

Sofiya Alhassan, Ph.D.
Curriculum Vitae

University of Massachusetts
Department of Kinesiology
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Amherst, MA 01003
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EDUCATION

- 2004 – 2007 Postdoctoral Research Fellow
Stanford Prevention Research Center
Stanford University School of Medicine, Stanford, CA
Area of Concentration: Pediatric Obesity & Cardiovascular Disease Prevention
- 2000 – 2004 Doctor of Philosophy, Exercise Physiology
Auburn University, Auburn, AL
Area of Concentration: Lipid Metabolism
- 1997 – 2000 Master of Science, Exercise Physiology
Auburn University, Auburn, AL
Area of Concentration: Lipid Metabolism
- 1992 – 1996 Bachelor of Science
Stetson University, DeLand, FL
Area of Concentration: Exercise Science & Psychology

RESEARCH AND PROFESSIONAL EXPERIENCE

- 2007 – Present Assistant Professor, Department of Kinesiology, School of Public Health and Health Sciences, University of Massachusetts, Amherst, MA
- 2006: Fellow, Physical Activity and Public Health Course, Sponsored by the Centers for Disease Control and Prevention and University of South Carolina Prevention Research Center, Park City, UT.
- 2006: Fellow, Summer Institute on the Design and Conduct of Randomized Clinical Trials Involving Behavioral Interventions, Office of Behavioral and Social Sciences Research (OBSSR), National Institutes of Health (NIH), Arlie, VA.

- 2005: Fellow, 31st Ten-Day Seminar on the Epidemiology & Prevention of Cardiovascular Disease, American Heart Association (AHA), Tahoe City, CA.
- 2004 – 2006: Data collector, Girls health Enrichment Multi-site Studies (GEMS), Stanford Prevention Research Center, Stanford, CA
- 1999 – 2001: Assistant Graduate Office Coordinator, Department of Health & Human Performance, Auburn University, Auburn, AL
- 1997 – 2004: Research Assistant, Department of Health & Human Performance, Auburn University, Auburn, AL
- 1997 – 2004: Teaching Assistant, Department of Health & Human Performance, Auburn University, Auburn, AL

HONORS and AWARDS:

- 1997 & 1998: Outstanding Minority Graduate Student Award
- 2001 & 2002: Auburn University Travel Grant Award
- 2001-2003: President's Graduate Opportunities (Fellowship) Program
- 2005: Center for Disease Control Travel Grant
Health & Human Performance Outstanding Graduate Student
- 2008-Present: University of Massachusetts, Amherst Chancellor Junior Faculty Fellowship Program
- 2010: American College of Sports Medicine: Leadership and Diversity Training Program

RESEARCH GRANTS

Active Grants

- | | | |
|---|----------------|-------------------------|
| NIH-NIDDK K01 | (Alhassan, PI) | 12/01/2010 – 11/30/2014 |
| Mothers and Girls dancing together Trial (Magnet Trial) | | \$448,782 |
| To examine the feasibility of a 12-week randomized control daughter-mother afterschool afro-centric dance physical activity intervention and explore its impact on the physical levels of African-American girls. | | |
| Role: PI | | |
| Robert Wood Johnson Foundation | (Alhassan, PI) | 01/15/11 – 11/14/13 |
| Short Bouts of Exercise for Preschoolers | | \$174,974 |
| To examine the effects of short bouts of structured physical activity incorporated into the academic classroom on preschoolers' total daily physical activity. | | |
| Role: PI | | |

NIH-NHLBI (Spencer, PI) 07/01/2012 – 06/30/2017
Benefit of naps on cognitive, emotional and motor learning in preschoolers \$2,017,722
To examine the benefits of naps on cognitive, emotional and motor learning in preschoolers
Role: Faculty collaborator

Completed Research Support

5 T 32 HL07034-29 (Fortmann, PI) 09/1/04 – 08/31/07
NIH-NHLBI
Cardiovascular Disease Prevention Training Program
Role: Postdoctoral Research Fellow/Trainee

NIH Loan Repayment Program for National Center on Minority Health and Health Disparities
NCMDH 08/1/05 – 08/31/07
Role: Awardee/Recipient

Faculty Research Grant (Alhassan, PI) 12/1/07 – 11/30/08
University of Massachusetts \$26,716
To examine the effects of additional outdoor structured physical activity program on total daily physical activity in preschool-age children
Role: PI

