) was created in 1992 to serve tourism destinations and industries through research, consultancy, education and training services. Since then, it has evolved to become a major center for tourism research in Florida, the United States and globally. EFTI is at the forefront to address the challenges facing all of us, both today and tomorrow. The Institute, which taps into experts from a wide range of disciplines, is world-renowned for its fresh, academic and applied approach to the field. Dedicated to research excellence and with a passion for knowledge, the EFTI team works to solve tourism related issues within six program areas: 1) Tourism Marketing; 2) Sport Tourism and Event Management; 3) Ecotourism and Heritage Tourism; 4) Coastal, Marine and Water-based Tourism; 5) Tourism Crisis Management; and 6) Hospitality Management. **Director:** Dr. Daniel Fesenmaier
HHP FELLOWSHIPS
(http://hhp.ufl.edu/index.php/current-students/current-students/graduate-student-resources/)
• Jane Adams Edmonds Endowed Ph.D. Fellowship
• Dr. Charles W. LaPradd Endowed Ph.D. Fellowship

HHP ENDOWED SCHOLARSHIPS
(http://hhp.ufl.edu/index.php/current-students/scholarships/graduate-scholarships/)
• Allen/Holyoak/Varnes Endowed Scholarship
• Bill Sims Scholarship
• Billy K. and Betty C. Stevens Scholarship
• C.A. Boyd Endowed Scholarship
• Charles & Linda Williams Scholarship
• Charles McPhilomy Scholarship
• Danny Eggart Scholarship
• David & Linda McCaughey Endowed Scholarship
• Dr. Norma M. Leavitt Scholarship
• Dr. Paul Welch Scholarship
• Eraste Autin Scholarship
• Ethyl & Charles Mostert Scholarship
• Fabulous 50’s Hill Brannon Scholarship
• Fagerberg-Varnes Scholarship
• Health Solutions Endowed Scholarship
• Herman W. Schnell Memorial Scholarship
• Lee-McCachren Endowed Scholarship
• M.M. (Matt) Tutton, Sr. Endowed Scholarship (Undergraduate & Graduate)
• The McGriff Family Endowed Scholarship
• Thomas F. Hayes IV Endowed Memorial Scholarship
• William M. Potter/M.B. Chafin Scholarship

HHP scholarship applications will be available in the spring.
Graduate Student Information Overview

RESIDENCY INFORMATION
- Florida: A Place for Discovery: http://test.gradschool.ufl.edu/students/florida.html
- Gainesville: A Place for Living and Learning: http://test.gradschool.ufl.edu/students/gainesville.html
- Housing: http://www.housing.ufl.edu/housing
- Residency requirements: http://www.admissions.ufl.edu/residency/index.html

REGISTRATION INFORMATION (http://www.registrar.ufl.edu/)
- Class schedules: http://www.registrar.ufl.edu/soc/
- ISIS: http://www.isis.ufl.edu/

UNIVERSITY OF FLORIDA INTERNATIONAL CENTER (http://www.ufic.ufl.edu/)
- International Student Services (e.g., VISA, I-20, J-1, etc.)
- International Faculty and Scholars
- Study Abroad Services
- International Exchange Students
- Travel

TEACHING REQUIREMENTS AND AIDS
- Teaching tools: https://lss.at.ufl.edu/teachingtools/
- Teaching requirements (e.g., SPEAK test): http://graduateschool.ufl.edu/student-life-and-support/teaching-assistant-resources

UF GRADUATE STUDENT COUNCIL http://gsc.sg.ufl.edu/
About the GSC: The UF Graduate Student Council (GSC) serves as a liaison between University of Florida graduate students, the UF administration and UF Student Government. Funded by UF Student Government and, in part, by the UF Graduate School, it is a voice for graduate student needs, concerns and ideas, and provides a number of services to graduate students, such as travel and research grants.

STUDENT ALUMNI ASSOCIATION (http://www.ufalumni.ufl.edu/saa/)
The SAA facilitates interaction between students and alumni members. Joining the SAA is a great way to connect to the University and create bonds with fellow students and UF alumni.

OTHER HELPFUL LINKS FOR GRADUATE STUDENTS
- UF Graduate School: http://gradschool.ufl.edu/index.html
- Student Calendar and Planner: http://ufgradschool.premierplanner.org/
- UF Directory: http://phonebook.ufl.edu/
- Campus Map: http://campusmap.ufl.edu/
- Gator 1 ID Card Information: http://gator1.ufl.edu/
CULTURAL FACILITIES
- Florida Museum of Natural History and Butterfly Rainforest: http://www.flmnh.ufl.edu/
- Harn Museum of Art: http://www.harn.ufl.edu/
- Hippodrome State Theatre: http://www.thehipp.org/
- Curtis M. Phillips Center for the Performing Arts: http://performingarts.ufl.edu/venues/phillips-center/

ANNUAL CULTURAL EVENTS
- Spring Arts Festival: http://springartsfestival.com/
- Downtown Festival & Art Show: http://www.gvlculturalaffairs.org/website/programs_events/DFAS/downtown_art_fest.html
- Hoggetowne Medieval Faire: http://www.gvlculturalaffairs.org/website/programs_events/HMF/medieval_index.html
- Gainesville Improv Festival: http://www.gainesvilleimprov.com/

