

## **CURRICULUM VITAE**

### **Dianne Stanton Ward, Ed.D**

#### **PERSONAL INFORMATION**

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#### **EDUCATION**

1979 **Ed.D.**, Physical Education, University of North Carolina-Greensboro, Greensboro, North Carolina  
1971 **M.S.**, Physical Education, University of North Carolina-Greensboro, Greensboro, North Carolina  
1968 **B.S.**, Physical Education, Coker College, Hartsville, South Carolina

#### **POST-DOCTORAL TRAINING**

1989-1990 Department of Physiology, University of South Carolina Medical School  
1985-1986 Children's Exercise and Nutrition Centre, Department of Pediatrics, McMaster University

#### **Memberships Held in Professional Organizations**

American College of Sports Medicine (ACSM), Fellow  
Association of Nutrition Science (ASN)  
Southeast American College of Sports Medicine (SEACSM)  
North American Society for Pediatric Exercise Medicine (NASPEM)  
Society of Behavioral Medicine (SBM)  
The Obesity Society (TOS), Fellow

#### **Professional Experience**

##### *Academic Positions*

1998 - Professor, Department of Nutrition, Schools of Public Health and Medicine, University of North Carolina at Chapel Hill  
1999-2011 Adjunct Professor, Department of Exercise Science, Arnold School of Public Health, University of South Carolina, Columbia SC  
2001 - Fellow, Center for Health Promotion and Disease Prevention, UNC  
2005 - Fellow, Highway Safety Research Center, UNC  
2008 - Mentor Faculty, Center for Developmental Science, UNC

2008 - Fellow, Lineberger Comprehensive Cancer Center, UNC  
2004-2009 Director, Intervention and Policy Division, Department of Nutrition, UNC  
2002-2004 Associate Department Chair, Department of Nutrition, UNC  
1998-2001 Associate Dean for Administration, School of Public Health, UNC  
1997-1998 Interim Dean, School of Public Health, University of South Carolina (USC)  
1995-1998 Director, Public Health Practice, USC  
1995-1998 Professor, Department of Exercise Science, USC  
1975-1989 Assistant, Assoc. Professor, Department of Exercise Science, USC  
1994-1998 Associate Dean, School of Public Health, USC  
1995-1998 Adjunct Professor, Dept. of Pediatrics, School of Medicine, USC  
1985-1986 Visiting Associate Professor, Department of Pediatrics, Children's Exercise and Nutrition Center, McMaster University, Hamilton, Ontario, Canada  
1982-1985 Graduate Director, Department of Physical Education, University of South Carolina  
1980-1982 Undergraduate Director, Department of Physical Education, University of South Carolina  
1980-1998 Director, Goodbodies Program, A Family-Centered Program for Weight Management of Children and Teenagers, University of South Carolina  
1973-1974 Acting Department Chairperson, Department of Physical Education, Coker College, Hartsville, SC  
1969-1975 Assistant Professor, Coker College, Hartsville, SC  
1969-1972 Instructor, Coker College, Hartsville, SC  
1968-1969 Teacher & Chairperson of Physical Education, Florence School District #1, Florence, SC

***Selected Responsibilities or Office Held***

2015-2016 EIM Pediatric Committee member  
2014-2016 Board of Directors, ICAMPAM  
2010-2015 Board of Directors, North American Society for Pediatric Exercise Medicine  
2007-2010 Board of Trustees, ACSM  
2002-2005 Credentials Committee, ACSM  
2002, 2003 Grant reviewer, AAHPERD Annual meeting abstracts  
1997-2002 Board of Directors, NASPEM  
1998 SEACSM, President  
1997 SEACSM, President Elect  
1998-2002 North American Society for Pediatric Exercise Medicine, Board of Directors  
1996-1999 Strategic Health Initiatives - Pediatric Exercise, ACSM