Boston Children's Hospital (Freedson, PI) 5/1/08 – 8/31/09
Contract \$82,646 (5% summary salary)
To examine the effect of a 100 kcal/day recess based activity intervention to reduce weight gain in 2nd and 3rd grade children
Role: Co-PI

Robert Wood Johnson Foundation (Alhassan, PI) 5/01/09-12/31/10
Active Living Research \$50,000
To examine the effects of classroom-teacher taught skill-based outdoor playtime physical activity program on overall daily physical activity levels of low socioeconomic status preschool-aged children
Role: PI

3RO1CA121005-03S1 (Freedson, PI; Alhassan, PI) 6/13/08 -6/12/11
NIH \$280,937
Research Supplement to Promote Diversity in Health Related Research. Parent Grant: R01 CA121005-01A1, P. Freedson (PI)
To develop neural network system to identify physical activities and estimate activity energy expenditure in children and adolescents
Role: PI

Unfunded Grants

William T. Grant Foundation (Alhassan, PI) 07/01/11 – 06/30/16
Scholars Program \$350,000
To examine the utilization of a culturally-tailored ethnic dance program on the mother-daughter relationship in African-American and Hispanic/Mexican-American girls and its impact on their physical activity levels
Role: PI

PUBLICATIONS

Journal Articles: Peer-reviewed publications

- Alhassan, S.**, Reese, K.A., Mahurin, J., Plaisance, E.P., Hilson, B.D., Garner, J.C., Wee, S.O., Grandjean, P.W. Blood lipid responses to plant stanol ester supplementation and aerobic exercise training. *Metabolism*, 2006, 55: 541-549.
- Mestek, M.L., Garner, J.C., Plaisance, E.P., Hilson, B.D., **Alhassan, S.**, Taylor, J.K., Wee, S.O., & Grandjean, P.W. Blood lipid responses after continuous & accumulated aerobic exercise. *International Journal of Sport Nutrition & Exercise Metabolism*, 2006, 16 (3): 245-254.
- Gardner, C., Kiazand, A., **Alhassan, S.**, Kim, S., Stafford, R., Balise, R., Kraemer, H., & King, A. Comparison of the Atkins, Zone, Ornish and LEARN diets for change in weight and related risk factors among overweight premenopausal women. The A To Z weight loss Study: A randomized trial. *JAMA*, 2007, 297 (9): 969-977.
- Plaisance, E.P., Taylor, J.K., **Alhassan, S.**, Abebe, A., Mestek, M.L., & Grandjean, P.W. Cardiovascular fitness and vascular inflammatory markers after acute aerobic exercise. *International Journal of Sport Nutrition & Exercise Metabolism*, 2007, 17: 152-162.
- Alhassan, S.**, Sirard, J., & Robinson, T. The effects of increasing outdoor playtime on physical activity in Latino preschool children. *International Journal of Pediatric obesity*, 2007, 2: 153-158.
- Alhassan, S.**, Kiazand, A., Balise, R., King, A., Reaven, G., & Gardner, C. Metabolic Syndrome: Do clinical criteria identify similar individuals among overweight premenopausal women? *Metabolism*, 2008, 57:49-56.
- Alhassan, S.**, Sirard, J., Spencer, T., Varady, A., & Robinson, T. Estimating physical activity from incomplete accelerometer data in field studies. *Journal of Physical Activity & Health*, 2008, 5 (Suppl 1): s112-s125.
- Alhassan, S.**, Kim, S., Bersamin, A., King, A., & Gardner, C. Dietary adherence and weight loss success among overweight women: Results from the A TO Z weight loss study *International Journal of Obesity*, 2008, 1-7.
- Santo, A.S., Cunningham, A.M., **Alhassan, S.**, Browne, R.W., Burton, H., Leddy, J.J., Grandjean, P.W., Horvath, S.M., & Horvath, P.J. NMR analysis does not increase sensitivity to the effect of soy protein on CVD risk when compared to the traditional lipid profile. *Applied Physiology, Nutrition and Metabolism*, 2008, 33 (3): 489-500.
- Sirard, J.R., **Alhassan, S.**, Spencer, T.R., & Robinson, T.N. Changes in physical activity from walking to school. *Journal of Nutrition Education and Behavior*, 2008, 40 (5): 324-326.

