

CURRICULUM VITA

BRADLEY S. GORDON, Ph.D.

Assistant Professor
Florida State University
Dept. of Nutrition, Food and Exercise Sciences
College of Human Sciences
107 Chieftan Way / Room 208
Telephone: (570) 350-4841
E-mail: bsgordon@fsu.edu

EDUCATION and TRAINING

- 2012-2015 *Post-Doctoral Scholar (Cell and Molecular Physiology)*
Pennsylvania State University College of Medicine
Department of Cellular and Molecular Physiology
Mentors: Drs. Leonard S. Jefferson and Scot R. Kimball
- 2008-2012 *Ph.D., Exercise Science (Applied Physiology)*
University of South Carolina
Department of Exercise Science
Mentor: Dr. Matthew C. Kostek
- 2005-2006 *M.S., Exercise Science*
East Stroudsburg University of Pennsylvania
Department of Exercise Science
Mentor: Dr. Gavin Moir
- 2000-2004 *B.A., Political Science/Athletic Coaching*
Millersville University of Pennsylvania
Department of Government and Political Affairs
-

ACADEMIC POSITIONS

- 2017-Present *Assistant Professor*
Department of Food, Nutrition, and Exercise Science
College of Human Sciences
The Florida State University, Tallahassee, FL
- 2015-2017 *Assistant Professor*
Department of Sport and Exercise Science
College of Education and Human Performance
The University of Central Florida, Orlando, FL

- 2008 *Instructor*
East Stroudsburg University of Pennsylvania
Department of Exercise Science
East Stroudsburg, Pennsylvania
- 2007 *Adjunct Faculty*
Lehigh Carbon Community College
Wellness Department
Schnecksville, Pennsylvania
-

PROFESSIONAL EXPERIENCE

- 2008-2012 *Research Assistant*
University of South Carolina
Department of Exercise Science
Columbia, South Carolina
- 2008-2012 *Teaching Assistant*
University of South Carolina
Department of Exercise Science
Columbia, South Carolina
- 2006-2007 *Sports Performance Coach,*
Velocity Sports Performance
Allentown, Pennsylvania
- 2005-2006 *Graduate Assistant*
East Stroudsburg University of Pennsylvania
Intramural and Recreation Department
East Stroudsburg, Pennsylvania
-

HONORS, AWARDS, AND RECOGNITION

- 2014 **Outstanding Post-Doctoral Presentation:** Advances in Skeletal Muscle Biology in Health and Disease, Gainesville, FL. This award recognized an outstanding presentation by a post-doctoral scholar.
- 2013 **Outstanding Post-Doctoral Presentation:** Data and Dine Post-Doctoral Meeting, Penn State College of Medicine. This award recognized an outstanding presentation by a post-doctoral

scholar.

- 2012 **1st Place Doctoral Presentation:** Graduate Student Day, University of South Carolina. This award recognized an outstanding presentation by a Ph.D. degree seeking graduate student.
- 2012 **Outstanding Doctoral Student Research Award:** Southeast American College of Sports Medicine Meeting, Jacksonville, FL. This award recognized an outstanding presentation by a Ph.D. degree seeking graduate student.
- 2008 **Fellowship for Highly Qualified Incoming Doctoral Students:** University of South Carolina, Columbia, SC. This award recognized outstanding incoming Ph.D. degree seeking graduate students.
- 2006-Present **Certified Strength and Conditioning Specialist (CSCS):** National Strength and Conditioning Association. This certification is the highest certification available by this professional organization.