- 1996 Reviewer, AAHPERD Annual meeting abstracts
- 1993-1996 Membership Committee, ACSM
- 1993 Chairperson, Honors and Awards Committee, South Carolina Association for Health, Physical Education, Recreation, and Dance (SCAHPERD)
- 1991-1992 Member, Honors and Awards Committee, South Carolina Association for Health, Physical Education, Recreation, and Dance (SCAHPERD)
- 1991-1995 Healthy People 2000 ACSM State Coordinator
- 1990-1991 Chairperson, Visiting Scholar Committee, SEACSM
- 1990 Newsletter Coordinator, Southeast American College of Sports Medicine
- 1989-1992 Reviewer, ACSM Annual meeting abstracts
- 1989-1993 Reviewer, SEACSM Annual meeting abstracts
- 1987-1990 Executive Board Member, Southeast Chapter of ACSM (SEACSM)
- 1977-1979 President, Coker College Alumni Association
- 1975-1977 President, South Carolina Association of Intercollegiate Athletics for Women
- 1974-1976 Chairperson, Legislative Committee, SCAHPERD
- 1972-1974 President, SCAHPERD

### **Consultation, Scientific Panels, and Boards**

#### ***NIH Study Section***

- 2016- NIH Study Section, Community-Level Health Promotion (CLHP) Study Section, Chartered Member
- 2014 NIH Special Emphasis Panel: ZCA1 SRLB-B (O1) SIH Study Section, ZRG1 Limited Competition: Comprehensive Partnerships to Advance Cancer Health Equity (CPACHE) (U54), (May & October)
- 2014 NIH Member Conflict: Behavioral Interventions, Obesity, and Health Outcomes, RPHB-S 02 (March & October)
- 2013 NIH Study Section, Special Emphasis Panel: ZCA1 SRLB-B (O1), Small Grants for Behavioral Research in Cancer Control
- 2012 NIH Study Section, Special Emphasis Panel: ZCA1 SRLB-B (O1), Small Grants for Behavioral Research in Cancer Control
- 2006 - 2010 NIH Study Section, Community Influences on Health Behavior, Health of the Public Integrated Review Group. Chartered Member.
- 2009 NIH Study Section. NHLBI. Targeted Approaches to Weight Control for Young Adults (U01). Special Emphasis Review Panel, April 7, 2009.
- 2005 NIH Study Section, Community Influences on Health Behavior, Health of the Public Integrated Review Group. Invited reviewer, October 20-21, 2005.
- 2005 NIH Study Section, NICHD, Special Review Panel. Prevention and Treatment of Childhood Obesity in the Clinical Setting, April

- 2004 NIH Study Section, Community Influences on Health Behavior, Health of the Public Integrated Review Group. Invited reviewer, June
- 2004 NIH Study Section, NIDDK, Special Review Panel. Mechanisms of Physical Activity Behavior Change. March
- 2003 NIH Study Section, Special Review Panel. NIDDK. Diabetes Translation, November

***Journal Editorial Boards***

- 2015 - Section Editor, BMC Public Health
- 2009 - Editorial Board, Journal of the International Society for Behavioral Nutrition and Physical Activity
- 2010 -2013 Editorial Board, Annuals of Behavioral Medicine
- 2012-2015 Section Editor, Exercise and Sport Science Reviews

***Community Engagement: National***

- 2017
- 2015
  
- 2015-2016 Packard Scientific Advisory Panel, attendee
- 2014 - Early Care and Education Special Interest Group, ISBNPA, Co-Chair
- 2013 - Early Care and Education Work Group, co-lead
- 2012 - Healthy Kids, Healthy Future Steering Committee, Research Co-Chair
- 2013 - Healthy Way to Grow, Advisory Committee

***Consultations***

- 2013 - Healthy Way to Grow Project, joint venture of Nemours and American Heart Association
- 2013 - Swanson Center for Nutrition
- 2012-2015 Michigan State University, College of Nursing
- 2008 Mivita Health Systems, Childhood Obesity project
- 2005-2006 Evaluation of the Safe Routes for Kids Workshops, CA Center for Physical Activity
- 2006 Evaluation of the Walkable Community Workshops, CA Center for Physical Activity
- 2006 School Siting Issues and School Boards, CA Center for Physical Activity
- 2005 Evaluation of Community-based Child Health Promotion Programs, Nemours Health and Prevention Services, June

