

CURRICULUM VITAE

Eduardo Esteban Bustamante, Ph.D.
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 Department of Kinesiology and Nutrition
 University of Illinois at Chicago
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A. Research Interests:

- Physical activity as a tool and space for mental health promotion, prevention, and treatment among children and families in communities of concentrated poverty
- Physical activity intervention background with extensive service and research experience in urban Latino and African-American communities

B. Education and Training:

Bachelor of Science 2006

University of Massachusetts, Amherst (UMass)

Major: Kinesiology

Commonwealth College, *Cum Laude*

Doctor of Philosophy 2013

University of Illinois at Chicago (UIC)

Major: Kinesiology, Nutrition, and Rehabilitation Science

Concentration: Exercise and Health Psychology

Postdoctoral Research Fellowship 2013-2015

Georgia Prevention Institute, Medical College of Georgia, Augusta University

C. Academic Appointments

Assistant Professor 2015-Present

University of Illinois at Chicago, Department of Kinesiology and Nutrition

Director 2015-Present

Healthy Kids Lab at UIC

D. Grants:

D1. Current Funding

“BUILT: Building Unstoppable families through Intergenerational Lifestyle Transformation,”
 University of Illinois at Chicago, Center for Clinical and Translational Sciences (CCTS) Pilot
 Grant. 1/1/2017-12/31/2018. Total Costs: \$30,000. Role: Principal Investigator (in review).

“*Hablemos*, A Culturally Adapted Communication Intervention for Hispanic Mothers,” National Institute for Child Health & Human Development (NICHD) (R01 HD091355-01, PI: Dr. Diane McNaughton. 4/1/2017-3/30/2022. Total Costs: \$2,299,756. Role: Consultant (in review).

“Leaders @ Play for Chicago’s Youth: Professional Development toward Youth Employment,” University of Illinois at Chicago, Institute for Juvenile Research (IJR), Charles Marks Charitable Trust (PI: Dr. Marc S. Atkins). 7/1/2015 – 6/31/2017. Total Costs: \$263,365. Role: Co-Investigator.

D2. Past Funding

“Play Rx Jr.: Exercise as Medicine for ADHD,” Augusta University External Success Award (EWA) (PI: Dr. Catherine L. Davis). 12/16/2014 – 7/31/2015. Total Costs: \$20,000. Role: Postdoctoral Research Fellow.

“Strong & Ready: Harnessing Quality Rated to Improve Child Health and School Readiness,” Georgia Regents University (GRU) Institute for Public & Preventive Health (IPPH) Healthy Augusta Community-Academic Partnership (PIs: Drs. Catherine L. Davis and Nancy Webb). 7/1/2014 – 6/30/2015. Total Costs: \$25,000. Impact/Priority Score: 15. Role: Co-Investigator.

“Exercise & Overweight Children’s Cognition,” National Heart, Lung, and Blood Institute (NHLBI) (R01 HL087923, PIs: Drs. Catherine L. Davis, Phillip D. Tomporowski, and Jennifer E. McDowell). 9/5/2008-7/31/2015. Total Costs: \$5,237,177. Role: Postdoctoral Research Fellow.

“Physical Activity Intervention for ADHD and DBD,” National Institute of Mental Health (NIMH) Dissertation Grant to Increase Diversity (R36MH093152). 8/1/2011 – 7/31/2013. Total Costs: \$78,093. Impact/Priority Score: 10 (resubmission). Role: Principal Investigator.

D3. Submitted – Not Funded

“Play Rx: Efficacy of Exercise as Medicine for ADHD,” Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Research Project Grant (Parent R01, PA-13-302). Total Costs: \$3,398,732. Resubmitted December, 2015 (PI: Dr. Catherine L. Davis). Role: Co-Investigator.

“Physical Activity and Children’s Mental Health,” Pediatric Research Loan Repayment Program, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD). Total Costs: \$37,000. Submitted March, 2014. Impact/Priority Score: 30 (initial submission). Role: Principal Investigator.

E. Awards & Honors:

University of South Carolina Prevention Research Center

Physical Activity and Public Health (PAPH) Postgraduate Course on Research Directions and Strategies

2016

National Institutes of Health Office of Behavioral and Social Sciences Research and the National

Heart, Lung and Blood Institute

Graduate Fellow in Randomized Behavioral Clinical Trials 2015

University of Illinois at Chicago (UIC)

Illinois Early Childhood Activity Program (ICAP) Graduate Travel Fellowship 2013

UIC Graduate Student Council (GSC) Travel Award 2011-2013

UIC College of Applied Health Sciences Minority Leadership Program 2010-2011

American College of Sports Medicine (ACSM)

FASEB MARC Travel Award 2015

Leadership and Diversity Training Program, Level 3 2014

Leadership and Diversity Training Program, Level 2 2010-2013

University of Massachusetts, Amherst

National Science Foundation Northeast Alliance Predoctoral Fellowship 2006-2007

Exercise Physiology Laboratory Outstanding Undergraduate Research Assistant 2006

Leadership Award, Bilingual Collegiate Program (BCP) 2005

UMass Student Government Association (SGA), President 2004-2005

UMass Student Government Association (SGA), Commuter Senator 2002-2004

AHORA (Latino Registered Student Organization), Vice President 2002-2003

F. Community & Professional Service:Ad-Hoc Reviewer

Mental Health and Physical Activity (MENPA)

