

SHSU VITA

I. Academic/Professional Background

A. Name: Mario A. Muñoz

Title: Assistant Professor

B. Educational Background

<i>Degree</i>	<i>Year</i>	<i>University</i>	<i>Major</i>
Ph.D.	2015	Boston University	Rehabilitation Sciences
M.S.	1996	Northern Michigan University	Exercise Sciences
B.A.	1994	University of Puerto Rico	Physical Education

C. University Experience

<i>Position</i>	<i>University</i>	<i>Dates</i>
Assistant Professor	Sam Houston State University	8/14/20
Lecturer	University of Massachusetts Boston	9/08/08-7/31/2020
Adjunct Lecturer	University of Tennessee in Knoxville	7/1/16-12/15/16
Adjunct Lecturer	Turabo University, Gurabo, PR	8/01/02- 4/30/06
Adjunct Lecturer	Sacred Heart University, SJ, PR	8/01/04- 4/30/06
Adjunct Lecturer	University of Puerto Rico, Ponce, PR	8/1/02- 6/01/05
Adjunct Lecturer	Metropolitan University, SJ, PR	8/1/96- 6/01/00

D. Relevant Professional Experience

<i>Position</i>	<i>Entity</i>	<i>Dates</i>
Post-Doctoral Fellow	University of California San Diego	1/06/16-/16
President	PDCPR	1/01/00-05
Strength & Conditioning Coach	Professional Volleyball League, PR	1991-2015

E. Other Professional Credentials (licensure, certification, etc.)

Fellow of the American College of Sports Medicine (FACSM) since November/2019

II. TEACHING

A. Courses Taught:

Sam Houston State University
KINE 4373 Advance Topics in Physiology of Exercise
SPMT 5374 Applied Research Methods in Sports Management
KINE 4377 Principles of Exercise Testing and Prescription
KINE 5377 Independent Study

UMass-Boston
EHS 120 Careers in Exercise Sciences
EHS 160 Fitness and Wellness
NU 212 Health Promotion and Teaching
EHS 230 Strength and Conditioning
EHS 270 Worksite Health Promotion
EHS 300 Health and Fitness Assessment
EHS 320 Adapted Physical Activity
EHS 370 Exercise Programming
EHS 385 Exercise Physiology
EHS 386 Exercise Physiology Laboratory
EHS 460 Research Methods I
EHS 470 Research Methods II
EHS 630 Advance Fitness Assessment (graduate course)

B. Graduate Theses/Dissertations, Honors Theses, or Exit Committees (if supervisor, please indicate):

2022 - present Kelsi Lambright, Master thesis, "The Effects of Resistance Training and High Intensity Interval Training on Soccer Related Fitness and Skills in High School Player", Sam Houston State University, supervisor

2021 - present Samuel Matos, Doctoral Dissertation, "Semi-automatic basketball jump shot annotation using multi-view activity recognition and Deep Learning", Polytechnic University, San Juan, Puerto Rico. Committee Member.

2020 Hadise Khaniyan, Doctoral Dissertation, "Development and Initial Psychometric Evaluation of a Physical Activity Processes of Change Questionnaire for Adolescents," University of Massachusetts in Boston. Committee Member.

C. Courses Prepared and Curriculum Development:

D. Funded External Teaching Grants and Contracts:

Doctoral Fellowship from the College of Health and Rehabilitation Sciences at Boston University 2013 – 2014

E. Submitted, but not Funded, External Teaching Grants and Contracts:

F. Funded Internal Teaching Grants and Contracts:

SHSU College of Health Sciences, Faculty Research and Creative Scholarship Grant,
2022

G. Submitted, but not Funded, Internal Teaching Grants and Contracts:

H. Other:

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press)

1. Books (if not refereed, please indicate)

a. Scholarly Monographs:

b. Textbooks:

c. Edited Books:

d. Chapters in Books:

Mario A. Muñoz, Laurie Milliken and Linda E. May, "Exercise Programming Across the Lifespan: Children and Adolescents, Pregnant Women, and Older Adults," in ACSM's 3rd Edition of Resources for the Exercise Physiologist. 2021

e. Creative Books:

2. Articles

a. Refereed Journal Articles:

- **Muñoz, Mario**, and Jennifer A Bunn. "Season Phase Comparison of Training and Game Volume in Female High School Volleyball Athletes." *Women in Sport and Physical Activity Journal* 1, no. aop (2023): 1–7.
- Croteau, Karen., Eduljee, N., Murphy, L., Rosene, J., and **Muñoz, M.** "Impact of the COVID-19 Pandemic on Athletes Participating in the 2022 Masters Field Hockey World Cup." *International Journal of Sport, Exercise and Health Research* 2023; 7(1): 24-29
- Lindsay, A., Wallington, S., **Muñoz, M.**, & Greaney, M. (2018). A qualitative study conducted in the USA exploring Latino fathers' beliefs, attitudes and practices related to their young children's eating, physical activity and sedentary behaviors. *Public Health Nutrition*, 21(2), 403-415
- Lindsay, A. C., Wasserman, M., **Muñoz, M. A.**, Wallington, S. F., & Greaney, M. L. (2018). Examining Influences of Parenting Styles and Practices on Physical Activity and Sedentary Behaviors in Latino Children in the United States: Integrative Review. *JMIR Public Health and Surveillance*, 4(1), e14.
- Mendoza AS, Linke S, **Muñoz M**, Pekmezi DW, Ainsworth C, Cano M, et al. Promoting physical activity among underserved populations. *Current Sports Medicine Reports*. 2016 (July/August).
- Cermak SA, Katz N, Weintraub N, Steinhart S, Raz-Silbiger S, **Muñoz M**, et al. Participation in physical activity, fitness, and risk for obesity in children with developmental coordination disorder: A Cross-cultural Study. *Occupational Therapy International*. 2015 vol. 22 (4) pp. 163-173.

3. Conference Proceedings

a. Refereed Conference Proceedings:

- Torres, C., **Muñoz, M. A.** (2023). The Impact of Academic Years and Sedentary Time on Physical Fitness and Body Composition in College Students: *Medicine & Science in Sports & Exercise*, 55(9S)
- **Muñoz, M. A.**, Suárez-Iglesias, D., Pojskić, H., & Vaquera, A. (2022). Gender Differences in Physiological and Skills Characteristics Between Basketball Referees During International Basketball Tournaments: 1141. *Medicine & Science in Sports & Exercise*, 54(9S), 278.
- **Muñoz, Mario A.**; Milliken, Laurie FACSM; Santiago-Rodríguez, María Enid Sedentary Behavior and Parental Perceptions and Intentions Toward Physical Activity of Puerto Rican Children, *Medicine & Science in Sports & Exercise*: July 2020 - Volume 52 - Issue 7S - p 415.