- Alhassan, S.** & Robinson, TN. Objectively measured physical activity and cardiovascular disease risk factors in African-American girls. *Ethnicity & Disease*, 2008 Autumn; 18(4):421-426.
- Alhassan, S.** & Robinson, TN. Defining accelerometer thresholds for physical activity in girls using ROC analysis. *Journal of Physical Activity and Health*, 2010: 7(1): 45-53.
- Robinson, TN., Matheson, DM., Kraemer, HC., Wilson, DM., Obarzanek, E., Thompson, NS., **Alhassan, S.** Spencer, TR., Haydel, KF., Fujimoto, M., Varady, A., Killen, JD. A Randomized controlled trial of culturally-tailored dance and reducing screen time to prevent weight gain in low-income African-American girls: Stanford GEMS. *Archives of Pediatrics & Adolescent Medicine*, 2010:164(11):995-1004.
- Howe, C.A., Freedson, P.S., **Alhassan, S.**, Feldman, H., Osganian S.K. A recess intervention to promote moderate-to-vigorous physical activity. *Pediatric Obesity*, 2012:7(1):82-88.
- Alhassan, S.**, Nwaokemeleh, O, Ghazarian, M., Roberts, J., Mendoza, A., & Shitole, S. Effect of locomotor-base physical activity program on minority preschoolers physical activity level. *Pediatric Exercise Science*, 2012:24:435-449.
- Alhassan, S.**, Nwaokemeleh, O., Mendoza, A., Shitole, S., Whitt-Glover, MC, & Yancey, AK. Design and baseline characteristics of the Short bouts of Exercise for Preschoolers (STEP) study. *BMC Public Health*, 2012:12:582-591.
- Alhassan, S.**, Lyden, K., Howe, C., Kozey, SL., Nwaokemeleh, O., & Freedson, PS. Accuracy of accelerometer regression models in predicting physical activity energy expenditure and METs in children. *Pediatric Exercise Science (In Press)*.
- Alhassan, S.**, Nwaokemeleh, O., Goldsby, . Lyden, K., & Mendoza, A. The effects of additional structured outdoor playtime on preschoolers physical activity level. *Child Care in Practice (In Press)*
- Lyden, K., Keadle, S., Staudenmayer, J., Freedson, P., **Alhassan, S.** Energy cost of common activities in children and adolescents. *Journal of Physical Activity & Health*, 2012 (In Press).

Published Abstracts

- Grandjean, P.W., **Alhassan, S.**, Taylor, J., & Goodlett, M. Blood lipid responses to daily exercise in hyperlipidemic men. ACSM, Baltimore, MD. *Medicine and Science in Sports and Exercise*, 2001, 33 (Supplement 5): S215.
- Alhassan, S.**, Grandjean, P.W., Taylor, K., Barksdale, J., & M. Goodlett. Blood lipid responses to a single bout of exercise in African-American women. *Medicine and Science in Sports and Exercise*, 2001, 33 (Supplement 5): S229.
- Grandjean, P.W., **Alhassan, S.**, & Goodlett, M. Post-heparin lipase activity responses to daily exercise in hyperlipidemic men. *Medicine and Science in Sports and Exercise*, 2002, 34 (Supplement 5): S21.
- Alhassan, S.**, Grandjean, P.W., & Goodlett, M. Post-heparin lipase responses to a single bout of exercise in African-American women. *Medicine and Science in Sports and Exercise*, 2002, 34 (Supplement 5): S49.
- Grandjean, P.W., Grandjean, A.B., **Alhassan, S.**, Plaisance, E.P., Reese, K.A., Hilson, B.D., Garner, J.C., & Wee, S.O. The influence of fitness status on cardiorespiratory responses to

