

Curriculum Vitae

Edwin Miranda

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Education

May 2014 Bachelor's of Science
Major: Exercise Science
Minor: Chemistry
Salisbury University, Salisbury, MD

Professional Appointments

July 2013 – Present Undergraduate Reviewer
International Journal of Exercise Science

Oct. 2012 Majors Fair Seidel School Representative
Center for Student Achievement
Salisbury University
Salisbury, MD 21801

Jan. 2012 - Present Supplemental Instructor
Sports Nutrition
Salisbury University
Salisbury, MD 21801

Sept. 2011 - Present Academic Tutor
Center for Student Achievement
Salisbury University
Salisbury, MD 21801

Dec. 2010 - Present Undergraduate Research Assistant
The Laboratory for Human Performance
Salisbury University
Salisbury, MD 21801

Professional Certifications

CRLA, Certified Tutor, *Current*
Protecting Human Research Participants-NIH, *Current*
CPR, First Aid, AED- Red Cross, *Current*
Health Fitness Specialist- American College of Sports Medicine, *Current*

Professional Memberships

Mid Atlantic Regional Chapter, American College of Sports Medicine
National, American College of Sports Medicine

University and Departmental Committees

Exercise Science Program Advisory Committee, Salisbury University 2012-Present
Student Representative, USARA Grants Committee, Salisbury University, 2011-Present

Honors & Awards

NCUR Travel Grant Award
Spring 2014

Dean's List, Salisbury University
Spring 2012, Fall 2012, Spring 2013, Spring 2014

Salisbury University Scholar Holler Award
March 2012

Scientific Publications

Influence of Xpand Nitric Oxide Reactor, L-Arginine Alpha-Ketoglutarate, and Caffeine Supplementation on Calf Muscle Re-Oxygenation During and After Acute Resistance Exercise. Collins, B., R. Sapp, J. LaManca, C. Wolff, E.R. Miranda, V. Gutierrez, S. Mazzetti. *Journal of Nutritional Therapeutics*

Current Research Projects

Energy Expenditure During Active and Handheld Video Game Drumming Versus Walking. Mazzetti, S., E.R. Miranda, R. Sapp, M. Kolankowski, B. Wilkerson, M. Overstreet. (*Project Write Up*).

Energy Expenditure During Hacky Sack Play Verses Elliptical Machine. Sapp, R., E.R. Miranda, S. Mazzetti.

Energy Expenditure Responses Before and After Twelve Weeks of Resistance Training. Mazzetti, S., E.R. Miranda, R. Sapp, P. Francis, C. Rivera-Pratts.

Scientific Presentations

Test-Retest Reliability of Tendo Weightlifting Analyzers With Recreational and Explosive Contractions During Bench Press Exercise. Miranda, E.R., W.M. Castor, P. Ferrara, J. Bock, S. Guarnera, J. Krauss, M. Findle, and S. Mazzetti. *National Conference on Undergraduate Research, Lexington, KY. April, 2014.*

Understanding changes in RMR and energy expenditure: more muscle vs. trained muscle. Ferrara, P., R. Sapp, E.R. Miranda, P. Francis, C. Rivera-Pratts, J. Haaf, A. Bushong, V. Meyers, W. Castor, and S. Mazzetti. *SU Student Research Conference, Salisbury, MD. April, 2013.*

ACTN3: Genetic Disposition for Elite Athletic Performance. E.R. Miranda. *SUSRC, Salisbury University, Salisbury, MD. April, 2012.*

Energy Expenditure During Active and Handheld Video Game Drumming Versus Walking. Gutierrez, V., Kolankowski, M., Wilkerson, B., Overstreet, M., Miranda, E.R., Sapp, R., and Mazzetti, S. *MARC-ACSM, Harrisburg, PA. November, 2011.*

Enzymatic and Immunoassays for determining Total Cholesterol, HDL, Lpa, CRP, and Triglycerides for Subjects Participating in Exercise Science Undergraduate Research Studies. Bowie, S., S. Velky, E. Miranda, M. Kolankowski. *Salisbury University Student Research Conference. April, 2011.*

Influence of differences in kilograms/set on energy expenditure during and after resistance exercise. Overstreet, M., C. Wolff, M. Kolankowski, B. Wilkerson, T. Grube, M. Holter, C. Orcino, B. Metheny, J. Kecman, K. Palmer, E.R. Miranda, and S. Mazzetti. *MARC-ACSM, Harrisburg, PA. November, 2010.*

Educational Presentations

The Salisbury University Laboratory for Human Performance: A Model for Exemplary Undergraduate Research. Innovative Showcase, Salisbury University Research Day. Meyers, V., E.R. Miranda, J. Watso, W.M. Castor, P. Ferrara, J. Bock, and S. Mazzetti. *Salisbury, MD. September, 2013.*

Explanation and Demonstration of Tendo and Myotest Accelerometers. Miranda, E.R., P. Ferrara, A. Bushong. *Salisbury, MD. May, 2012.*

Nutrition for Performance Enhancement in Volleyball. Miranda, E.R., R. Sapp, C. Rivera-Pratts, *Salisbury, MD. April, 2012.*

Nutrition for Sports Performance. Miranda, E.R., R. Sapp, and S. Mazzetti. *Democratic Republic of Congo SportsUnited, Salisbury, MD. January, 2012.*

Professional References

Scott Mazzetti, Ph.D.

Professor & Academic Advisor

Department of Health, PE & Human Performance, MC 216

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John J. LaManca, Ph.D

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