REFEREED ORIGINAL PUBLICATIONS (Beginning with most recent)

(* denotes co-first author contribution, # denotes senior author)

1. Shimkus KL, Jefferson LS, **Gordon BS**, Kimball SR. Repressors of mTORC1 act to blunt the anabolic response to feeding in the soleus muscle of a cast immobilized mouse hindlimb. *Physiological Reports*. (2018) Oct; 6(2):e13891. <https://physoc.onlinelibrary.wiley.com/doi/full/10.14814/phy2.13891>
2. Rossetti ML, Fukuda DH, **Gordon BS**[#]. Androgens induce growth of limb skeletal muscle in a rapamycin-insensitive manner. *American Journal of Physiology Regulatory Integrative and Comparative Physiology*. (2018) Oct 1; 315(4): R721-R729. <https://www.physiology.org/doi/pdf/10.1152/ajpregu.00029.2018>
3. Rossetti ML, Steiner JL, **Gordon BS**[#]. Increased mitochondrial turnover in the skeletal muscle of fasted, castrated mice is related to the magnitude of autophagy activation and muscle atrophy. *Molecular and Cellular Endocrinology*. (2018) January 29. doi:10.1016/j.mce.2018.01.017. <https://www.sciencedirect.com/science/article/pii/S0303720718300340?via%3Dihub>
4. **Gordon BS**[#], Steiner JL, Rossetti ML, Qiao, S, Ellisen LW, Govindarajan 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) Dec 313(6): E737-E747.
<https://www.physiology.org/doi/pdf/10.1152/ajpendo.00120.2017>
5. 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.
<http://www.nrcresearchpress.com/doi/pdf/10.1139/apnm-2017-0230>
 6. Steiner JL, Rossetti ML, Fukuda DH, Hoffman JR, **Gordon BS**[#]. Castration alters protein balance following high frequency muscle contractions. *Journal of Applied Physiology*. (2017) Feb 1; 122(2): 264-272.
<http://jap.physiology.org/content/122/2/264.long>
 7. Black AJ, **Gordon BS**, Dennis MD, Jefferson LS, Kimball SR. Regulation of protein and mRNA expression of the mTORC1 repressor REDD1 in response to leucine and serum. *Biochemistry and Biophysics Reports*. (2016) Dec; 8: 296-301.
<http://www.sciencedirect.com/science/article/pii/S240558081630214X>
 8. **Gordon BS**[#], Liu C, Steiner JL, Nader GA, Jefferson LS, Kimball SR. Loss of REDD1 augments the rate of overload-induced skeletal muscle hypertrophy. *American Journal of Physiology Regulatory Integrative and Comparative Physiology*. (2016) Sep 1;311(3):R545-57.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=gordon+bs>
 9. Kimball SR*, **Gordon BS***, Moyer JE, Dennis MD, Jefferson LS. Leucine induced dephosphorylation of Sestrin2 promotes mTORC1 activation. *Cell Signal*. (2016) Aug; 28(8):896-906.
<http://www.sciencedirect.com/science/article/pii/S0898656816300626>
 10. Kimball SR, Ravi S, **Gordon BS**, Dennis MD, Jefferson LS. Amino acid-induced activation of mTORC1 in rat liver is attenuated by short-term consumption of a high-fat diet. *J Nutr*. (2015) Nov;145 (11):2496-502.
<http://jn.nutrition.org/content/145/11/2496.long>
 11. Steiner JL, **Gordon BS**, Lang CH. Moderate alcohol consumption does not impair overload-induced muscle hypertrophy and protein synthesis. *Physiol Rep*. (2015) Mar;3(3).
<http://physreports.physiology.org/content/3/3/e12333.long>
 12. **Gordon BS**, Williamson DL, Lang CH, Jefferson LS, Kimball SR. The nutrient-induced stimulation of protein synthesis in mouse skeletal muscle is limited by the mTORC1 repressor REDD1. *J Nutr*. (2015) Apr; 145(4):708-13.
<http://jn.nutrition.org/content/145/4/708.long>

