

CURRICULUM VITA

Michael L. Rossetti, M.S.

Florida State University
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EDUCATION and TRAINING

- 2017-Present *Ph.D., Exercise Physiology*
Florida State University
Department of Food, Nutrition, and Exercise Sciences
Mentor: Bradley S. Gordon, Ph.D.
- 2016-2017 *Ph.D., Exercise Science*
University of Central Florida
Department of Education and Human Sciences
Mentor: Bradley S. Gordon, Ph.D.
- 2013-2014 *M.S., Exercise Science*
East Stroudsburg University of Pennsylvania
Department of Exercise Science
- 2007-2011 *B.S., Exercise Science*
Bloomsburg University of Pennsylvania
Department of Exercise Science
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PROFESSIONAL EXPERIENCE

- 2017-Present *Graduate Research Assistant*
Florida State University
Department of Food, Nutrition, and Exercise Sciences
Tallahassee, Florida

2016-2017 **Graduate Assistant**
University of Central Florida
Department of Sport and Exercise Science
Orlando, Florida

2014-2016 **Instructor**
East Stroudsburg University of Pennsylvania
Department of Exercise Science
East Stroudsburg, Pennsylvania

Summer 2014 **Strength and Conditioning Intern (Football)**
University of Tennessee
Knoxville, Tennessee

2013-2014 **Graduate Assistant**
East Stroudsburg University of Pennsylvania
Department of Exercise Science
East Stroudsburg, Pennsylvania

2013-2014 **Assistant Baseball Coach**
East Stroudsburg University of Pennsylvania
East Stroudsburg, Pennsylvania

2012-2013 **Teacher's Aide (Paraprofessional)**
Phillipsburg Middle School
Phillipsburg School District
Phillipsburg, New Jersey

Spring 2012 **Assistant Baseball Coach**
Northampton Community College
Bethlehem, Pennsylvania

Fall 2011 **Strength and Conditioning Intern (Olympic Sports)**
University of North Carolina at Chapel Hill
Chapel Hill, North Carolina

REFEREED PUBLICATIONS

1. Gordon BS, Steiner JL, **Rossetti ML**, Govinadarjan SS, Eroshkin AM, Williamson DL, Coen PM. REDD1 induction regulates the skeletal muscle gene expression signature following acute aerobic exercise. *American Journal of Physiology-Endocrinology and Metabolism*. (2017) Sep 12; 313: E737-E747.

2. **Rossetti ML**, Munford SN, Snyder BW, Davis SE, Moir GL. The effects of multiple sets of squats and jump squats on mechanical variables and energy expenditure. *Journal of Strength and Conditioning Research*. In Press.
 3. **Rossetti ML**, Gordon BS. The role of androgens in the regulation of muscle oxidative capacity following aerobic exercise training. *Applied Physiology, Nutrition, and Metabolism*. (2017) June 1: 1-7.
 4. **Rossetti ML**, Steiner JL, Gordon BS. Androgen-mediated regulation of skeletal muscle protein balance. *Molecular and Cellular Endocrinology*. (2017) May 15; 447: 35-44.
 5. Steiner JL, Fukuda DH, **Rossetti ML**, Hoffman JR, Gordon BS. Castration alters protein balance following high frequency muscle contractions. *Journal of Applied Physiology*. (2017) Feb 1; 122(2): 264-272.
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ARTICLES IN PREPARATION or REVIEW

1. **Rossetti ML**, Steiner JL, Gordon BS. Linking mitochondrial turnover and cellular stress with autophagy activation in atrophied skeletal muscle following androgen depletion. Under Review.
 2. **Rossetti ML**, Fukuda DH, Gordon BS. Investigating the role of rapamycin-sensitive mTORC1 in the androgen-mediated regulation of skeletal muscle growth.
 3. Moir GL, **Rossetti ML**, Munford SN, Snyder BW, Davis SE. Greater mechanical efficiency during ballistic squat jumps compared to non-ballistic squats.
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NATIONAL and INTERNATIONAL REFEREED PROFESSIONAL CONFERENCES

Munford SN, **Rossetti ML**, Moir GL, Snyder BW, Davis SE. “The effects of squats and jump squats on mechanical work and energy expenditure.” American College of Sports Medicine Annual Meeting, Denver, CO, June, 2017.

Rossetti ML, Gordon BS. “The role of androgens in the aerobic exercise-induced adaptation to skeletal muscle oxidative capacity.” Experimental Biology Meeting, Chicago, IL, April, 2017.

Gordon BS, Steiner JL, Williamson DL, Coen PM, **Rossetti ML**, Govindarajan SS, Eroshkin AM. “Regulated in development DNA damage 1 (REDD1) alters the expression of a distinct set of genes in skeletal muscle by activity/inactivity.” Experimental Biology Meeting, Chicago, IL, April, 2017.

Steiner JL, **Rossetti ML**, Gordon BS. “Androgens alter mitophagy in the refed metabolic state.” Experimental Biology Meeting, Chicago, IL, April, 2017.

Rossetti ML, Gordon BS. “The role of androgens in the aerobic exercise-induced adaptation to skeletal muscle oxidative capacity.” Advances in Skeletal Muscle Biology in Health and Disease, Gainesville, FL, March, 2017.

Rossetti ML, Miltenberger MR, Hartey J, Davis SE, Witmer CA, Sauers EJ. “A retrospective analysis of exposure to injury risk factors while playing youth baseball in current collegiate players.” American College of Sports Medicine Annual Meeting, Boston, MA, June, 2016.

LOCAL and REGIONAL REFEREED PROFESSIONAL CONFERENCES

Munford SN, **Rossetti ML**, Moir GL, Snyder BW, Davis SE. “The effects of multiple sets of squats and jump squats on mechanical work and energy expenditure.” Mid-Atlantic American College of Sports Medicine, Harrisburg, PA, October, 2016.

Snyder BW, **Rossetti ML**, Moir GL, Munford SN, Davis SE. “The effects of multiple sets of squats and jump squats on mechanical variables.” Mid-Atlantic American College of Sports Medicine, Harrisburg, PA, October 2016.

TEACHING EXPERIENCE

Undergraduate

UNIVERSITY OF CENTRAL FLORIDA

2017 *Personal Training Methods PET 4083*

2017 *Personal Fitness PEM 2104*

EAST STROUDSBURG UNIVERSITY OF PENNSYLVANIA

2014-2016 *Certified Strength and Conditioning Specialist Workshop EXSC 456*

2014-2016 *Anaerobic Training Workshop EXSC 454*

2016 *Aerobic Fitness Workshop EXSC 451*

2014-2016 *Power Training of Sport EXSC 342*

2015-2016 *Exercise Physiology II Laboratory EXSC 311*

2014-2016 *Exercise Physiology I Laboratory EXSC 310*

2014 *Kinesiology-Applied Anatomy Laboratory EXSC 202*

2014-2016 *Strength Training EXSC 122*

LABORATORY SKILLS

Human Measures

- VO2 Max Testing
- Wingate-30 Test
- Blood Analysis (Glucose, Cholesterol, Triglycerides, Lactate) via Lancet
- Blood Pressure
- Urine Specific Gravity
- Bod Pod/BIA
- Hydrostatic Weighing
- Skinfold
- Waist/Hip Circumference
- Polar Heart Rate Monitors

Basic Science Laboratory Techniques

- Protein Isolation and Quantification
- Western Blotting
- General Rodent Handling
- Rodent Aerobic Treadmill Exercise Training
- RNA Isolation, Quantification, and cDNA Synthesis
- RT-PCR