Journal of Immigrant and Minority Health (JOIH)

Health Education & Behavior

Childhood Obesity (mentored reviewer)

American Journal of Preventive Medicine

Pediatrics (mentored reviewer)

Mind, Brain and Education (MBE)

Medicine & Science in Sports & Exercise (MSSE)

Journal of Latina/o Psychology (mentored reviewer)

PLOS ONE

Hippocampus

SSM – Population Health

BMC Public Health

Obesity

SAGE Open

Journal of Aging and Health

Psychology of Sport & Exercise

Journal of Physical Activity & Health

Obesity-Open Access

Physiology & Behavior

University of Illinois at Chicago (UIC)

College of Applied Health Sciences Diversity Committee, Student Rep. 2012-2013

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| Search Committee, Visiting Research Specialist | 2012 |
| Graduate Student Council (GSC), Departmental Representative | 2009-2012 |
| College of Applied Health Sciences Diversity Strategic Planning Steering Committee, Student Representative | 2011-2012 |

Medical College of Georgia (MCG)

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| MCG Childcare Center, Executive Board | 2014-2015 |
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American College of Sports Medicine (ACSM)

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| Committee on Diversity Action, Chair | 2016-Present |
| Leadership and Diversity Training Program, Director | 2015-Present |
| Ad Hoc Committee on Diversity Action, Chair | 2015-2016 |
| Strategic Health Initiative on Health Equity Committee, Member | 2014-Present |
| Minority Health & Research Special Interest Group (SIG), Member | 2009-Present |
| Exercise is Medicine: Underserved Populations Committee, Member | 2014-Present |
| Ad Hoc Committee on Diversity Action, Student Representative | 2010-2014 |

Midwest American College of Sports Medicine (MWACSM)

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| Leadership and Mentoring Program, Mentor | 2016-Present |
| Leadership and Mentoring Program Committee, Member | 2015-Present |

Southeast American College of Sports Medicine (SEACSM)

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| Leadership and Diversity Training Program, Mentor | 2014 |
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Marilyn G. Rabb (MGR) Foundation

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| Foreman High School Mighty Hornet Mentor Club, Co-Facilitator | 2011-2012 |
| Team M3 Chicago Marathon Mentor-Run Program, Mentor | 2009-2011 |

Emmanuel College (Boston, MA)

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| Men's Varsity Basketball Strength and Conditioning Coach | 2005-2006 |
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University of Massachusetts, Amherst (UMass)

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| UMass Student Bridges Program, Co-Founder | 2006 |
| UMass Athletic Department, Strength and Conditioning Program Intern | 2004-2006 |
| The Shortage of Tenure-Track Faculty at UMass, Amherst, Panelist | 2005 |
| Chancellor's Commission on Campus Diversity, Student Representative | 2004-2005 |
| How to Live and Learn in a Diverse Community, Panelist | 2004 |
| ALANA (African, Latino, Asian, and Native American) Caucus | 2002-2004 |
| Daily Collegian, Columnist | 2001-2003 |

City of Holyoke, Massachusetts YMCA

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| Youth Basketball Coach | 2006-2007 |
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G. Professional Societies:

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| American College of Sports Medicine (ACSM) | 2008-Present |
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| Midwest American College of Sports Medicine (MWACSM) | 2009-2013, 2015-Present |
| Society of Behavioral Medicine (SBM) | 2008-Present |
| North American Society of Pediatric Exercise Medicine (NASPEM) | 2014-Present |
| Southeast American College of Sports Medicine (SEACSM) | 2014-2015 |
| New England American College of Sports Medicine (NEACSM) | 2005-2006 |

H. Research Experience:

H1. Principal Investigator only

BUILT: Building Unstoppable families through Intergenerational Lifestyle Transformation (PI: Dr. Eduardo E. Bustamante)

- 2017
- Designed and conducted a proof-of-concept open trial to test the feasibility and impact of a pilot 12-week after-school intergenerational lifestyle intervention, *BUILT*, for children with Attention Deficit Hyperactivity Disorder and Disruptive Behavior Disorders residing in an urban poor community. *BUILT* seeks to systematically harness teachable moments inherent in recreation to introduce and reinforce critical behavioral management techniques for children and caregivers while directly intervening on children's sleep, nutrition, physical activity, and screen time patterns.

Physical Activity Intervention for ADHD and DBD (R36MH093152, PI: Eduardo E. Bustamante; Primary Sponsor: Dr. Stacy L. Frazier, Co-Sponsor: Dr. David X. Marquez)

- 2011-2013
- Designed and conducted a pilot randomized-controlled trial investigating the impact of a 10-week after-school physical activity intervention on the cognitive, behavioral, and academic functioning of children with Attention Deficit Hyperactivity Disorder (ADHD) and Disruptive Behavior Disorders (DBD) residing in urban poor community.

Learned Industriousness in the Physical Activity Domain (UIC Department of Kinesiology and Nutrition Funding, PI: Eduardo E. Bustamante)

- 2008-2010
- Designed and conducted a lab-based experiment which enrolled 80 undergraduate students. The study tested the hypothesis that physical activity can instill generalized industriousness through the pairing of the sensation of physical effort with reinforcers.

