

## Current Areas of Research

Exercise Oncology · Body Composition · Cardiovascular Health · Diabetes · Exercise Endocrinology · Exercise Immunology · Human/Athletic Performance · Obesity · Occupational Health · Stress Physiology · Sports Nutrition

## Laboratory Experiences



THE UNIVERSITY  
of NORTH CAROLINA  
at CHAPEL HILL

**Claudio Battaglini, Ph.D., FACSM, Full Professor** in EXSS, Coordinator-Exercise Physiology Graduate Specialization, Co-Director-Exercise Oncology Research Lab, Director of the Get Real and Heel After Care Breast Cancer Research Program. **Research Interests:** Exercise oncology; sports performance (triathlon, marathon, and swimming training methods), and math modeling for the prediction of physiological responses during acute and chronic exercise.

**A.C. Hackney, Ph.D., D.Sc., FACSM, FNAK, Full Professor** in EXSS, Nutrition, & Allied Health Sciences. **Research Interests:** Exercise endocrinology & biochemistry; stress physiology.

**Erik Hanson, Ph.D., CSCS, Assistant Professor and Kulynych/Story Fellow** in EXSS. **Research Interests:** Exercise oncology, immunology, and muscle physiology.

**Kristin Ondrak, Ph.D., ACSM RCEP, Adjunct Lecturer** in EXSS. **Research Interests:** Pediatric obesity, diabetes and physical activity

**Eric D. Ryan, Ph.D., CSCS\*D, Associate Professor and Stallings Fellow** in EXSS. **Research Interests:** The influence of aging and occupational demands on neuromuscular function; efficacy of nutritional supplementation and training on human performance.

**Abbie E. Smith-Ryan, Ph.D. CSCS\*D, CISSN, Associate Professor** in EXSS. **Research Interests:** Exercise and nutrition interventions to modify various aspects of body composition, cardiovascular health, and metabolic function in athletes and clinical populations.

**Lee Stoner, Ph.D., FRSPH, SFHEA, Assistant Professor** in EXSS. **Research Interests:** Cardiometabolic health, lifestyle, pediatrics

Check out our website

[http://www.unc.edu/depts/exercise/exercise\\_physiology/index.htm](http://www.unc.edu/depts/exercise/exercise_physiology/index.htm)

# Department of Exercise & Sport Science

· Exercise Physiology ·



## Mission

*The mission of the Department of EXSS is to discover, create and promote knowledge of human movement to improve the quality of life of individuals and society.*



Get Connected!  
Official blog of EXSS:  
<https://uncexss.wordpress.com>

# Masters of Arts

## • Exercise Physiology •

### Admission Requirements

- Bachelor's degree from an accredited institution and **completed** pre-requisite course work in statistics & research design, human anatomy, human physiology, exercise physiology (with labs), plus two courses in the biological or health sciences related to the specialization.
- Completion of a course in stats / research.
- **Recommended GRE Scores:** Cumulative GPA  $\geq$  3.0 (our average is 3.54); GRE Scores  $\geq$  50th percentile; Writing Score  $\geq$  4.0 . It is suggested to take the GRE no later than October for consideration for the following Fall admission review process.

### Course of Study

- **Minimum of 30 hours of coursework.** This includes 24 hours of required courses plus 6 hours of electives. This does not include any prerequisites deemed necessary by the admissions committee.
- Entry prerequisites must be completed prior to the first Fall semester and may be taken at UNC or elsewhere. It is strongly recommended prerequisites be completed by May.
- **Written Comprehensive Examination.** Taken after the first year of completed course work, usually early Fall of the 2nd year.
- **Research-Driven Thesis.** Master thesis topics are determined by the student's interests, faculty expertise, and available resources

### Graduate Assistantships

Graduate assistantship stipends are normally available for 3 or 4 semesters. The awards usually include tuition remission, health insurance, and a subsistence stipend. Please visit our website listed above for current details.



### Informal Campus Visits

Prospective candidates are welcome to visit the campus and tour the Fetzer Hall facilities at their convenience throughout the year, however, faculty/staff may not be available to answer questions or provide guided tours. Prospective students must contact faculty to determine if a meeting is feasible. Please note informal visits do not substitute for the formal interview process.



### Laboratories

- Applied Physiology Laboratory
- Exercise Oncology Laboratory
- Exercise Science Teaching Laboratory
  - Human Performance Center
- Neuromuscular Research Laboratory
  - Cardiometabolic Laboratory