13. **Gordon BS**, Steiner JL, Lang CH, Jefferson LS, Kimball SR. Reduced REDD1 expression contributes to activation of mTORC1 following electrically induced muscle contraction. *American Journal of Physiology Endocrinology and Metabolism*. (2014) 307: E703-E711.
<http://ajpendo.physiology.org/content/307/8/E703.long>
14. Martin TD, Dennis MD, **Gordon BS**, Kimball SR, Jefferson LS. mTORC1 and JNK coordinate phosphorylation of the p70S6K1 autoinhibitory domain in skeletal muscle following functional overloading. *American Journal of Physiology Endocrinology and Metabolism*. (2014) 12: E1397-405.
<http://ajpendo.physiology.org/content/306/12/E1397.long>
15. Kelleher AR, **Gordon BS**, Kimball SR, Jefferson LS. Changes in REDD1, REDD2, and atrogene mRNA expression are prevented in skeletal muscle fixed in a stretched position during hindlimb immobilization. *Physiological Reports*. (2014) 2(2).
<http://physreports.physiology.org/content/2/2/e00246.long>
16. **Gordon BS**, Delgado Díaz, DC, Carson JA, Fayad R, Wilson LB, Kostek MC. Resveratrol improves muscle function but not oxidative capacity in young mdx mice. *Canadian Journal of Physiology and Pharmacology*. (2014) 92(3): 243-51.
<http://www.nrcresearchpress.com/doi/pdf/10.1139/cjpp-2013-0350>
17. **Gordon BS**, Lowe DA, Kostek MC. Exercise increases utrophin protein expression in the mdx mouse model of Duchenne muscular dystrophy. *Muscle Nerve*. (2014) 49(6): 915-8.
<http://www.ncbi.nlm.nih.gov/pubmed/24375286>
18. **Gordon BS**, Kazi AA, Coleman CS, Dennis MD, Chau V, Jefferson LS, Kimball SR. RhoA modulates signaling through the mechanistic target of rapamycin complex 1 (mTORC1) in mammalian cells. *Cellular Signaling*. (2014) 26(3): 461-467.
<http://www.sciencedirect.com/science/article/pii/S0898656813003665>
19. **Gordon BS**, Delgado Diaz DC, Kostek MC. Resveratrol decreases inflammation and increases utrophin gene expression in the mdx mouse model of Duchenne muscular dystrophy. *Clinical Nutrition*. (2013) 32(1): 104-11.
<http://www.sciencedirect.com/science/article/pii/S0261561412001264>
20. **Gordon BS**, Delgado Diaz DC, White JP, Carson JA, Kostek MC. Six1 and Six1 cofactor expression is altered during early skeletal muscle hypertrophy. *Journal of Physiological Sciences*. (2012) 62(5): 393-401.
<http://link.springer.com/article/10.1007%2Fs12576-012-0214-y>

21. Kostek MC, Nagaraju K, Pistilli T, Sali A, Lai SH, **Gordon B**, Kishimoto T, Chen YW. IL-6 signaling blockade increases inflammation but does not improve muscle function in the mdx mouse. *BMC Musculoskeletal Disorders*. (2012) 13(106).
<http://www.ncbi.nlm.nih.gov/pubmed/22716658>
 22. Delgado Díaz DC, **Gordon BS**, Dompier T, Burgess S, Dumke CG, Mazoué CG, Caldwell T, Kostek MC. Therapeutic ultrasound affects IGF-I Splice variant expression in human skeletal muscle. *American Journal of Sports Medicine*. (2011) 39(10): 2233-41.
<http://ajs.sagepub.com/content/39/10/2233.long>
 23. **Gordon BS**, Moir GL, Davis S, Witmer C, Cummings D. An investigation into the relationship of strength, power, and flexibility to club head speed in male golfers. *Journal of Strength and Conditioning Research*. (2009) 23(5): 1606-10.
<http://www.ncbi.nlm.nih.gov/pubmed/19620901>
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REFEREED REVIEW ARTICLES (*) and INVITED EDITORIALS (\$)

(* denotes co-first author contribution, # denotes senior author)