H2. Co-Investigator

Leaders @ Play for Chicago's Youth: Professional Development toward Youth Employment (Charles Marks Charitable Trust, UIC Institute for Juvenile Research, PI: Marc S. Atkins)

- 2015-Present
- Assist with study design and rationale, park and participant recruitment, staff training and program implementation across 5 parks.

Play Rx Jr.: Exercise as Medicine for ADHD (Extramural Success Award, PI: Catherine L. Davis, GRU, Medical College of Georgia and Georgia Prevention Institute)

- 2014-2015
- Assist with study design and rationale, school and participant recruitment, staff training and management, and intervention delivery for a pilot study comparing a 4-week physical activity

program to a waitlist control program.

Exercise and Overweight Children's Cognition (R01HL87923, PI: Catherine L. Davis; GRU, Medical College of Georgia and Georgia Prevention Center)

- 2013-2015
- Assist with data analysis and presentation of results from a clinical trial of an 8-month exercise vs. attention control after school program on cognition and brain function of overweight/obese children.

Strong & Ready: Harnessing Quality Rated to Improve Child Health and School Readiness (Institute for Public & Preventive Health (IPPH) Healthy Augusta Community-Academic Partnership, PIs: Drs. Catherine L. Davis and Nancy Webb; GRU, Medical College of Georgia and Georgia Prevention Center)

- 2014-2015
- Assist with study design and rationale, site recruitment, data collection, and community advisory board activities, as well as, data analysis and interpretation for a study using a community-based participatory research (CBPR) approach to create evidence-based policy interventions to improve physical activity, diet, and school readiness in Georgia Bright from the Start Department of Early Care and Learning (DECAL) child care centers.

H3. Graduate Research Assistant

Bypassing Alzheimer's: Improving Latinos' Activity and Cognition (BAILA-C) (Alzheimer's Association: New Investigator Research Grant to Increase Diversity, PI: Dr. David X. Marquez)

- 2011-2013
- Assisted with participant recruitment and collection of physical, cognitive, and psychological measures for a 4-month randomized-controlled trial testing the impact of the revised BAILAMOS© program on quality-of-life, lifestyle physical activity, and physical and cognitive function of older Latino adults.

Boosting Activity in Latino Elderly (BAILE) (Midwest Roybal Center for Health Promotion and Translation Research Grant, PI: Dr. David X. Marquez)

- 2011-2012
- Assisted with participant recruitment and collection of physical activity, cardiovascular health, and neurocognitive measures for a pilot single group trial to test the feasibility and impact of the revised 4-month BAILAMOS© program on cardiovascular health in sedentary older Latinos who are overweight/obese.

Leaders @ Play (Charles E. Marks Jr. Charitable Trust Research Grant, PI: Dr. Stacy L. Frazier)

- 2011-2012
- Assisted with program design for a pilot Chicago Park District (CPD) after-school program for adolescents. The program paired a mental health professional (Social Worker) with a CPD Recreational Leader to explicitly teach problem solving, emotional regulation, and effective communication through recreation. Adolescents completing the program were eligible to work as CPD Junior Counselors the following summer.

Project NAFASI (Nurturing All Families through After School Improvement) (R01MH081049,

PI: Dr. Stacy L. Frazier)

- 2009-2012
- Assisted with site and participant recruitment, data collection and coordination, after-school observations, data analysis, data entry, and manuscript writing for a cross-sectional study aimed at developing a service model to support Chicago Park District after-school staff in meeting the mental health needs of participating youth.

Project WEL (Walking & Environment in older Latinos) (Midwest Roybal Center for Health Promotion and Translation Research Grant, PI: Dr. David X. Marquez)

- 2010-2011
- Assisted with implementation, analysis, and abstract/manuscript preparation of focus groups, key informant interviews, and a quantitative environmental audit of community and street-scale factors associated with physical activity among older Latino adults with mobility limitations living in the South Chicago community.

Balance & Activity In Latinos: Addressing Mobility in Older adultS (BAILAMOS)
(Departmental funding, PI: Dr. David X. Marquez)

- 2010
- Assisted with recruitment, implementation, and abstract/manuscript preparation for a single group pilot examining the feasibility and impact of the BAILAMOS Latin dance intervention for older Latino adults living in South Chicago.

Cognition and Physical Activity among Community Elderly Study (CAPACES) (Rush University Medical Center Pilot Projects, PI: Dr. JoEllen Wilbur, Rush University College of Nursing; Co-I: Dr. David X. Marquez)

- 2008-2010
- Assisted with site and participant recruitment, screening, data collection, data entry, data analysis, and manuscript writing for a cross-sectional study examining the associations between objectively and subjectively-measured physical activity and health in older Latino adults.

Links to Learning (R01MH073749, PI: Dr. Marc S. Atkins, UIC Department of Psychiatry, IJR; Co-I: Dr. Stacy L. Frazier)

- 2008- 2009
- Assisted with recruitment, data collection, and classroom observations for a cluster randomized-controlled trial aimed at developing a service model linking primary school classrooms with mental health providers in order to support school teachers and staff in meeting the mental health needs of children living in urban poor communities.