- 2001 Southern Association for Colleges and Schools (SACS), Committee member, University of Kentucky
- 2000 Southern Association for Colleges and Schools (SACS), Committee member, University of Mississippi Medical Center
- 1999 Southern Association for Colleges and Schools (SACS), Committee member, Texas A & M Medical Center

### **Honors and Recognitions**

- 2017 Jeremy Morris Lecture, Bristol University, Bristol, England
- 2016 Bar-Or Award for Excellence in Pediatric Obesity Research, The Obesity Society
- 2015 Recognition of Service, Children and Family Health, Society for Behavioral Medicine
- 2013 Fellow, The Obesity Society
- 2013 Montoye Scholar Award, Southeast Chapter American College of Sport Medicine
- 2012 Faculty Innovation + Inspiration Award for Research, Gillings School of Public Health
- 2006 Oded Bar-Or Lecture, North American Society for Pediatric Exercise Medicine
- 2001 Distinguished Alumni, School of Health and Human Performance, UNC - Greensboro
- 1999 Bridges Program, Class of 1999
- 1997 Leadership Columbia, Class of 1997
- 1996 YWCA Tribute to Women and Industry, Diamond Award Winner
- 1996 Public Health Education Advocate Award, South Carolina Department of Health and Environmental Control
- 1994 Delta Omega, Honorary Public Health Society
- 1993 Excellence in Teaching Award, Mortar Board Society
- 1992 Fellow, American College of Sports Medicine
- 1988 Sigma Xi Membership
- 1982 President's Honor Award, SCAHPERD
- 1982 The Goodbodies Weight Control Program Recognitions: The Outstanding Innovative Program, SC Association of Community Education
- 1982 The Goodbodies Weight Control Program Recognitions: Runner-up for National Outstanding Community Education Project
- 1982 The Goodbodies Weight Control Program Recognitions: Model Project, Division of Health Promotion and Education, CDC
- 1974 Young Careerist, Hartsville Area Association for Professional Women

## BOOK

Ward, DS, Saunders, RP, and Pate, RR. **Physical Activity Interventions for Children and Adolescents**. Human Kinetics, Champagne-Urbana, 2007, pp.270

## Book Chapters, Monographs, Journal Supplements

Ward DS and Erinosh, T. Strategies for Promoting Healthy Weight Development in Child Care Centers: A Review of the NAP SACC Program. In AJ Reynolds, AJ Rolnick, JA Temple (Eds.) **Health and Education in Early Childhood: Predictors, Interventions, and Policies**. Cambridge University Press, 2014.

Ward DS, Erinosh T, Wasser H, Munôz PM . Family-Centered Interventions to Reduce Maternal and Child Obesity. In W. Nicholson and K Baptiste-Roberts (Eds). **Obesity during Pregnancy in Clinical Practice**. Springer-Verlag London Ltd, Pages 297-335, 2014.

Rhew L, Thomas C, Peach T, Dunn C, Newkirk J, Ward DS, Vaughn A. Move More Scholars Institute. In R. Pate and D. Buchner (Eds.). **Implementing Physical Activity Strategies**. Human Kinetics, Champagne, 2014.

Ward DS and Ford C. Physical activity promotion in schools. In B. Ainsworth and C. Macera (Eds). **Physical Activity and Public Health Practice**. CRC Press, NY, 2012

Ward DS. School Policies on Physical Education and Physical Activity. **Active Living Research**. Robert Wood Johnson Foundation, October 2011.

Larson N, Ward DS, Benjamin Neelon S, Story S. Preventing Obesity Among Preschool Children: How Can Child-care Settings Promote Healthy Eating and Physical Activity? **Healthy Eating Research**. Robert Wood Johnson Foundation, October 2011.