1. (*) Kostek MC, **Gordon B**. Exercise is an adjuvant to contemporary dystrophy treatments. *Exercise Sport Science Reviews*, (2018) Jan: 46(1): 34-41.
<https://www.ncbi.nlm.nih.gov/pubmed/28857889>
2. (*) Rossetti ML, Steiner JL, **Gordon BS**[#]. Androgen-mediated regulation of skeletal muscle protein balance. *Molecular and Cellular Endocrinology*. (2017) May 15; 447: 35-44.
<http://www.sciencedirect.com/science/article/pii/S0303720717301442>
3. (\$) **Gordon BS**. A novel and complex mechanism regulating PGC-1 α expression. *Acta Physiologica*. (2016) Dec 26.
<http://onlinelibrary.wiley.com/doi/10.1111/apha.12846/epdf>
4. (*) **Gordon BS**^{#,*}, Steiner JL*, Williamson DL, Lang CH, Kimball SR. Emerging role for Regulated in Development and DNA Damage 1 (REDD1) in the regulation of skeletal muscle metabolism. *American Journal of Physiology Endocrinology and Metabolism*. (2016) Jul 1; 311(1): E157-74.
<http://ajpendo.physiology.org/content/ajpendo/311/1/E157.full.pdf>
5. (*) **Gordon BS**^{*}, Kelleher AR*, Kimball SR. Regulation of muscle protein synthesis and the effects of catabolic states. *International Journal of Biochemistry and Cell Biology*. (2013) 45(10): 2147-57.
<http://www.sciencedirect.com/science/article/pii/S1357272513001878>

FUNDED GRANTS

Florida State University Institute for Successful Longevity (2018) Gordon (PI)
The goal of this project is to characterize changes in the skeletal muscle circadian rhythm following androgen depletion
Role: PI
Award: \$15,500

First Year Assistant Professor Award
05/2018-08/2018
The goal of this project is to provide summer salary support for first year assistant professors.
Role: PI
Award: \$19,996

University of Central Florida College of Medicine 2017 Internal Award
03/2017-12/2017
The goal of this project is to characterize a new model of pancreatic cancer for a larger grant submission
Role: Co-I (PI: Dr. Deborah Altomare)
Award: \$15,000

University of Central Florida Office of Research and Commercialization
05/2016-05/2017
The goal of this project is to determine whether androgens alter muscle oxidative capacity following aerobic exercise training.
Role: PI
Award: \$7,500

University of Central Florida Tech Fee Grant
02/2016
The goal of this project was to increase the student's understanding of muscle physiology
Role: PI

University of Central Florida Tech Fee Grant
02/2016
The goal of this project was to increase the student's understanding of the measurement of genetic material.
Role: PI

National Ladies Auxiliary to the VFW Post Doctoral Fellowship
06/01/15-06/01/17
Salary support for two year research fellowship in cancer cachexia.

The goal of this project was to increase our understanding of the factors that inhibit rates of protein synthesis in skeletal muscle during cancer-induced cachexia.

Role: PI

Declined fellowship due to acceptance of faculty position at the University of Central Florida

SUBMITTED GRANTS

Florida Department of Health (2018)

Gordon (PI)

The goal of this project is to understand the factors that contribute to atrophy of the limb muscles under androgen deprived conditions

Role: PI

(SUBMITTED)

National Institutes of Health R15 (2018)

Gordon (PI)

The goal of this project is to understand the factors that contribute to muscle growth and muscle atrophy

Role: PI

(SUBMITTED)

National Institutes of Health R01 (2018)

Gordon (PI)

The goal of this project is to understand the factors that contribute to atrophy of the limb muscles under androgen deprived conditions

Role: PI

(SUBMITTED)

Department of Defense PRMRP Clinical Trial Award

Gordon (Co-I)

The goal of this project is to understand how intense physical activity regulates iron absorption, and whether this is related to changes in performance and muscle metabolism

Role: Co-I

(SUBMITTED)

National Institutes of Health R15 (2018)

Gordon (PI)

The goal of this project is to understand the contribution of the muscle circadian rhythm to changes in muscle mass following androgen deprivation

Role: PI

(NOT FUNDED)

National Institutes of Health R15 (2018)

Gordon (PI)

The goal of this project is to understand the role of the Alpha Arrestin Proteins in the regulation of skeletal muscle growth/atrophy

Role: PI

(NOT FUNDED)

National Institutes of Health R15 (2017)

Gordon (PI)

The goal of this project is to understand how hypogonadism regulates muscle protein metabolism and muscle mass

Role: PI
(NOT FUNDED)

James Esther King Biomedical Research Program (2107) Gordon (PI)

The goal of this project is to understand how hypogonadism regulates muscle protein metabolism and muscle mass

Role: PI
(NOT FUNDED)

National Institutes of Health RO1 (2016) Gordon (PI)

The goal of this project is to understand how hypogonadism alters muscle metabolism.