Development of Intervention Strategies to Reduce Risk of Gestational Diabetes Mellitus among Latina Women (National Institute of Health [NIH] Research Supplement to Promote Diversity in Health Related Research, PI: Dr. David X. Marquez; Parent Grant & PI: “Epidemiology of Stress and GDM among Latina Women” [R01DK64902-01], Dr. Lisa Chasan-Taber, UMass, Amherst, School of Public Health)

- 2006-2007
- Assisted with recruitment, implementation, analysis, and manuscript preparation for a series of focus groups assessing barriers and facilitators to physical activity among sedentary pregnant

Latina women at risk for gestational diabetes mellitus.

ABC Study: Activity, Barriers, and Correlates of Dementia in Caregivers and Non-caregivers (Healy Faculty Research Grant, UMass, Amherst, PI: Dr. David X. Marquez)

- 2006
- Assisted with subject recruitment and screening, data collection, and data entry for a cross-sectional study to identify the barriers and facilitators to physical activity perceived by caregivers.

H4. Undergraduate Research Assistant

Validity of the Omron HJ-112 pedometer during treadmill walking (Funding from Omron, Inc., PI: Dr. Patty S. Freedson, UMass, Amherst, Department of Kinesiology, Exercise Physiology Laboratory)

- 2005
- Assisted in subject recruitment, preparation of equipment, and data collection for a study to design a more accurate energy expenditure prediction equation for OMRON pedometers.

Effects of Glucosamine Supplementation on Exercise-Induced Muscle Damage and Adaptation (PI: Dr. Priscilla M. Clarkson, UMass, Amherst, Department of Kinesiology, Muscle Biology and Imaging Laboratory)

- 2005
- Assisted in subject recruitment and data collection for a randomized controlled trial examining the effects of glucosamine supplementation on muscle soreness.

I. Teaching Experience:

Dissertation Committee (University of Illinois at Chicago, Department of Kinesiology and Nutrition)

- 2016-2018
- Committee member for the dissertation of Ms. Isabela Marques

Instructor: KN 396 – Experiential Learning Independent Study (UIC Department of Kinesiology and Nutrition)

- Spring 2017
- Designed and implemented a 3-credit experiential learning independent study course for undergraduate students to assist with and learn from implementation of an intergenerational lifestyle after-school program for children with behavioral disorders living in a high poverty community. Students attend trainings and support meeting, assist with recruitment, plan and assist with facilitation of program activities, assist with data collection, cleaning, and entry, and complete bi-monthly progress reports.

Project Supervisor: Honors College Capstone Project (University of Illinois at Chicago, College of Applied Health Sciences)

- 2016-2017
- Supervised the undergraduate Honors College Capstone Project of Angelica Uribe

Instructor: KN 594 – Program Design and Evaluation across the Lifespan (UIC Department of

Kinesiology and Nutrition)

- Fall 2016
- Designed and implemented course materials (i.e., tests, quizzes, reading list, lecture slides, and group projects) for a 3-credit Special Topics graduate lecture course. Course content focused on best practices for development and evaluation of evidence-based health interventions from conception through dissemination, with special emphasis given to randomized controlled trial methodology. Course enrolled 7 students in one semester.

Faculty Mentor: Summer Research Opportunities Program (University of Illinois at Chicago, College of Applied Health Sciences)

- Summer 2016
- Mentored the SROP experience of Landon C. Burton

Preliminary Exam Committee (University of Illinois at Chicago, Department of Kinesiology and Nutrition)

- Spring 2016
- Committee member for the preliminary exam of Ms. Isabela Marques

Thesis Committee (Georgia Regents University, Department of Psychology)

- Spring 2015
- Committee member for Georgia Regents University Masters student Deena Phillips' thesis entitled "Executive Functions as Mediators of Social Impairment and Externalizing Disorders."

Supervisor: KNHS 3300 – Practicum in Exercise & Sport Science (3-0-3) (Georgia Regents University, Department of Kinesiology)

- Spring 2015
- Supervised the Practicum of Georgia Regents University undergraduate senior Robert Hawes.

Project Supervisor: Honors College Capstone Project (University of Illinois at Chicago, College of Applied Health Sciences)

- Fall 2013-Spring 2014
- Supervised an undergraduate Honors College Capstone Project by Ikemsinachi C. Ukeka entitled, "How Does a Structured After-School Program Impact the Academics of Children with ADHD & DBD Living in an Urban Poor Community?"

Guest Lecturer: PSY 230-G – Child and Adolescent Development (University of Miami, Department of Psychology)

- November, 2013
- Lecture entitled, "Physical Activity and Children's Mental Health."

Instructor: KN 335 – Exercise Psychology (UIC Department of Kinesiology and Nutrition)

- 2008–2009
- Designed and implemented course materials (i.e., tests, quizzes, reading list, lecture slides, and group projects) for a required 3-credit undergraduate lecture course. Course content focused on the psychological antecedents and consequences of physical activity with special attention given to health behavior theory and approaches to physical activity intervention. Course enrolled 75

students per semester for two semesters.

Instructor: KN 297D - Anatomy and Physiology II Lab (UMass, Department of Kinesiology)

- 2006- 2007

- Designed and implemented course materials (i.e., lecture slides) for a required undergraduate 1-credit laboratory course. The course utilized an interactive virtual laboratory covering endocrine, digestive, cardiovascular, and respiratory systems (Physio Ex 6.0 Laboratory Simulations in Physiology for A & P). Course enrolled 30 students per semester for two semesters.