Ward DS, Reis A, and Tabak R. Environment and Policy Interventions to Prevent Obesity in Children In J.A. O'Dea and M. Eriksen (Eds). **Childhood Obesity Prevention: International Research, Controversies and Interventions**. Oxford University Press, NY, 2010.

Pfeffier, K. Filipa, Ward, DS, and Pate RR. Endurance Trainability of Children and Youths In H. Hebestreit and Oded, Bar-Or (Eds). **The Young Athlete**. West Sussex: Blackwell Publishing, 2007.

Trost S.G., Ward D.S. Factors related to Girls' Participation in Physical Activity. In **Healthy Sport and Physical Activity Participation for Girls and Women**, L. Ransdell (Ed.). Reston, VA: National Association for Girls and Women's Sports. pp.3-28, 2005.

Ward, DS, Vaughn, A. Rodgers, A. (Editors) Closing the Gap in Accelerometry. **Medicine and Sciences in Sports and Exercise Supplement** (10 articles). 2005 Volume 37(11) Supplement, November 2005, pp S501-S588

Pate, R. R., and D. S. Ward. Endurance exercise trainability in children and youth. In: **Advances in Sports Medicine and Fitness**. W. A. Grana (Ed.). Vol 6, Chicago: Year Book Medical Publishers, 1990.

Pate, R. R. and D. S. Ward. Endurance trainability of children and youth. In: **The Child and Adolescent Athlete: The Encyclopaedia of Sports Medicine, Volume VI**, O. Bar-Or (Ed.). 1996, p. 37-55.

Ward, D. S. Exercise for children with special needs. In: **Fitness Through Physical Education**. R. R. Pate, and R. C. Hohn (Eds.). Human Kinetics. 1994, pp. 99-111.

Bar-Or, O., and D. S. Ward. Ratings of perceived exertion in children in health and disease. In: **Advances in Pediatric Sport Sciences**. O. Bar-Or (Ed.). Vol 3, Champaign, Illinois: Human Kinetics, 1988.

McClenaghan, B. A., and D. S. Ward. Health and physical education. In: **A Behavioral Approach to Education of Children and Youth**. C. A. Maher and S. G. Forman (Eds.). School Psychology Series. Hillsdale, New Jersey: Lawrence Erlbaum Associates, 1987.

Kolbe, L. J., L. Green, J. Foreyt, L. Darnell, K. Goodrick, H. Williams, and D. S. Ward. Appropriate functions of health education in schools: Improving health and cognitive performance. In: **Child Health Behavior: A Behavioral Pediatrics Perspective**. N. Krasnegor, J. Arasteh, and M. Cataldo (Eds.). New York: John Wiley & Sons, 1986, pp. 171-216.

### JOURNAL ARTICLES

1. Grummon AH, Vaughn A, Jones DJ, Ward DS. Cumulative Risk Exposure and Waist Circumference in Preschool-Aged Children: the Mediating Role of Television and Moderating Role of Sex. **Annual of Behavioral Medicine**. 2017 Jan 17. doi: 10.1007/s12160-016-9872-y. PMID: 28097514
2. Jones J, Yoong SL, Wyse R, Ward DS, Wolfenden L. Improving the impact of obesity prevention interventions in the childcare setting: The need for a systematic application of implementation science. **Journal of Paediatric and Child Health**. 2017 Jan 20. doi: 10.1111/jpc.13464
3. Perrin EM, Howard JB, Ward DS. In the Absence of Clear Causation, DS. DOI: 10.1542/peds.2016-2895. **Pediatrics**; originally published online October 10, 2016.
4. Ward DS, Welker E, Choate A, Henderson KE, Lott M, Tovar A, Wilson A, Sallis JF. Strength of obesity prevention interventions in early care and education settings: A systematic review. **Preventive Medicine**. 2016 Sep 28. pii: S0091-7435(16)30289-4. doi: 10.1016/j.ypmed.2016.09.033. PMID: 27693295