- continuously graded & ramped treadmill protocols. *Medicine and Science in Sports and Exercise*, 2004, 36 (Supplement 5): S114.
- Kushnick, M., Bodin, W., Tackett, J., Kingsley, D., **Alhassan, S.**, Plaisance, E., & P.W. Grandjean. LDL particle size and distribution in white and black untrained men following acute treadmill walking. *Medicine and Science in Sports and Exercise*, 2004, 36 (Supplement 5): S143.
- Clark, S.J, Wooten, J.S, **Alhassan, S.**, Plaisance, E.P., Ben-Ezra, V., Taylor, K., Biggerstaff, K.D., & Grandjean, P.W. Acute insulin responses following exercise and relationships to lipid changes. *Medicine and Science in Sports and Exercise*, 2004, 36 (Supplement 5): S20.
- Biggerstaff, K.D, Clark, S.J, Wooten, J.S., **Alhassan, S.**, Plaisance, E.P, Ben-Ezra, V., Taylor, K., & Grandjean, P.W. Acute insulin response following exercise and relationship to lipid changes in sedentary African-American women. *Medicine and Science in Sports and Exercise*, 2004, 36 (Supplement 5): S19.
- Santo, A.S., **Alhassan, S.**, Grandjean, P., Browne, R.W., Burton, H., Horvath, S.M., Leddy, J.J., Melton, R.A., Hung, M.W. and Horvath, P.J. Isoflavone-rich soy protein reduced hepatic lipase activity in sedentary males. *The Federation of American Societies for Experimental Biology Journal*, 2005, 19 (Supplement 5): 1000A.
- Garner, J.C., Mestek, M.L. Plaisance, E.P., Hilson, B.D., **Alhassan, S.**, Taylor, J.K., Wee, S.O., & Grandjean, P.W. Blood lipid responses after continuous & accumulated aerobic exercise. *Medicine and Science in Sports and Exercise*, 2005, 37 (Supplement 5): S380.
- Hilson, B., Plaisance, E.P., **Alhassan, S.**, Garner, J.C., Mestek, M.L., Taylor, J.K., & Grandjean, P.W. The influence of cardiorespiratory fitness on acute blood lipid and lipoprotein responses to aerobic exercise. *Medicine and Science in Sports and Exercise*, 2006, 38(5): S482.

Manuscripts Under Review:

- Whitt-Glover, MC., Heil, DP., Ham, SA., Gizlice, Z., Hornbuckle, LM., Ainsworth, BE., **Alhassan, S.**, Yancey, AK. A Calibration Method to Improve Criterion Validity of Self-Reported Physical. (*Journal of Physical Activity and Health*)

Book Chapters:

- Grandjean, P.W. & **Alhassan, S.** (2005). Essential *Laboratory Methods for Blood Lipid and Lipoprotein Analysis* in Lipid Metabolism and Health, p.85-145.
- Barr-Anderson D, Alhassan S. Physical activity and media Use. In: Creasy GL, Jarvis PA (eds.). *Adolescent Development and School Achievement in Urban Communities: Resilience in the Neighborhood*. Taylor & Francis/Routledge: New York, New York 2013; 127-139.

Manuscripts in Progress

- Alhassan, S.**, Lyden, K., Howe, C., Kozey, SL., Nwaokelemeh, O., Staudenmayer, J., & Freedson, PS. Artificial neural network algorithms for predicting METs and activity type in children and youth.

- Alhassan, S.**, Nwaokelemeh, O., Mendoza, A., Shitole, S., Stoops, H., Whitt-Glover, MC., Yancey, AK. Effects of short bouts of physical activity in preschoolers.
- Alhassan, S.**, Nwaokelemeh, O., Mendoza, A., Shitole, S., Stoops, H., Whitt-Glover, MC., Barr-Anderson. African-American girls and their mothers perception of a physical activity intervention.
- Roberts, J., Nwaokelemeh, O., Davidson, M., & **Alhassan, S.** Behavioral effects of increased physical activity in preschool-age children at increased risk for attention deficit hyperactivity disorder.

Invited Presentations

- 2006 *Physical activity to prevent childhood obesity.* University of Massachusetts, Amherst. Department of Kinesiology. Graduate Seminar.
- 2007 *Physical activity and childhood obesity.* Mid-Atlantic Regional Chapter of American College of Sports Medicine. Harrisburg, PA.
- 2007 *Physical activity interventions in the prevention and treatment of childhood obesity.* University of Massachusetts, Amherst. Commonwealth College.
- 2007 *Childhood Obesity.* University of Massachusetts, Amherst. Biology Department. BioTap Seminar.
- 2008 *Physical activity in preschool-age children.* Hadely Elementary School, Hadley, MA
- 2008 & 2009 *How to get our children active.* University of Massachusetts, Amherst. Dinner on Us Series.
- 2010 *Gross Motor Activities: Why is it important.* Preschool centers in Springfield, MA (Kid's Place Inc., Square One, Giggle Gardens Inc.)
- 2011 *Physical Activity: The Role of the Teacher and the School.* Gateway Regional High School, Huntington, MA
- 2011 *Teachers Can a Difference in Children's Gross Motor Skills: How to incorporate Locomotor Skills into Daily Lesson Plans.* Preschool centers in Springfield, MA (New North Citizen Preschool and The Children House_Wilbraham)
- 2012 African-American Girls and Mother's Dancing to Improve Health – Using a New Research Paradigm. Springfield Department of Public Health, Community Workers Engagement Workshop.