- Mendoza-Vasconez, Andrea S.; Medina, Aysell; **Munoz, Mario**; Larsen, Britta; Hurst, Samantha. "If We Knew That Exercise Could Be Our Medicine": Perceptions of Latinas in Low-Income Clinics. *Medicine & Science in Sports & Exercise* 50(5S):p 362, May 2018. | DOI: 10.1249/01.mss.0000536273.19824.d1
- Mendoza-Vasconez, A., Medina, A., **Muñoz, M.**, Larsen, B., & Hurst, S. (accepted for April 2018). Perceived benefits, sources of motivation, and facilitators of physical activity among Latinas in low-income clinics. Poster Presentation at the 39th SBM Annual Meeting & Scientific Sessions. Society of Behavioral Medicine.
- **Muñoz, Mario A.**; Crouter, Scott E. FACSM. Family Factors Associated with Physical Activity and Sedentary Time in Children Living in Puerto Rico: 3137 Board #42 June 2 3. *Medicine & Science in Sports & Exercise* 49(5S):p 885, May 2017. | DOI: 10.1249/01.mss.0000519401.12398.f9
- **Muñoz, Mario A.**; Crouter, Scott E. FACSM; Orsmond, Gael; Gill, Simone V.; Coster, Wendy J.. Comparison of Physical Activity Levels Between Children Living in Puerto Rico and Continental U.S.: 2716 Board #239 June 3, 9. *Medicine & Science in Sports & Exercise* 48(5S):p 761, May 2016. | DOI: 10.1249/01.mss.0000487285.42680.53
- Mendoza-Vasconez, Andrea S.; Marcus, Bess H.; **Muñoz, Mario**. Recruitment Challenges And Strategies In A PA Intervention For Latino Men: 2421 Board #2 June 3, 9. *Medicine & Science in Sports & Exercise* 48(5S):p 663-664, May 2016. | DOI: 10.1249/01.mss.0000486990.49132.19
- **Muñoz, M.**, Crouter, S. E., Coster, W., Orsmond, G., & Gill, S. Association between parent's perception of weight, behavior change and physical activity in Puerto Rican children. Abst C-Thematic. *Medicine & Science in Sports & Exercise* 44(5S):p 186-266, May 2012. | DOI: 10.1249/01.mss.0000417528.45625.44 Conference of the American College of Sports Medicine, San Diego, CA.
- **Muñoz, Mario M.S.**; Crouter, Scott E. Ph.D., FACSM; Coster, Wendy Ph.D. Association Between Parental Perceptions of Puerto Rican Children's Weight Status with BMI and Skinfold Measures: 2327 Board #32 May 30, 9. *Medicine & Science in Sports & Exercise* 46(5S):p 621, May 2014. | DOI: 10.1249/01.mss.0000495333.68820.7b
- Marquez, D. X., **Muñoz, M.**, & Martinez, V. (2014, May) Yes, we are Latinos. No, we are not the same: Considering cultural differences when designing interventions programs for the Latino population. Tutorial lecture presented at the Annual Conference of the American College of Sports Medicine, Orlando, FL.
- Cermak, S. A., Noomi, K., **Muñoz, M.**, Lifshitz, N., Must, A., Weintraub, N., et al. (2014, February). Participation in Physical Activity, Fitness and Risk for Obesity in Children with Developmental Coordination Disorders (DCD): A Cross Cultural Study. Poster presented at The World Federation of Occupational Therapists Annual Conference.

- **Munoz, Mario;** Horton, Magdalene; Bassett, David R. Jr FACSM; Crouter, Scott E. FACSM. Validity of Actical Accelerometer Algorithms for Estimating Energy Expenditure in Children: 2547. *Medicine & Science in Sports & Exercise* 43(5):p 699-700, May 2011. | DOI: 10.1249/01.MSS.0000401939.58192.c3
- **Munoz, Mario;** Cermak, Sharon. The Association Between Measures of Fitness, and The Six- Minute Walk Test in Healthy Children.: 2270. *Medicine & Science in Sports & Exercise* 40(5):p S418, May 2008. | DOI: 10.1249/01.mss.0000322782.37327.61

b. Non-refereed:

- Muñoz, M., “Más Allá De La Actividad Física Y La Nutrición: Otros Factores Que Inciden En La Obesidad Infantil en Niños Y Niñas Hispanos” – Keynote Speaker at the Annual Conference of Health and Physical Activity of The University of Turabo, Turabo, PR, November 2013
- Muñoz, M., Beyond Physical Activity and Nutrition: Other Factors Associated with Childhood Obesity in Hispanic Children – Keynote Lecturer at the Annual Conference of the Puerto Rico’s Association for Physical Education and Recreation, San German, PR, October 2013
- Muñoz, M., Physical Activity Participation in Children with Developmental Coordination Disorder – Lecture to the fellow residents in pediatrics at Boston Medical Center, Boston, MA, October, 2012
- Muñoz, M., Developmental Coordination Disorder and Self-efficacy Towards Physical Activity in Children – Slide presentation at the PRAAPHERD First Annual Conference, Dorado, PR, August, 2010
- Muñoz, M., Physical and Academic Fatigue of the Student Athlete – Lecture to participants of the Catholic Schools Annual Convention, San Juan, PR, January, 2003
- Muñoz, M., Benefits of a Strength and Conditioning Program – Lecture to participants at the “ALTURA” Basketball Program of the Department of Recreation and Sports of PR, Salinas, PR, October 2002
- Muñoz, M., How to Attract Young Participants to Wellness Programs to Increase Their Health Status – Presentation at the Annual Conference of the Physical Education and Recreation Association of Puerto Rico, December 2001
- Muñoz, M., Exercise Physiology and Children in Sports – X International Congress of Children and Sport, Dominican Republic, March 2001