J. Invited Presentations:

1. **Bustamante, E.E.:** B-Groomed Men's Grooming & Lifestyle Expo, presentation entitled, "Physical Activity, Diet, Sleep, & Health." Chicago, IL. July, 2016.
2. **Bustamante, E.E.:** University of Illinois Rockford College of Medicine 21st Annual Research Day, panel entitled, "Childhood Obesity." Rockford, IL. April, 2016
3. **Bustamante, E.E.:** Black Women's Expo, presentation entitled, "Physical Activity & Chronic Disease: Our Situation & the Promise of Physical Activity." Chicago, IL. April, 2016.
4. **Bustamante, E.E.:** Movember Men's Health Event, presentation entitled, "Health Consequences of Physical Inactivity in Men: The Role of the Behavioral Scientist." Chicago, IL. October, 2015.
5. **Bustamante, E.E.:** UIC College of Applied Health Sciences, Cells to Community: Current Research in Integrative Pathophysiology and Health Promotion, presentation entitled, "The Potential Role of Physical Activity in the Treatment and Management of Childhood Behavioral Disorders." Chicago, IL. October, 2015
6. **Bustamante, E.E.:** MCG Grand Rounds, presentation entitled, "Physical Activity as a Tool and Space for Mental Health Promotion in Communities of Concentrated Poverty." Augusta, GA. April, 2015.
7. **Bustamante, E.E.:** MCG Georgia Prevention Institute, Skunk Works, presentation entitled, "Physical Activity for ADHD and Disruptive Behavior Disorders: Preliminary Findings and Future Directions." Augusta, GA. April, 2014.
8. **Bustamante, E.E.:** UIC College of Applied Health Sciences, Cells to Community: Current Research in Integrative Pathophysiology and Health Promotion, presentation entitled, "Physical Activity and Depressive Symptoms in Older Latino Adults." Chicago, IL. September, 2012.
9. **Bustamante, E.E.:** UIC Kinesiology and Nutrition Departmental Seminar, presentation entitled, "Physical Activity and Life Trajectory." Chicago, IL. December, 2010.
10. **Bustamante, E.E.:** UIC College Prep (UICCP), presentation entitled, "Reducing Childhood Obesity at UICCP: An Exercise Psychology Perspective." Chicago, IL. November, 2008.

K. Bibliography:

K1. Peer-Reviewed Publications

1. Krafft, C.E., Waller, J.L., **Bustamante, E.E.**, Zhu, H., Pollock, N.K., Looney, J., Williams, C., McDowell, J.E., Davis, C.L. (in review): Cognitive benefits of exercise vary by COMT genotype & sex in overweight children: a randomized controlled trial.
2. **Bustamante, E.E.**, Davis, C.L., Frazier, S.L., Rusch, D., Fogg, L., Atkins, M.S., Hellison,

- D.R., Marquez, D.X.: Randomized-Controlled Trial of Exercise for ADHD and Disruptive Behavior Disorders. *Medicine & Science in Sports & Exercise*, 48(7):1397-407, 2016.
3. Marquez, D. X., Aguiñaga, S., Campa, J., Pinsker, E., & **Bustamante, E. E.**, & Hernandez, R.: A Qualitative Exploration of Factors Associated with Walking and Physical Activity in Community-Dwelling Older Latino Adults. *Journal of Applied Gerontology*, 35(6): 664-77, 2016.
 4. **Bustamante, E.E.**, Williams, C.E., Davis, C.L. Physical Activity Interventions for Neurocognitive and Academic Performance in Overweight and Obese Youth: A Systematic Review. *Pediatric Clinics of North America*, 63(3):459-80, 2016.
 5. Marquez, D. X., **Bustamante, E. E.**, & Aguiñaga, S., Hernandez, R.: BAILAMOS[®]: Development, Pilot Testing, and Future Directions of a Latin Dance Program for Older Latinos. *Health Education and Behavior*, 42(5): 604-10, 2015.
 6. Davis, C.L., Tkacz, J., Tomporowski, P.D., **Bustamante, E.E.**: Independent Associations of Organized Physical Activity and Weight Status with Children's Cognitive Functioning: A Matched-Pairs Design. *Pediatric Exercise Science*, 27(4): 477-87, 2015.
 7. **Bustamante, E.E.**, Davis, C.L., Marquez, D.X.: A Test of Learned Industriousness in the Physical Activity Domain. *International Journal of Psychological Studies*. 6(4): 12-25, 2014.
 8. Buscemi, J., Kong, A., Fitzgibbon, M.L., **Bustamante, E.E.**, Davis, C.L., Pate, R.R., & Wilson, D.K. Society of Behavioral Medicine position statement: elementary school-based physical activity supports academic achievement. *Translational Behavioral Medicine*, 4(4): 1-3, 2014.
 9. **Bustamante, E.E.**, Wilbur, J., Marquez, D.X., Fogg, L., Staffileno, B.A., Manning, A.: Physical activity characteristics and depressive symptoms in older Latino adults. *Mental Health and Physical Activity*, 6(2): 69-77, 2013.
 10. Staffileno, B.A., Tangney, C.C., Wilbur, J., Marquez, D.X., Fogg, L., Manning, A., **Bustamante, E.E.**, Morris, M.C.: Dietary approaches to stop hypertension patterns in older Latinos with or at risk for hypertension. *The Journal of Cardiovascular Nursing*, 28(4): 338-347, 2013.
 11. Marquez, D. X., **Bustamante, E. E.**, Kozey, S., Kraemer, J., Jin, J., & Carrion, I.: Physical activity and psychosocial and mental health of older caregivers and non-caregivers. *Geriatric Nursing*, 33(5): 358-65, (2012).
 12. Wilbur, J., Marquez, D.X., Staffileno, B., Fogg, L., Morris, M.C., Wilson, R., **Bustamante, E.E.**, & Flores, J.: The relationship between physical activity and cognition in older Latinos. *The Journals of Gerontology Series B: Psychological Sciences and Social Sciences*, 67(5): 525-34, 2012.
 13. Marquez, D.X., Hoyem, R., Fogg, L., **Bustamante, E.E.**, Staffileno, B., & Wilbur, J.: Physical activity of urban community-dwelling older Latino adults. *Journal of Physical Activity and Health*, 8: S161-S170, 2011.
 14. Marquez, D. X., Neighbors, C.J., & **Bustamante, E. E.**: Leisure time and occupational physical activity among racial/ethnic minorities. *Medicine & Science in Sports & Exercise*. 42(6):1086-1093, 2010.
 15. Marquez, D. X., **Bustamante, E. E.**, Bock, B. C., Markenson, G., Tovar, A., & Chasan-Taber, L.: Perspectives of Latina and non-Latina white women on barriers and facilitators to exercise in pregnancy. *Women & Health*, 49(6-7): 505-521, 2009.
 16. Marquez, D. X., **Bustamante, E. E.**, Blissmer, B. J., & Prohaska, T. R.: Health promotion for successful aging. *American Journal of Lifestyle Medicine*, 3(1): 12-19, 2009