Conference Presentations

- Jackson, E.M., **Alhassan, S.**, Grandjean, P.W. (2005). *Lifestyle changes in the management of blood lipids among middle-aged men and women in the US.* Presented at the Annual Meeting of American Public Health Association, Philadelphia, PA.
- Alhassan, S.**, Reese, K.A., Plaisance, E.P., Hilson, B.D., Garner, J.C., Wee, S.O., & Grandjean, P.W. (2005). *Effects of dietary plant stanol ester margarine and aerobic exercise training on blood lipid concentrations.* Presented at the Annual Meeting of American College of Sports Medicine, Nashville, TN.

- Alhassan, S.** (2006) *Metabolic Syndrome: Does definition determine prevalence*. Presented at Stanford Prevention Research Center, Stanford Medical School, Wednesday Seminar Series.
- Alhassan, S.,** King, A., Oliveira, B., Gardner, C.D. (2006). *Behavioral characteristics of successful weight losers*. Presented at the Annual Meeting of the Society of Behavioral Medicine, San Francisco, CA.
- Gardner, C.D., Soowon, K., Morris, J.L., **Alhassan, S.,** Kiazand, A., Balise, R.R., King, A.C. (2006). *Modest 1-year changes in weight and percent body fat among overweight women assigned to Atkins, Zone, Ornish or LEARN diets*. Presented at Annual Meeting of the Society of Behavioral Medicine, San Francisco, CA.
- Gardner, C.D., Morris, J.L., Kim, S., Kiazand, A., **Alhassan, S.,** King, A. (2006). *Modest 1-year changes in weight and percent body fat among overweight premenopausal women assigned to Atkins, Zone, Ornish, or LEARN diets: A randomized clinical trial*. Presented at the Annual Meeting of the American Heart Association, Phoenix, AZ.
- Alhassan, S.,** Kiazand, A., Balise, R., King, A., Reaven, G., & Gardner, C. *Metabolic Syndrome: Do clinical criteria identify similar individuals among overweight premenopausal women*. Presented at the American Heart Association Annual Scientific Session, Chicago, IL.
- Alhassan, S.,** Sirard, J., Spencer, T., Varady, A., & Robinson, T. (2007). *Estimating physical activity from incomplete accelerometer data in field studies*. Presented at the Annual Meeting of American College of Sports Medicine, New Orleans, LA.
- Alhassan, S.** (2008). *Promoting physical activity in African-American girls*. Presented at the Annual Meeting of American College of Sports Medicine, Indianapolis, IN.
- Alhassan, S. &** Robinson, TN (2008). *Defining accelerometer thresholds for physical activity in girls using ROC analysis*. Presented at the Annual Meeting of The Obesity Society, Phoenix, AZ.
- Alhassan, S. &** Robinson, TN (2009). *Objectively measured physical activity and psychosocial factors in African-American girls*. Presented at the Annual Meeting of International Society of Behavioral Nutrition and Physical Activity, Lisbon, Portugal.
- Alhassan, S.** (2009). *Square One classroom teacher taught skill-base physical activity Program on preschoolers physical activity levels: Design and Baseline*. Presented at the Annual Meeting of Active Living Research, San Diego, CA.
- Alhassan, S.** Howe, CA., Kozey, S., Lyden, K., Nwaokelemeh, O., Freedson, P. (2010) *Regression models are not accurate in predicting physical activity energy expenditure and METs in children and youth*. Presented at the International Society of Behavioral Nutrition and Physical Activity, Minneapolis, MI .
- Nwaokelemeh, N., Lyden, K., Goldsby, T., **Alhassan, S.** (2010) *Additional structured outdoor playtime on preschoolers' physical activity levels*. Presented at the Annual Meeting of American College of Sports Medicine, Baltimore, MD.
- Lyden, K., Kozey, S., Staudenmayer, J., **Alhassan, S.** Freedson, PS. (2010) *Energy cost of common activities in children and adolescents*. Presented at the 3rd International Congress on Physical Activity and Public Health, Toronto, Canada
- Howe, CA., Freedson' PS., Jones' BL., **Alhassan, S.,** Feldman, HA., Osganian, SK. (2010) *The effects of a daily 100-kcal structured recess program on total daily moderate-to-vigorous physical activity*. Presented at the 3rd International Congress on Physical Activity and Public Health, Toronto, Canada
- Alhassan, S.** (2011) *Short bouts of exercise for preschools*. Presented at Annual Meeting of Active Living Research, San Diego, CA.