POINTS OF INTEREST
- Gainesville Raceway: http://www.gainesvilleraceway.com/
- Kanapaha Botanical Gardens: http://www.kanapaha.org/
- Paynes Prairie Preserve State Park: http://www.floridastateparks.org/paynesprairie/
- San Felasco Hammock Preserve State Park: http://www.sanfelasco.net/
- Santa Fe College Teaching Zoo: http://www.sfcollege.edu/zoo/
- Lake Wauburg: http://www.recsports.ufl.edu/lake-wauburg

GATOR ATHLETICS (www.gatorzone.com)
University of Florida students are admitted free to most athletic events with a valid Gator1 card. The only exception is football. Students should log on to Gatorzone.com and click on “Tickets.” This area will provide links for you to order football tickets, register for men’s basketball tickets or order postseason tickets. For all other sporting events, please log on to gatorzone.com for current schedules and then simply present your valid Gator1 ID at the gate.

Free athletic events for students (home games only): • Golf • Softball • Track & Field • Volleyball • Gymnastics • Swimming and Diving • Men’s Basketball • Soccer • Tennis • Women’s Basketball

<table>
<thead>
<tr>
<th>DATE</th>
<th>OPPONENT</th>
<th>SITE</th>
<th>GAME TIME</th>
</tr>
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<tbody>
<tr>
<td>Aug. 30</td>
<td>Idaho</td>
<td>Gainesville, FL</td>
<td>7:00 p.m.</td>
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<td>Sept. 6</td>
<td>Eastern Michigan</td>
<td>Gainesville, FL</td>
<td>4:00 p.m.</td>
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<td>Sept. 13</td>
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<td>Gainesville, FL</td>
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<td>Sept. 20</td>
<td>Alabama</td>
<td>Tuscaloosa, AL</td>
<td>TBA</td>
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<td>Oct. 4</td>
<td>Tennessee</td>
<td>Knoxville, TN</td>
<td>TBA</td>
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<td>Oct. 11</td>
<td>LSU</td>
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<td>TBA</td>
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<td>Jacksonville, FL</td>
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<td>Nov. 8</td>
<td>Vanderbilt</td>
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<td>Nov. 15</td>
<td>South Carolina</td>
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<td>Nov. 22</td>
<td>Eastern Kentucky</td>
<td>Gainesville, FL</td>
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<td>Nov. 29</td>
<td>Florida State</td>
<td>Tallahassee, FL</td>
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</table>
The mission of the Graduate Student Advisory Council (GSAC) is to support the academic needs and professional development of graduate students in the College of Health and Human Performance (HHP). GSAC is comprised of representatives from each of the departments in HHP. **GSAC depends on student feedback in order to meet its mission.** GSAC welcomes HHP graduate students to become active members, to attend any of our GSAC meetings, and/or share feedback with GSAC representatives. Please feel free to contact any of the GSAC members (see contact information below) if you have any questions, comments, or input.

**GSAC INITIATIVES**

GSAC has recently undertaken the following initiatives to enhance the experiences of graduate students in HHP:

- GSAC collects and aggregates critical information and links to funding opportunities available for graduate students in HHP. This information includes opportunities for research efforts and travel expenses to attend research conferences.
- GSAC hosts professional development series throughout the year on a variety of topics related to academic and professional development. Each of the seminars involves faculty members from all HHP departments, who discuss topics related to academics, research, and/or professional development in higher education. Food and refreshments are provided for all attendees of the seminars. The following is a list of previous topics:
  - From One Graduate Student to Another: Tips for Academic, Professional, and Personal Success
  - Funding Scientific Research: Show Me the Money
  - Attending National Conferences: Tips on Presenting and Networking
  - The Three Publishable Paper Dissertation Option
  - You’re Hired!: Obtaining Employment in Higher Education
- GSAC provides representation from all three departments at monthly Graduate Student Council meetings. Representation is required to be awarded GSC sponsored grants (i.e. Travel Grants and Mopp grants). Graduate students will not be awarded GSC funds if their respective department is not represented at monthly GSC meetings.
- GSAC networks with HHP undergraduate student council on several joint initiatives including:
  - Involving undergraduates in the research process
  - Representation at BOCC meetings

**GSAC REPRESENTATIVES**

Please contact any of the following GSAC members if you wish to get involved with GSAC, have questions, comments or suggestions for GSAC.

<table>
<thead>
<tr>
<th>Applied Physiology &amp; Kinesiology:</th>
<th>Health Education &amp; Behavior:</th>
<th>Tourism, Recreation &amp; Sport Management:</th>
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</thead>
<tbody>
<tr>
<td>Josh Crow</td>
<td>Mona Sayedul Huq</td>
<td>Bingjie “Becky” Liu</td>
</tr>
<tr>
<td><a href="mailto:jacrow@ufl.edu">jacrow@ufl.edu</a></td>
<td>monahuq.ufl.edu</td>
<td><a href="mailto:icebecky@ufl.edu">icebecky@ufl.edu</a></td>
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