17. Marquez, D. X., **Bustamante, E. E.**, McAuley, E., & Roberts, D.: Active or sedentary? Objectively measured physical activity of Latinos and implications for intervention. *Journal of Physical Activity and Health*, 5: 559-570, 2008.

K2. Book Chapters & Invited Commentaries

1. **Thompson, W.R.** Worldwide Survey of Fitness Trends for 2016: What's Driving the Market. *ACSM's Health & Fitness Journal*. 6(19): 9-18; 2016. Expert comment.
2. **Bustamante, E.E.**, Krafft, C.E., McDowell, J.E., Davis, C.L.: Chapter 21: The Effect of Regular Exercise on Cognition in Special Populations of Children: Overweight and Attention-Deficit Hyperactivity Disorder. In T. McMorris (Ed.), Exercise-Cognition Interaction: Neuroscience Perspectives. New York: Elsevier, 2015.

K3. Published Abstracts

1. **Bustamante, E.E.**, Quindry, J., Hasson, R.E., Keith, N., Ofili, E. (in review): Mentoring Matters: ACSM and National Efforts to Mentor Trainees from Diverse and Underrepresented Backgrounds Effectively. Symposium submitted for presentation at the 2017 American College of Sports Medicine 64th Annual Meeting & Scientific Sessions. Denver, CO. May 30-June 3, 2017.
2. Hasson, R.E., Goldsby, T.U., **Bustamante, E.E.**, Colabianchi, N., Garber, C.E. (in review): Innovation in Childhood Physical Activity Interventions: from Playgrounds to Policy. Symposium submitted for presentation at the 2017 American College of Sports Medicine 64th Annual Meeting & Scientific Sessions. Denver, CO. May 30-June 3, 2017.
3. Marquez, D.X., Ramirez, F.A., Aguiñaga, S., **Butamante, E.E.** (in review): Physical Activity and the Brain: Evidence from At-Risk Populations. Symposium submitted for presentation at the 2017 American College of Sports Medicine 64th Annual Meeting & Scientific Sessions. Denver, CO. May 30-June 3, 2017.
4. **Bustamante, E.E.**, Trionfante, C., Santiago-Rodriguez, M.E., Garcia, D.O., Aguiñaga, S.: From Labs to Communities: Diverse Research Contributions of ACSM's LDTP Participants. Tutorial Lecture presented at the 2016 American College of Sports Medicine 63rd Annual Meeting & Scientific Sessions. Boston, MA. May 31-June 4, 2016.
5. Keith, N.R., Lobelo, F., **Bustamante, E.E.**, Conroy, M.B.: Exercise is Medicine for Underserved Populations: Factors Influencing Implementation. Symposium presented at the 2016 American College of Sports Medicine 63rd Annual Meeting & Scientific Sessions. Boston, MA. May 31-June 4, 2016.
6. Keith, N.R., Hasson, R., Govea, J., **Bustamante, E.E.**: Help Communities Soar toward Physical Activity, Healthy Lifestyles, and Health Equity. Symposium presented at the 2015 American College of Sports Medicine 62nd Annual Meeting & Scientific Sessions. San Diego, CA. May 26-30, 2015.
7. **Bustamante, E.E.**, Davis, C.L., Rusch, D., Frazier, S.L., Fogg, L.F., Marquez, D.X.: Physical Activity, Social Skills, and Problem Behaviors in Children with Behavioral Disorders: A Randomized-Controlled Trial. Presented as part of a thematic poster session at the 2015 American College of Sports Medicine 62nd Annual Meeting & Scientific Sessions. San Diego, CA. May 26-30, 2015.
8. Graves, S., **Bustamante, E.E.**, Brandon, L.J. ACSM's Leadership and Diversity Training Program: Preparing Tomorrow's Leaders. Tutorial lecture at the 2015 Southeastern ACSM Regional Meeting. Jacksonville, FL. February 12-14, 2015