Role: PI
(NOT FUNDED)

James Esther King Biomedical Research Program (2016) Gordon (PI)

The goal of this project is to understand how hypogonadism alters muscle metabolism.

Role: PI
(NOT FUNDED)

Bankhead Coley Cancer Research Program (2016) Gordon (PI)

The goal of this project is to understand the factors that contribute to anabolic resistance during cancer.

Role: PI
(NOT FUNDED)

National Institutes of Health RO1 (2016) Gordon (Co-I)

The goal of this project is to understand the factors that elicit skeletal muscle anabolic resistance with obesity.

Role: Co-I (PI: David L. Williamson, The University at Buffalo)
(SCORED: Resubmission Pending)

National Strength and Conditioning Association Grant (2016) Gordon (PI)

The goal of this project is to increase our understanding of the role of testosterone to the anabolic response following muscle contractions

Role: PI
(NOT FUNDED)

American College of Sports Medicine Foundation Grant (2016) Gordon (PI)

The goal of this project is to increase our understanding of the role of testosterone to the anabolic response following muscle contractions

Role: PI
(NOT FUNDED)

National Institutes of Health R15 AREA Grant (2015) Gordon (PI)

The goal of this project was to increase our understanding of the factors that contribute to the adaptation of skeletal muscle with exercise

Role: PI
(NOT FUNDED)

MENTORING

Thesis/Dissertation Committee Membership

2017-Present Michael L. Rossetti: Ph.D., FSU (Chair)

Honors/Undergraduate Thesis Committee Membership

2016-2017 Nicole Chudy: UCF Honors College (Committee Member)

INVITED PROFESSIONAL PRESENTATIONS

“Emerging mechanisms of muscle wasting and anabolic resistance.” American College of Sports Medicine Annual Meeting. Minneapolis, MN, June 2018.

“Role of REDD1 in the Regulation of Skeletal Muscle Gene Expression.” Experimental Biology. San Diego, CA, April 2018.

“Castration alters protein balance following high frequency muscle contractions.” Advances in Skeletal Muscle Biology in Health and Disease Conference. Gainesville, FL, March 2017.

NATIONAL and INTERNATIONAL REFEREED PROFESSIONAL PRESENTATIONS

Rossetti ML, Fukuda DH, **Gordon BS**. Androgens induce growth of adult skeletal muscle in a rapamycin-insensitive manner.” Experimental Biology, San Diego, CA, April 2018.

Gordon BS, Steiner JL, Rossetti ML, Govindarajan SS, Eroshkin AM, Williamson DL, Coen PM. “REDD1 induction regulates the skeletal muscle gene expression signature following acute aerobic exercise. Experimental Biology, Chicago, IL, April 2017.

Rossetti ML, **Gordon BS**. “The role of androgens in the regulation of muscle oxidative capacity following aerobic exercise training.” Experimental Biology, Chicago, IL, April 2017.

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

Gordon BS, Nader GA, Steiner JL, Liu C, Jefferson LS, Kimball SR. “REDD1 alters the rate of muscle hypertrophy following functional overload. Experimental Biology, San Diego, CA, April, 2016.

Gordon BS, Nader GA, Steiner JL, Liu C, Jefferson LS, Kimball SR. “REDD1 alters the rate of muscle hypertrophy following functional overload. Advances in Skeletal Muscle Biology in Health and Disease, Gainesville, FL, January, 2016.

Gordon BS, Williamson DL, Jefferson LS, Kimball SR. “Nutrient-induced stimulation of protein synthesis in skeletal muscle is limited by the mTORC1 repressor REDD1. Experimental Biology Meeting, Boston, MA, March 2015

Gordon BS, Steiner JL, Lang CH, Jefferson LS, Kimball SR. “Role of REDD1 on mTORC1 signaling following eccentric contractions.” Experimental Biology Meeting, San Diego, CA, April 2014.