5. Vaughn AE, Dearth-Wesley T, Tabak RG, Bryant M, Ward DS. Development of a Comprehensive Assessment of Food Parenting Practices: The Home Self-Administered Tool for Environmental Assessment of Activity and Diet Family Food Practices Survey. **Journal of the Academy of Nutrition and Dietetics** . 2016 Sep 19. pii: S2212-2672(16)30938-8. doi: 10.1016/j.jand.2016.07.021. PMID: 27660178
6. Ward DS, Vaughn AE, Burney RV, Østbye T. Recruitment of Family Child Care Homes for an Obesity Prevention Intervention Study. **Contemporary Clinical Trials Communications**. 2016 Aug 15;3:131-138. PMID: 27617326
7. Tandon PS, Tovar A, Jayasuriya AT, Welker E, Schober DJ, Copeland K, Dev DA, Murriel AL, Amso D, Ward DS. The relationship between physical activity and diet and young children's cognitive development: A systematic review. **Preventive Medicine Reports**. 2016 Apr 22;3:379-90. doi: 10.1016/j.pmedr.2016.04.003. eCollection 2016 Jun. Review. PMID: 27419040
8. Beets MW, Weaver RG, Turner-McGrievy G, Huberty J, Ward DS, Pate RR, Freedman D, Hutto B, Moore JB, Bottai M, Chandler J, Brazendale K, Beighle A. Physical activity outcomes in afterschool programs: A group randomized controlled trial. **Preventive Medicine**. 2016 Jul 7. pii: S0091-7435(16)30169-4. doi: 10.1016/j.ypmed.2016.07.002. PMID: 27397608
9. Tate DF, Lytle LA, Sherwood NE, Haire-Joshu D, Matheson D, Moore SM, Loria CM, Pratt C, Ward DS, Belle SH, Michie S. Deconstructing interventions: approaches to studying behavior change techniques across obesity interventions. **Translational Behavioral Medicine**. 2016 Jun;6(2):236-43. doi: 10.1007/s13142-015-0369-1. Review. PMID: 27356994  
Free PMC Article
10. Tovar A, Vaughn AE, Fallon M, Hennessy E, Burney R, Østbye T, Ward DS. Providers' response to child eating behaviors: A direct observation study. **Appetite**. 2016 Jun 18;105:534-541. doi: 10.1016/j.appet.2016.06.020. PMID: 27328098
11. Crane MM, Ward DS, Lutes LD, Bowling M, Tate DF. Theoretical and Behavioral Mediators of a Weight Loss Intervention for Men. **Annals of Behavioral Medicine**. 2016. doi: 10.1007/s12160-016-9774-z PMID: 26842133
12. Tate DF, Lytle LA, Sherwood NE, Haire-Joshu D, Matheson D, Moore SM, Loria CM, Pratt C, Ward DS, Belle SH, Michie S. Deconstructing interventions: Approaches to studying behavior change techniques across obesity interventions. **Translational Behavioral Medicine**. 2016. doi: 10.1007/s13142-015-0369-1
13. Benjamin Neelon SE, Østbye T, Hales D, Vaughn A, Ward DS. Preventing childhood obesity in early care and education settings: Lessons from two intervention studies. **Child: Care, Health & Development**. 2016 May;42(3):351-8. doi: 10.1111/cch.12329.