- Alhassan, S.,** Nwaokelemeh, O, Ghazarian, M., & Roberts, J. (2011) *Effect of locomotor skill program on minority preschoolers physical activity level.* Presented at the International Society of Behavioral Nutrition and Physical Activity, Melbourne, Australia.
- Alhassan, S.,** Whitt-Glover, M., Ward, D. (2011) *How to build and maintain a mentoring team.* Presented at the Annual Meeting of American College of Sports Medicine, Denver, CO.
- Alhassan, S.** (2012) *African-American girls and mother's dancing together trail (MAGNET Study) – Using the AACORN research paradigm.* Presented at the International Society of Behavioral Nutrition and Physical Activity, Austin, TX.
- Alhassan, S.** (2012) *Exercise is Medicine for Underserved Inner City Populations: Challenges and Opportunities.* Presented at American College of Sports Medicine, San Francisco, CA.
- Mendoza, A, Nwaokelemeh, O., Roberts, J., Ghazarians, M., Shitole, S., **Alhassan, S.** (2012) Association between objectively-measured physical activity and locomotor movement skills subcategories in minority preschoolers. Presented at American College of Sports Medicine, San Francisco, CA.
- Nwaokelemeh, O., Roberts, J., Ghazarians, M., Mendoza, A, Shitole, S., **Alhassan, S.** (2012) Effects of a locomotor-based physical activity intervention on attention deficit hyperactivity disorder symptomatology in preschoolers. Presented at American College of Sports Medicine, San Francisco, CA.

TEACHING

University of Massachusetts, Amherst

2007	KIN 350	Statistics in Kinesiology
2007 – Present	KIN697E	Physical Activity and Health Journal
2008 – Present	KIN 397S	Clinical and Public Health Implications of Obesity
2012	KIN 697PP	Community-base Pediatric Physical Activity Interventions

Auburn University

1999 – 2004	Instructor: Weight Control and Wellness
1997 – 2004	Instructor: Physical Education Classes
2002 – 2003	Graduate Teaching Assistant: Health Promotion

THESIS AND DISSERTATION COMMITTEES

Chair of Committee, Department of Kinesiology

Doctoral

2008 – Present	, PhD Candidate
2011 – Present	Albert Mendoza, PhD Student

Member of Committee, Department of Kinesiology

Doctoral

2007 – 2009 Cheryl Howe, PhD Candidate, “A-Kids: Activity Kcal Intervention Daily Study Effects of 100-kcal Daily Energy Expenditure on Total Moderate-to-Vigorous Physical Activity in 3rd Grade Children”

Master’s

2007 – 2008 Sarah Kozey, MS Candidate, “Errors In MET Estimates Of Physical Activities Using 3.5 ml/kg/min As The Baseline Oxygen Consumption”

2007 – 2008 Bryce Jones, MS Candidate,

2008 – 2009 Gabrielle Papineau, MS Candidate, “Physical Activity and Bariatric Surgery”

2008 – 2009 TaShauna Goldsby, MS Candidate, “Validation of the 1R and 2R Regression Models to Predict Activity Energy Expenditure Using the Actical Accelerometer”

Member of Committee, Other Departments

Master’s

2009 – 2010 Jasmin Roberts, MS Candidate, “The Behavioral Effects of Increased Physical Activity in Children at Increased Risk for Attention Deficit Hyperactivity Disorder”

Undergraduate Students Honor’s Thesis

2008-2009 Ashley Donahue, Commonwealth College, Honors Capstone Thesis. “Physical Activity and Classroom Behavior in Preschool-Age Children”

2009-2010 Dani Stallan, Commonwealth College, Honors Capstone Thesis. “Locomotor Skills and Physical Activity Levels of Preschool-Age Children”