Gordon BS, Steiner JL, Lang CH, Jefferson LS, Kimball SR. “Putative role of REDD1 on mTORC1 signaling following eccentric contractions.” Advances in Skeletal Muscle Biology in Health and Disease, Gainesville, FL, March, 2014.

Gordon BS, Kazi AA, Coleman CS, Chau V, Jefferson LS, Kimball SR. “RhoA modulates signaling through the mechanistic target of rapamycin complex 1 (mTORC1) in mammalian cells.” Experimental Biology Meeting, Boston, MA, April 20-24, 2013.

Gordon BS, Delgado Diaz DC, Kostek MC. “Resveratrol Improves Muscle Function but not oxidative capacity in the mdx Mouse Model of Duchenne Muscular Dystrophy.” American College of Sports Medicine Annual Meeting, San Francisco, CA, May 29-June 2, 2012.

Gordon BS, Delgado Diaz DC, Kostek MC. “Resveratrol Improves Muscle Function in the mdx Mouse Model of Duchenne Muscular Dystrophy.” Experimental Biology, San Diego, CA, April 21-25, 2012.

Gordon BS, Delgado-Diaz DC, Kostek MC. “Resveratrol affects muscle function in mdx mice.” American College of Sports Medicine Annual Meeting, Denver, CO, May 31-June 4, 2011.

Gordon BS, Delgado-Diaz DC, Kostek MC. “Resveratrol affects inflammation in mdx mice.” Experimental Biology, Washington DC, April 9-13, 2011.

Gordon BS, Delgado-Diaz DC, Kostek MC. “Six1 Expression Affects Myotube Formation in C2C12 Cell Culture.” American College of Sports Medicine Annual Meeting, Baltimore, MD, June 1-4, 2010 (Thematic Poster Presentation).

Gordon BS, Delgado-Diaz DC, Kostek MC. “Six1 Expression Affects Myotube Formation in C2C12 Cell Culture.” International Biochemistry of Exercise Conference. University of Guelph, June 1-4, 2009.

Delgado-Diaz, DC, **Gordon BS**, Carson JA, Kostek MC. “Six1 is Decreased in Overload-induced Muscle Hypertrophy.” International Biochemistry of Exercise Conference. University of Guelph, June 1-4, 2009.

LOCAL AND REGIONAL REFEREED PROFESSIONAL CONFERENCES

Gordon BS, Williamson DL, Jefferson LS, Kimball SR. “Nutrient-induced stimulation of protein synthesis in skeletal muscle is limited by the mTORC1 repressor REDD1.” Data and Dine Post Doctoral Meeting, Hershey, PA, February 2014.

Gordon BS, Steiner JL, Lang CH, Jefferson LS, Gordon BS. “Putative role of REDD1 on mTORC1 signaling following eccentric contractions.” Data and Dine Post Doctoral Meeting, Hershey, PA, February 2014.

Gordon BS, Kazi AA, Coleman CS, Chau V, Jefferson LS, Kimball SR. “Novel regulation of mTORC1 signaling by Rho GTPases” Data and Dine Post Doctoral Meeting, Hershey, PA, February, 2013.

Gordon BS, Lowe DA, Kostek MC. “Exercise increases utrophin protein expression in the mdx mouse model of Duchenne muscular dystrophy.” Mid Atlantic American College of Sport Medicine, Harrisburg, PA, November 2012

Gordon BS, Delgado-Diaz DC, Kostek MC. “Resveratrol improves muscle function and reduces muscle pathology in the mdx mouse model of Duchenne muscular dystrophy.” University of South Carolina Graduate Student Day, April 2012.

Gordon BS, Delgado Diaz DC, Kostek MC. “Resveratrol improves muscle function in the mdx mouse model of Duchenne muscular mdystrophy.” Southeast American College of Sports Medicine, Jacksonville, FL, Feb 9-11, 2012.

Collins BC, **Gordon BS**, Kostek MC. “Fast to slow: muscle fiber type transformation in response to altered Six1 gene expression.” Southeast American College of Sports Medicine, Jacksonville, FL, Feb 9-11, 2012.