14. Stevens, J., Ou, F., Truesdale, K., Zeng, D., Vaughn, A., Pratt, C., Ward, D. A suggested approach for imputation of missing dietary data for young children in daycare. **Food & Nutrition Research**. 2015;59(0). PMID: 26689313
15. Villa-González E, Ruiz JR, Ward DS, Chillón P. Effectiveness of an active commuting school-based intervention at 6-month follow-up. **The European Journal of Public Health**. 2015. PMID: 26578663
16. Cui Z, Seburg EM, Sherwood NE, Faith MS, Ward DS. Recruitment and retention in obesity prevention and treatment trials targeting minority or low-income children: a review of the clinical trials registration database. **Trials**. 2015;16:564. PMID: 26651822
17. Weaver, R. G., Hutto, B., Saunders, R., Moore, J. B., Turner-McGrievy, G., Huberty, J., Ward, D. S., Pate, R., Beighle, A., Freedman, D., Beets, M. W. Making Healthy Eating and Physical Activity Policy Practice: Process evaluation of a group randomized controlled intervention targeting healthy eating and physical activity in afterschool programs. **Health Education Research**. 2015 December; 30(6):849-865. doi: 10.1093/her/cyr052
18. Beets, M. W., Turner-McGrievy, G., Weaver, R. G., Huberty, J., Moore, J. B., Ward, D. S., & Freedman, D. A. (in press). Intervention leads to improvements in the nutrient profile of snacks served in afterschool programs: A group randomized controlled trial. **Translational Behavioral Medicine: Practice, Policy and Research**. doi: 10.1007/s13142-015-0342-z
19. Kulik, N., Ennett, S.T., Ward, D.S., Bowling, J.M., Fisher, E.B., & Tate, D.F. Brief Report: A Randomized Controlled Trial Examining Peer Support and Behavioral Weight Loss Treatment. **Journal of Adolescence**. 2015 Oct;44: 117-23. doi: 10.1016/j.adolescence.2015.07.010
20. Buscemi J, Kanwischer K, Becker AB, Ward DS, Fitzgibbon ML, on behalf of the Society of Behavioral Medicine Health Policy Committee. Society of Behavioral Medicine position statement: early care and education (ECE) policies can impact obesity prevention among preschool-aged children. **Translational Behavioral Medicine**. 2015;5(1):122-125. doi:10.1007/s13142-014-0297-5. PMID: 25729461.
21. Chang MW, Hales D, Brown R, Ward D, Resnicow K, Nitzke S. Validation of *PIN 3* physical activity survey in low-income overweight and obese young mothers. **BMC Public Health**. 2015;15:121. doi:10.1186/s12889-015-1493-z. PMID: 25885482.
22. Beets, M. W., Weaver, R. G., Turner-McGrievy, G., Huberty, J., Ward, D. S., Pate, R. R., Freedman, D. A., Hutto, B., Moore, J. B., & Beighle, A. Making policy practice in afterschool programs: A randomized control trial on physical activity changes. **American Journal of Preventive Medicine**. 2015 Jun;48(6):694-706. doi: 10.1016/j.amepre.2015.01.012. PMID: 25998921