9. **Bustamante, E.E.**, Davis, C.L., Rusch, D., Frazier, S.L., Fogg, L.F., Marquez, D.X.: Physical Activity Improves Internalizing Behavior in Children with ADHD and DBD: A Randomized-Controlled Trial. Oral presentation at the 2015 Southeastern ACSM Regional Meeting. Jacksonville, FL. February 12-14, 2015.
10. **Bustamante, E.E.**, Davis, C.L., Frazier, S.L., Rusch, D., Fogg, L.F., Marquez, D.X. (in review): Impact of an After-school Exercise Program on Academic Performance in Children with ADHD and DBD: A Randomized-Controlled Trial. Poster accepted for presentation at the 2015 Society of Behavioral Medicine 36th Annual Meeting & Scientific Sessions. San Antonio, TX. April 22-25, 2015.
11. Volkl, R. John, D., & **Bustamante, E.E.**: Inhibitory control in overweight/obese children with ADHD and DBD Following an Exercise Intervention. Poster presented at the UIC Student Research Forum. Chicago, IL. April, 2014.
12. Ukeka, I. & **Bustamante, E.E.**: Impact of a Structured After School Program on Academics of Children with ADHD & DBD Living in an Urban Poor Community. Poster presented at the UIC Student Research Forum. Chicago, IL, April, 2014.
13. **Bustamante, E.E.**, Davis, C.L., Frazier, S.L., Fogg, L.F., Atkins, M.S., Hellinson, D.R., & Marquez, D.X.: Impact of a Physical Activity Program on Behavior in Children with ADHD and Disruptive behavior Disorders. Poster presented as part of a thematic poster session at the 2014 American College of Sports Medicine 61st Annual Meeting & Scientific Sessions. Orlando, FL. May 27-31, 2014.
14. **Bustamante, E.E.**, Davis, C.L., Frazier, S.L., Fogg, L.F., Atkins, M.S., Hellison, D.R., & Marquez, D.X.: Impact of a Physical Activity Program on the Cognitive Function of Children with ADHD and Disruptive Behavior Disorders. Poster presented at the 2014 Society of Behavioral Medicine 35th Annual Meeting & Scientific Sessions. Philadelphia, PA. April 23-26, 2014.
15. Davis, C.L., Williams, C., **Bustamante, E.E.**, Waller, J.L.: Effects of Regular Exercise vs. Sedentary After-School Program on Mood and Quality of Life of Overweight Children. Poster presented at the American Psychosomatic Society Annual Meeting. San Francisco, CA. March 12-15, 2014.
16. **Bustamante, E.E.**, Aguiñaga, S., & Bevan, J.: Physical Activity Intervention in Older Latino Adults: Processes, Challenges, and Opportunities. Paper presented as part of a symposium at the Midwest American College of Sports Medicine (MWACSM) Annual Meeting. Oregon, OH. November 1-3, 2012.
17. **Bustamante, E.E.**, Manning, A., Staffileno, B., Fogg, L.F., Wilbur, J., & Marquez, D.X.: Objectively Measured Physical Activity Characteristics and Depressive Symptoms in Older Latino Adults. Poster presented at the American College of Sports Medicine 59th Annual Meeting. San Francisco, CA. May 29-June 2, 2012.
18. Aguiñaga, S., Campa, J., Pinsker, E., **Bustamante, E.E.**, & Marquez, D.X.: Built Environment Influences on Walking in Older Latinos. Poster presented at the Society of Behavioral Medicine 33rd Annual Meeting & Scientific Sessions. New Orleans, LA. April 11-14, 2012.
19. Marquez, D.X., **Bustamante, E.E.**, & Aguiñaga, S.: Development and Pilot Testing of the BAILAMOS© Dance Program and its Impact on Physical and Cognitive Function in Older Latinos. Paper presented as part of symposium at the Gerontological Society of America 64th Annual Scientific Meeting. Boston, MA. November 18-22, 2011.
20. **Bustamante, E.E.** & Marquez, D.X.: Can Physical Activity Improve Academic Performance