MH Sundman, EE Hall, RA Gardner, WR Bixby, PC Miller, SE Folger, MC Kostek, **BS Gordon** & KP Barnes. “Catechol-o-methyltransferase genotype influences cognitive performance and concussion history in college football players.” Southeast American College of Sports Medicine, Jacksonville, FL, Feb 9-11, 2012.

Gordon BS, Delgado-Diaz DC, Kostek MC. “Resveratrol’s effect on inflammation associated with muscle degeneration/regeneration: a dosage trial.” Southeast American College of Sports Medicine, Greenville, SC, Feb 3-5, 2011.

Delgado-Diaz DC, **Gordon BS**, Kostek MC. “Therapeutic ultrasound affects IGF-1 splice variant expression in human skeletal muscle.” Southeast American College of Sports Medicine, Greenville, SC, Feb 3-5, 2011.

Gordon BS, Delgado-Diaz DC, Kostek MC. “Six1 expression affects myotube formation in C2C12 cell culture.” Southeast American College of Sports Medicine. Greenville, SC, Feb. 12, 2010.

Delgado-Diaz DC, **Gordon BS**, Carson JA, Kostek MC. “Six1 is decreased in overload-induced muscle hypertrophy.” Southeast American College of Sports Medicine. Greenville, SC, Feb. 12, 2010.

Gordon BS, Moir G, Davis S, Witmer C, Cummings D. “The relationship of strength, power, and flexibility to club head speed in male golfers,” Mid Atlantic American College of Sports Medicine, November 2006.

TEACHING EXPERIENCE

Graduate

FLORIDA STATE UNIVERSITY

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| 2018 | <i>DIS</i>
Supervised Research |
| 2017 | <i>Human Physiology: Respiratory Physiology</i>
An advanced course designed to provide Ph.D. students with a thorough understanding of basic human physiology |
| 2018 | <i>Seminar Series</i>
Provide the department and graduate students the opportunity to learn about research being conducted in other laboratories at FSU and other institutions |

UNIVERSITY OF CENTRAL FLORIDA

- 2016 ***Exercise Biochemical Laboratory Techniques APK 7139***
An advanced course designed to introduce and provide practical experience in various molecular laboratory techniques. Class size of 6.
- 2016 ***Exercise Endocrinology PET 7387***
An advanced course designed to increase the knowledge of the endocrine systems control of physiology. Class size of 45
- 2016-2017 ***Physiology of Neuromuscular Mechanisms PET 6381***
An advanced course designed to increase the knowledge of the neuromuscular system and how it adapts to various physiological stimuli. Class size of 45
- 2015-2016 ***Advanced Cardiovascular Exercise Physiology PET 6388***
An advanced course designed to increase the knowledge of how the cardiovascular system functions with emphasis during exercise. Class size of 45

UNIVERSITY OF SOUTH CAROLINA

- 2010 & 2011 ***Cardio/Pulmonary Testing/Programming EXSC 784***
Instruct laboratories on topics related to fitness testing, heart rate, blood pressure, ECG preparation, maximal and sub maximal exercise testing. Class size of 20 students.

Undergraduate

FLORIDA STATE UNIVERSITY

- 2018 ***Applied Exercise Physiology APK 3110***
Understand the acute and chronic physiological responses and adaptations that occur to changes in physical activity

UNIVERSITY OF CENTRAL FLORIDA

- 2015-2017 ***Physiology of Exercise APK4110***
Understand the acute and chronic physiological responses and adaptations that occur to changes in physical activity. Class size of 45-160.