23. Ajja R, Beets MW, Chandler J, Kaczynski AT, ward DS. Physical activity and healthy eating environmental audit tools in youth care settings: A systematic review. **Preventive Medicine**. 2015 May 9. Pii: S0091-7435(15)00154-1. doi: 10.1016/j.ypmed.2015.05.002. PMID: 25964078
24. Persky S, McBride CM, Faith MS, Wagner LK, Ward DS. Mother's guilt response to children's obesity risk feedback. **Journal of Health Psychology**. 2015 May;20(5):649-58. doi: 10.1177/1359105315576608. PMID 25903251
25. Erinosh T, Hales D, Vaughn A, Mazzucca S, Ward DS. Impact of Policies on Physical Activity and Screen Time Practices in 50 Child-Care Centers in North Carolina. **Journal of Physical Activity and Health**. 2015 Mar 31. PMID: 25831553.
26. Cavallo DN, Tate DF, Ward DS, DeVellis Rf, Thayer LM, Ammerman AS. Social support for physical activity-role of Facebook with and without structured intervention. **Translational Behavioral Medicine**. 2014 Dec;4(4):346-54. Doi: 10.1007 / s13142-014-0269-9. PMID: 25584083.
27. Bouhlal S, McBride CM, Ward DS, Persky S. Drivers of overweight mothers' food choice behaviors depend on child gender. **Appetite**. 2014 Oct 6. pii: S0195-6663(14)00467-X. doi: 10.1016/j.appet.2014.09.024.
28. Bonis M1, Loftin M, Ward D, Tseng TS, Clesi A, Sothorn M. Improving physical activity in daycare interventions. **Childhood Obesity**. 2014 Aug;10(4):334-41. doi: 10.1089/chi.2014.0040. Epub 2014 Jul 23.
29. Kulik NL, Fisher EB, Ward DS, Ennett ST, Bowling JM, Tate DF. Peer support enhanced social support in adolescent females during weight loss. **American Journal of Health Behavior**. 2014 Sep;38(5):789-800. doi: 10.5993.
30. Ajja, R., Clennin, N.M., Weaver, R. G., Moore, J. B., Huberty, J., Ward, D.S., Pate, R. R., & Beets, M. W. Association of Environment and Policy Characteristics on Children's Moderate-to-Vigorous Physical Activity and Time Spent Sedentary in Afterschool Programs. **Preventive Medicine**. 2014 Dec;69 Suppl 1:S49-54. doi: 10.1016/j.ypmed.2014.09.010. Epub 2014 Sep 22.
31. Weaver, R.G., Beets, M.W., Huberty, J., Freedman, D., Turner-McGrievy, G., Ward, D. Physical activity opportunities in afterschool programs. **Health Promotion Practice**. 2015 May;16(3):371-82. doi: 10.1177/1524839914567740. 2015 Jan 13.
32. Chillón P, Hales D, Vaughn A, Gizlice Z, Ni A and Ward DS. A cross-sectional study of demographic, environmental and parental barriers to active school travel among children in the United States **International Journal of Behavioral Nutrition and Physical Activity** 2014, 11:61 doi:10.1186/1479-5868-11-61

33. Beets, M. W., Weaver, R. G., Turner-McGrievy, G., Huberty, J., Ward, D., Freedman, D. A., Pater, R. R., Beighle, A., Saunders, R., Huttor, B., & Moore, J. B.. Making Healthy Eating and Physical Activity Policy Practice: The Design and Overview of a Group Randomized Controlled Trial in Afterschool Programs. **Contemporary Clinical Trials**. 2014 Jun 1. doi: 10.1016/j.cct.2014.05.013
34. Andrews EB, Thomas J, Jaacks L, D' Agostion R Jr, Ward D, Mayer-Davis EJ. Patient Perception of Midlevel Providers in Pediatric Diabetes Care. **Diabetics Educ**. 2014 Mar 20; 40 (3) : 329-335. [Epub ahead of print] PMID: 24652057
35. Beets, M. W., Weaver, R. G., Tilley, F., Turner-McGrievy, G., Huberty, J., Ward, D. S., & Freedman, D. A. (in press). Salty or Sweet? Nutritional quality, consumption, and cost of snacks served in afterschool programs. **Journal of School Health**. 2015 Feb;85(2):118-24. Doi: 10.1111/josh.12224. PMID: 25564980
36. Chriqui JF, Economos CD, Henderson K, Kohl HW 3rd, Kumanyika SK, Ward DS. Environmental change strategies to promote healthy eating and physical activity and reduce disparities. **Childhood Obesity**. 2014 Feb;10(1):11-7. doi: 10.1089/chi.2014.1016. PMID: 24506159
37. Steinberg DM, Tate DF, Bennett GG, Ennett S, Samuel-Hodge C, Ward DS. Daily self-weighting and adverse psychological outcomes: a randomized controlled trial. **American Journal of Preventive Medicine**. 2014 Jan;46(1):24-9. doi: 10.1016/j.amepre.2013.08.006. PMID: 24355668
38. Hales D, Vaughn AE, Mazzucca S, Bryant MJ, Tabak RG, McWilliams C, Stevens J, Ward DS. Development of HomeSTEAD's physical activity and screen time physical environment inventory. **International Journal of Behavioral Nutrition and Physical Activity**. 2013 Dec 5;10:132. doi: 10.1186/1479-5868-10-132. PMID: 24313962
39. Hoffman ER, Hodges EA, Propper C, Postage PL, Zipkin EC, Bentley ME, Ward DS, Hamer RM, Bulik CM. Behavioral and Psychophysiological Responsiveness During Child Feeding in Mothers with Histories of Eating Disorders: A Pilot Study. **Journal of Psychopathology and Behavioral Assessment**. 2013 Dec 1;35(4):578-591. PMID: 24511180 [PubMed]
40. Morrison R, Reilly JJ, Penpraze V, Westgarth C, Ward DS, Mutrie N, Hutchison P, Young D, McNicol L, Calvert M, Yam PS. Children, parents and pets exercising together (CPET): exploratory randomised controlled trial. **BMC Public Health**. 2013 Nov 27;13:1096. doi: 10.1186/1471-2458-13-1096. PMID: 24279294 [PubMed - in process]
41. Jones DJ, Gonzalez M, Ward DS, Vaughn A, Emunah J, Miller L, Anton M. Should Child Obesity be an Issue for Child Protective Services?: A Call for More Research on this Critical Public Health Issue. **Trauma Violence Abuse**. 2013 Nov 13. [Epub ahead of print] PMID: 24231942 [PubMed - as supplied by publisher]