4. Abstracts:

- Muñoz, M. A., Suárez-Iglesias, D., Pojskić, H., & Vaquera, A. (2022). Gender Differences in Physiological And Skills Characteristics Between Basketball Referees During International Basketball Tournaments: 1141. *Medicine & Science in Sports & Exercise*, 54(9S), 278.

5. Reports:

6. Book Reviews:

7. Other Works in Print:

American College of Sport Medicine newsletter article – “Advancing BIPOC Diversity, Equity & Inclusion within Kinesiology”, September, 2022

B. Works not in Print

1. Papers Presented at Professional Meetings:

2. Invited Talks, Lectures, and Presentations:

- Invited to talk to members of the American College of Sports Medicine in Argentina – “Cuantificación del movimiento humano: Acelerómetros para evaluar sedentarismo y gasto energético”, Zoom video conference, November 2023
- Interviewed at “Podcast Cucubano” – “Mitos y Realidades de la Actividad Física y el Ejercicio”, Episode #377, January 2023
- Invited to talk to members of the American College of Sports Medicine during their Health and Fitness Summit in Spanish – “Actividad física en niños, niñas y adolescentes Latinos: Percepciones de padres y madres”, Dallas, Texas, April 2022
- Invited to talk at The Puerto Rican Agenda Health Summit 2022– “The association between parent and child factors with physical activity and sedentary behaviors in children from Puerto Rico”, Chicago, IL, September 2022 (attended remotely)
- Invited to talk to members of the Physical Education and Recreation Association of Puerto Rico (AEFRPR) during their annual conference – “What do we know about physical activity around the world during the pandemic”., Salinas, Puerto Rico, October 2021
- Moderator for the First ACSM International Health and Fitness Summit in Spanish. April 10th 2021 (Online Event)
- Invited to give a virtual talk to members of the Association of Exercise Physiologists of Puerto Rico (AFEPR) – “Physical Activity and Exercise for Children and Youth During the Pandemic”., Facebook Live, August 27th 2020 – facebook.com/aefxpr

- Muñoz, M., Barriers for Participation in Physical Activity in Latino Children – Invited Speaker at the Annual Conference of Greater New York Regional Chapter of the American College of Sports Medicine, November 2018

3. Consultancies:

2021 – present International Basketball Federation (FIBA) – Fitness consultant for the referees at FIBA Americas

1999 – 2005 Department of Sports and Recreation for the Government | Puerto Rico
Develop and evaluate physical conditioning program for the community elite sport programs

4. Workshops:

Armstrong, L., Muñoz, M., Looking Toward 2025: The Future of Technology in Sports Medicine and Exercise Sciences – Colloquium presented at the Fall Conference of the New England Chapter of the American College of Sports Medicine, Providence, RI, November, 2011

5. Other Works not in Print:

a. Works “submitted” or “under review”

- Manuscript submitted to the Journal of Strength and Conditioning Research, “Season phase comparison of training and game volume in female high school volleyball athletes”, (first author, November 2022)

b. Works “in progress”

- Health & Wellbeing of Masters World Cup Hockey Athletes – Collaboration with several institutions
- Physical Activity and Sedentary Time are Associated with Parental Perceptions/Intentions of Changes in Health Behaviors in Puerto Rican Children (manuscript, first author)
- Fluctuations in cardiovascular responses and locomotor activity profile of elite basketball referees during international competition (manuscript, third author)