2010-2011 Lauren Fallon, Commonwealth College, Honors Capstone Thesis. “The Relationship between Parental Physical Activity Levels and Minority Preschool-aged Children’s Physical Activity Levels”

2010-2011 Matthew Hislop, Commonwealth College, Honors Capstone Thesis. “The Impact of Gender on Minority Preschool-age Children’s Physical Activity Levels”

2010-2011 Noelle Chiavetta, Commonwealth College, Honors Capstone Thesis. “The Relationship between Parenting Style and Minority Preschool-age Children Physical Activity Levels”

2011-2012 Hannah Moverman, Commonwealth College, Honors Capstone Thesis. “Preschool Physical Activity Policy and Preschooler Physical Activity Level”

2011-2012 Hannah Stoops, Commonwealth College, Honors Capstone Thesis. “The Association Between Parental Physical Activity Level and Preschool-age Children’s Activity Behavior”

2011-2012 Kristen McLoughin, Commonwealth College, Honors Capstone Thesis. “Does Gender Impact Physical Activity Level in Preschool-age Children?”

SERVICE

Department of Kinesiology

2007-Present Member, Personnel Committee
2008-2009 Member, Search Committee for Faculty Position
2010 Member, Search Committee for Faculty Position
Member, Search Committee for Instructor Position
2012 Chair, Departmental Qualify Exam Committee

School of Public Health and Health Sciences Service

2009-Present Member, Springfield-Holyoke Health Alliance for Research and Engagement
2010-2011 Member, Search Committee for Faculty Position, Division of Biostatistics & Epidemiology
2011-2012 Member, Search Committee for Faculty Position, Environmental Health Science
2012-Present Member, Diversity Committee

University of Massachusetts Amherst Service

2008 – present Mentor for the Northeast Alliance for Graduate Education and the Professoriate (NEAGEP) Program
Mentor for underrepresented minority students through the NEA Summer Program for Undergraduate Research (SPUR) program
Chancellor Junior Faculty Fellowship Program
2011-2012 Member, Search Committee for Director of Community Research Engagement Position, Commonwealth Honors College

Service to the Community

- Presentation to various branches of the Springfield Health & Human Services Department on issues relating to child health
- Providing in-school service training for several preschool centers on the following topic
 - Pediatric obesity
 - Physical activity programing
 - Ways to incorporate physical activity and locomotor into the academic classroom
- Working with after-school programs to evaluate impact of physical activity program

Service to the Profession

2005-2010 Member, American College of Sport Medicine, Healthy Airport Travel
2005-2011 Member, American College of Sport Medicine, Strategic Health Initiatives for Women, Sport & Physical Activity

- 2007-2011 Co-Chair / Chair, American College of Sport Medicine, Minority Health and Research Special Interest Group (Co-Chair, 2007 – 2009, Chair, 2009 – 2001)
- 2009-2010 Member, Planning Committee, NIH: NIDDK - Network of Minority Research Investigators (NMRI)
Member, Planning Committee, Robert Wood Johnson: Active Living Research – Grantee Conference
- 2010-Present Member, American College of Sport Medicine, Constitution, Bylaws and Operating Codes Committee

Member, American College of Sport Medicine, Exercise is Medicine: Underserved Populations Committee
- 2011-Present Member, American College of Sport Medicine, Research Awards Committee

Research Proposal Reviewer (Ad hoc)

- 2009 Root Cause's Social Innovation Forum: Fitness and Healthy Eating Track
- 2010 Robert Wood Johnson: Active Living Research – Dissertation Proposal
- 2011 National Research Foundation – Grant Proposal

Reviewer of Manuscripts (Ad hoc)

American Journal of Clinical Nutrition
American Journal of Preventive Medicine
Archives of Pediatrics & Adolescent Medicine
Diabetes Care
Ethnicity and Disease
Journal of Physical Activity and Health
Medicine Science in Sports & Exercise
Metabolism Clinical & Experimental
Social Science Medicine

Memberships in Professional Societies

- 1997 – Present American College of Sport Medicine
- 2005 – Present American Heart Association
- 2008 – Present Society of Behavioral Medicine
- 2008 – Present The Obesity Society
- 2009 – Present International Society of Behavioral Nutrition and Physical Activity
- 2009 – Present NIH:NIDDK - Network of Minority Research Investigators (NMRI)
- 2010 – Present African-American Collaborative Research Network