

LISA MICHELLE FERGUSON

The Human Performance Laboratory
Department of Kinesiology and Health Education
The University of Texas at Austin
820 Belmont Hall, D3700
Austin, TX 78712
longhornlisa@mail.utexas.edu

EDUCATION:

THE GEORGE WASHINGTON UNIVERSITY – Washington, DC

M.S., Exercise Science (GPA: 3.98), May 2006

Specialization: Exercise, Nutrition and Eating Behavior

Thesis: Effects of Caloric Restriction and Overnight Fasting on Cycling Endurance Performance

Honors: School of Public Health and Health Services Distinguished Scholar for the Graduate Exercise Science Program (Spring 2006); Excellence in Research Project, Exercise Science Program (Spring 2006); Dean's Honors (graduate program)

NORTH CAROLINA STATE UNIVERSITY – Raleigh, NC

B. A., English (GPA: 3.8) *Summa Cum Laude*, May 1997

Honors: Phi Beta Kappa National Honor Society; Dean's List (all semesters)

PROFESSIONAL AFFILIATIONS:

Phi Beta Kappa, 1998 – present

Squadra Coppi / IM Saab road cycling racing team, 2003 – present

(Team Rookie of the Year – 2003; Giro di Coppi Race Co-Director – 2004)

American College of Sports Medicine (ACSM), 2004 – present

DARPA/DSO Journal Club, 2005 – 2006

TEACHING ASSISTANTSHIPS:

Physiology of Exercise, Teaching Assistant, Department of Kinesiology and Health Education (Fall 2006 – Spring 2007)

RESEARCH INTERESTS:

Physiological adaptations to exercise training (substrate utilization, metabolic and hormonal adaptations, mitochondrial density and function); relationship between dietary composition, training and athletic performance; caffeine and ergogenic aids; effects of caloric restriction on exercise performance, substrate utilization, and key metabolic markers; novel strategies for the stimulation of mitochondrial biogenesis; exercise immunology (relationship between the inflammatory response to prolonged exercise, dietary composition/nutraceutical supplementation, and performance)

PROFESSIONAL EXPERIENCE:

STRATEGIC ANALYSIS INC. – Arlington, VA

Staff Scientist / Technical Consultant to DARPA (The Defense Advanced Research Projects Agency)

2004 – 2006

Provided technical consulting in exercise physiology for the DARPA Peak Soldier Performance (PSP) program as well as other physiology / biology-based DARPA efforts; reviewed technical proposals and progress reports; performed literature reviews; attended conferences and symposiums; reviewed research budgets; tracked program milestones; managed program budgets; served as primary interface with principal investigators.