UNIVERSITY OF SOUTH CAROLINA

- 2008-2012 ***Anatomy & Physiology, EXSC 223 & 224***
-Laboratory coordinator and instructor.
-Prepare and compose laboratory activities and exams.
-Coordinate 3-10 teaching assistants. Class size of 15-20 students.
- 2009-2012 ***Anatomy & Physiology, EXSC 224***
-Lecturer: *Blood*. Class of 150+ students.
- 2012 ***Exercise Physiology, EXSC 530***
-Lab coordinator.
-Prepare and compose laboratory activities and exams.
-Coordinate 4 TA's.
- 2011 ***Physical Activity and Health, EXSC 191***
-Co-taught lectures on health related topics. Class of 100+ students.
- 2011 ***Anatomy & Physiology, EXSC 223***
-Lecturer: *Bioenergetics*. Class of 60+ students.
- 2010 ***Exercise Physiology, EXSC 530***
-Lecturer: *Ergogenic Aids and Performance*. Class of 150+students.

EAST STROUDSBURG UNIVERSITY OF PA

- 2008 ***Mechanical Analysis Laboratory, EXSC 203***
-Laboratory instructor. Class of 15 students.
- 2008 ***Strength Training, EXSC 122***
-Introduce and practice various strength training topics. Class of 20 students.
- 2008 ***Physical Conditioning, EXSC 120***
-Introduce and practice various physical conditioning topics.
Class of 20 students.
- 2008 ***Aerobic Fitness, EXSC 121***
-Introduce and practice various aerobic fitness training topics.
Class of 10 students.

LEHIGH CARBON COMMUNITY COLLEGE

- 2007 ***Weight Training and Fitness, PED 143***

-Introduce and practice various health fitness topics. Class of 20 students

PROFESSIONAL SERVICE

- National Strength and Conditioning Association Foundation Grant Reviewer (2017)
 - National Strength and Conditioning Association Abstract Reviewer: Judged both national conference and research award abstracts (2016-2018)
 - Southeast Chapter of the American College of Sports Medicine Abstract Reviewer (2015-2016)
-

PROFESSIONAL ACTIVITY

- Panel member for fall research seminar conducted by Office of Research and Commercialization at the University of Central Florida (2016)
 - Undergraduate Research Presentation Judge at Experimental Biology (2016)
 - University of South Carolina Discovery Day Judge (2012)
 - South Carolina High School Science Fair Judge (2011)
-

INVITED JOURNAL REVIEWER

- Cell Death & Disease
 - Oxidative Medicine and Cellular Longevity
 - MSSE
 - Journal of Cachexia, Sarcopenia, and Muscle
 - Molecular Nutrition and Food
 - Journal of Physiology
 - BMC Biology
 - Experimental Physiology
 - Physiological Reports
 - Acta Physiologica
 - Nutrition & Metabolism
 - Journal of Applied Physiology
 - American Journal of Physiology Endocrinology and Metabolism
 - American Journal of Physiology Regulatory, Integrative and Comparative Physiology
 - Journal of Strength and Conditioning Research
 - Molecular and Cellular Endocrinology
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INVITED GRANT REVIEWER

- DFG, German Research Foundation
-

COMMUNITY SERVICE

- Sports Performance Coach for Millersville University of Pennsylvania Men's and Women's Golf Program (2012-2016)
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UNIVERSITY COMMITTEE WORK

FLORIDA STATE UNIVERSITY

- Department Executive Committee (2017-Present)
- Faculty Search Committee (2017-2018)
- Graduate Student Admissions Committee (2017-Present)

UNIVERSITY OF CENTRAL FLORIDA

- EHS Instructor and Lecturer Promotion Committee (CHAIR) (2016-2017)
 - Undergraduate curriculum and Standards Committee (2016-2017)
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PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

American Physiological Society
American College of Sports Medicine
National Strength and Conditioning Association

Bradley Gordon List of References

1. Scot R. Kimball, Ph.D., Professor and Post-Doctoral Mentor
INSTITUTION: The Pennsylvania State University College of Medicine
PHONE: 717-531-8970
EMAIL: srk2@psu.edu
2. James A. Carson, Ph.D., Professor and Chair of Exercise Science
INSTITUTION: The University of South Carolina
PHONE: 803-777-2185
EMAIL: carsonj@mailbox.sc.edu
3. Matthew C. Kostek, Ph.D., Assistant Professor and Ph.D. Mentor
INSTITUTION: Duquesne University
PHONE: 412-396-5546
EMAIL: kostekm@duq.edu