C. Grants and Contracts

1. Funded External Grants and Contracts:

- 2021 – present COHS VAX grant content team

2. Submitted, but not Funded, External Grants and Contracts:

3. Funded Internal Grants and Contracts:

4. Submitted, but not Funded, Internal Grants and Contracts:

D. Fellowships, Awards, Honors:

- American College of Sports Medicine
 - Nominated for the Board of Trustees as Diversity and Inclusion trustee (not elected) - 2021
 - Promoted to the rank of Fellow of The American College of Sports Medicine (FACSM) – November 2019
 - Leadership & Diversity Training Program Fellowship Level III - 2016-2017 – Mentor, Dr. Lawrence Armstrong
 - Leadership & Diversity Training Program Fellowship Level II - 2011-2012 – Mentor, Dr. Lawrence Armstrong
 - Leadership & Diversity Training Program Fellowship Level II - 2010-2011- Mentor, Dr. Lawrence Armstrong
- Federation of American Societies for Experimental Biology (FASEB)
 - Minority Access to Research Careers (MARC) Program – Poster/Oral Presentation Travel Award to present at the American College of Sports Medicine Annual conference – 2014
 - Minority Access to Research Careers (MARC) Program – Poster/Oral Presentation Travel Award to present at the American College of Sports Medicine Annual conference – 2008
- Boston University
 - Sargent College of Health and Rehabilitation Sciences’ Dudley Allen Research Grant – 2008
 - Science Day Sargent College Dean’s Award – Award for poster presented at Annual Research Symposium at Boston University – 2008

IV. SERVICE

A. Institutional

1. University:

- President office, Wellness Program Committee Member (August 2021 to August 2023)

2. College:

- Bridge Program mentor, College of Health Sciences, Sam Houston State University, (present)
- Meta Assessment committee, College of Health Sciences, Sam Houston State University, (present)
- Scholarships review committee, College of Health Sciences, Sam Houston State University, (present)
- College of Health Sciences, Sam Houston State University, Diversity and Equity Committee (2020 – present)
- Search Committee College of Health Sciences, Department of Nutrition and Dietetics, Sam Houston State University (2021 – 2022)
- Ad hoc assessment committee for the Kinesiology Department (Fall 2021)
- College of Nursing and Health Sciences, UMass-Boston, Senator and Secretary of the senate (2018-2020).
- Search Committee, College of Nursing and Health Sciences, UMass-Boston, (2013-2020)

3. Department/School:

- Graduate assistant coordinator, College of Health Sciences, Department of Kinesiology, Sam Houston State University (present)
- Human Performance and Wellness Management program coordinator, College of Health Sciences, Department of Kinesiology, Sam Houston State University (present)
- Thesis mentorship, College of Health Sciences, Department of Kinesiology, Sam Houston State University (present)
- Search Committee College of Health Sciences, Department of Kinesiology, Sam Houston State University (present)
- Curriculum Committee, Department of Exercise and Health Sciences, UMass-Boston (2017-2020)

B. Professional:

2023 – present	American College of Sports Medicine Diversity Action Committee
2022 – present	American College of Sports Medicine Communications and Public Information Committee member
2021 – present	Member of the Social Justice and Cultural Diversity Committee at The National Association for Kinesiology in Higher Education (NAKHE)
2019 – present	Mentor for the ACSM/ Leadership & Diversity Training Program Fellowship during the ACSM Annual Meeting in Orlando, FL, American College of Sports Medicine.
2019 – present	Co-chair of Communication Committee of the ACSM's Diversity Advancement Network.
August 2019 to August 2020	Member at Large for The New England Chapter of the American College of Sports Medicine
2017 to 2020	American College of Sport Medicine, Minority Health Special Interest Group, Program Co-Chair
2018	Mentor for the ACSM/ Leadership & Diversity Training Program Fellowship during the ACSM Annual Meeting in Minneapolis, MN, American College of Sports Medicine
2018	Massachusetts' Representative New England Chapter of the American College of Sports Medicine
2017 to 2018	Mentor for the ACSM/FASEB DREAM Structured Mentoring Program during the ACSM Annual Meeting in Denver, CO American College of Sports Medicine and The Federation of American Societies for Experimental Biology
2015 to 2018	Membership Committee American College of Sports Medicine National.
2008 – 2013	Massachusetts' Representative

New England Chapter of the American College of Sports
Medicine

1993 - 1994

Secretary
Physical Education and Recreation Association of Puerto Rico