- by Increasing Mental Persistence? A Test of Learned Industriousness. Poster presented at the American College of Sports Medicine Conference on Physical Activity, Cognitive Function, and Academic Achievement. Washington, D.C. November 17-18, 2011.
21. Rusch, D., Frazier, S.L., **Bustamante, E.E.**, Suor, J., Reitz, K., Gabel, S., Rojas, G., & Hernandez, F.: Preliminary Findings from Project N.A.F.A.S.I.: Children's Mental Health in Urban After-School Programs. Poster presented at the University of Illinois at Chicago Department of Psychiatry 2nd Annual Research Extravaganza. Chicago, IL. September 15, 2011.
 22. **Bustamante, E.E.**, Aguiñaga, S., Mendez, M., & Marquez, D.X.: Comparison of Physical Activity Characteristics between Four Styles of Latin Dance among Low-Active Older Latinos. Poster presented at the American College of Sports Medicine 58th Annual Meeting. Denver, CO. May 31-June 4, 2011.
 23. Staffileno, B.A., Tangney, C.C., Marquez, D.X., Fogg, L.F., **Bustamante, E.E.**, Morris, M.C., Hoyem, R., Manning, A., & Wilbur, J.: At Risk Older Latino Men and Women: Blood Pressure, Body Mass Index and DASH Accordance. Poster presented at the American Society of Hypertension, Inc. 2011 Annual Scientific Meeting and Exposition. Hilton, NY. May 21-24, 2011.
 24. Marquez, D.X., **Bustamante, E.E.**, Aguiñaga, S., Wilbur, J., & Mendez, M.: Feasibility and Impact of a Latin Dance Program on Physical Activity and Quality of Life among Older Latino Adults. Poster presented at the Society of Behavioral Medicine 31st Annual Meeting & Scientific Sessions. Washington, DC. April 27-30, 2011.
 25. Marquez, D.X., **Bustamante, E.E.**, Aguiñaga, S., Wilbur, J., & Mendez, M.: Creation and Impact of a Latin Dance Program on Self-Reported Physical Activity and Enjoyment among Older Latino Adults. Poster presented at the Gerontological Society of America 63rd Annual Scientific Meeting. New Orleans, LA, November 19-23, 2010.
 26. Wilbur, J.E., Marquez, D.X., Staffileno, B., Fogg, L.F., Morris M.C., Wilson, R., **Bustamante, E.E.**, & Flores, J.: Cognition and Physical Activity in Older Latinos. Poster presented at the annual meeting of the Council for the Advancement of Nursing Science 37th Annual Meeting & Conference. Washington, DC. November 11-13, 2010.
 27. Marquez, D.X., Fogg, L.F, Wilbur, J., & **Bustamante, E.E.**: Gender and Age Differences in Objectively-Measured Physical Activity among Older Latino Adults. Poster presented at the American College of Sports Medicine 57th Annual Meeting. Baltimore, MD. June 1-5, 2010.
 28. Marquez, D.X., Fogg, L.F., Hoyem, R., **Bustamante, E.E.**, Flores, J., Staffileno, B., Morris M.C., Wilson, R., Loera, F., & Wilbur, J.: Gender and Age Differences in Physical Activity among Older Latino Adults. Poster presented at the Society of Behavioral Medicine 31st Annual Meeting & Scientific Sessions. Seattle, WA. April 7-10, 2010.
 29. Marquez, D.X., **Bustamante, E.E.**, Kozey, S., & Kraemer, J.: Physical Activity and Psychosocial Health of Older Caregivers and non-Caregivers. Poster presented at the Society of Behavioral Medicine 30th Annual Meeting & Scientific Sessions. Montreal, Quebec. April 22-25, 2009.
 30. Marquez, D.X., Neighbors, C.J., **Bustamante, E.E.**, & Kraemer, J.: The Impact of Occupational Physical Activity on LTPA Participation among Racial/Ethnic Minorities. Poster presented at the Society of Behavioral Medicine 29th Annual Meeting & Scientific Sessions. San Diego, CA. March 26-29, 2008.
 31. Marquez, D.X., **Bustamante, E.E.**, Roberts, D., & McAuley, E.: Active or Sedentary? Objectively Measured Physical Activity of Latinos and Implications for Intervention. Paper

presented as part of a symposium at the Society of Behavioral Medicine 28th Annual Meeting & Scientific Sessions. Washington, DC. March 21-24, 2007.

K4. Works in Preparation

1. Mehta, T., Frazier, S.L., Bustamante, E.E., Walden, A., Affrunti, N. (in preparation): Promoting Youth Mental Health and Wellness via After-School Activities: An Open Trial of Leaders @ Play 2.0.
2. **Bustamante, E.E.**, Frazier, S.L., Mehta, T., Walden, A., Affrunti, N. (in preparation): After-School Program Utilization among Children with Behavioral Disorders Living in an Urban Center.
3. **Bustamante, E.E.**, Davis, C.L., Frazier, S.L., Santiago-Rodriguez, M.E., Rusch, D., Fogg, L., Atkins, M.S., Marquez, D.X.: Impact of an After-School Exercise Program on Academic Outcomes among children ADHD and Disruptive Behavior Disorders: A Randomized Controlled Trial.
4. **Bustamante, E.E.** & Santiago-Rodriguez, M.E. (in preparation): The Influence of Health Behaviors on Neurocognitive, Behavioral, and Academic Functioning in Children with ADHD: A Systematic Review and Meta-Analysis.
5. **Bustamante, E.E.**, Hilgenkamp, T.I., Tussing-Humphries, L., Burton, L. (in preparation): Diet, Sleep, Screen Time, Physical Activity, and Attention Deficit Hyperactivity Disorder in U.S. Children.
6. **Bustamante, E.E.**, Coleman, N., Conroy, M.B., Fordyce, C., Garrison, L., Goldsby, T., Hasson, R., Hooker, S., Marquez, D.X., Vermeesch, A. (in preparation): Exercise is Medicine for Underserved Populations: Factors Influencing Implementation.
7. **Bustamante, E.E.**, Frazier, S.L., Tomporowski, P., Hasson, R., Atkins, M. (in preparation): Embracing Physical Activity as Space to Optimize Intervention Impact & Dissemination.