42. Erinoshio TO, Ball SC, Hanson PP, Vaughn AE, Ward DS. Assessing foods offered to children at child-care centers using the Healthy Eating Index-2005. **Journal of Academy of Nutrition and Dietetics**. 2013 Aug;113(8):1084-9. doi: 10.1016/j.jand.2013.04.026. Epub 2013 Jun 15. PMID: 23773561 [PubMed - indexed for MEDLINE]
43. McBride CM, Persky S, Wagner LK, Faith MS, Ward DS. Effects of providing personalized feedback of child's obesity risk on mothers' food choices using a virtual reality buffet. **International Journal of Obesity** (Lond). 2013 Oct;37(10):1322-7. doi: 10.1038/ijo.2013.87. Epub 2013 May 24. PMID: 23736369
44. Lyons EJ, Tate DF, Ward D S, The better the story, the bigger the serving: narrative transportation increases snacking during screen time in a randomized trial. **International Journal of Behavioral Nutrition and Physical Activity**. 2013, 10:60. DOI: 10.1186/1479-5868-10-60.
45. Vaughn AE, Hales D, Ward DS. Measuring the physical activity practices used by parents of preschool children. **Medicine and Science in Sports Exercise**. 2013 Dec;45(12):2369-77. doi: 0.1249/MSS.0b013e31829d27de. PMID: 23715430.
46. Vaughn AE, Tabak RG, Bryant MJ, Ward DS. Measuring parent food practices: a systematic review of existing measures and examination of instruments. **International Journal of Behavioral Nutrition and Physical Activity**. 2013 May 20;10:61. doi: 10.1186/1479-5868-10-61. Review. PMID: 23688157
47. Lyons EJ, Tate DF, Ward DS. The better the story, the bigger the serving: narrative transportation increases snacking during screen time in a randomized trial. **International Journal of Behavioral Nutrition and Physical Activity**. 2013 May 16;10:60. doi: 10.1186/1479-5868-10-60. PMID: 23680389
48. Steinberg DM, Tate DF, Bennett GG, Ennett S, Samuel-Hodge C, Ward DS. The efficacy of a daily self-weighing weight loss intervention using smart scales and e-mail. **Obesity** (Silver Spring). 2013 Sep;21(9):1789-97. doi: 10.1002/oby.20396. Epub 2013 Jul 2. PMID: 23512320 [PubMed - in process]
49. Ward DS, Vaughn A, Story A. Expert and Stakeholder Consensus on Priorities for Obesity Prevention Research in Early Care and Education Settings. **Childhood Obesity**. April 2013, 9(2): 116-124.
50. Ajja, R., Beets, M. W., Huberty, J. L., Kacznski, A., & Ward, D. Development of the Healthy Afterschool Activity and Nutrition Documentation (HAAND). *American Journal of Preventive Medicine*. **American Journal of Preventive Medicine**. 2012 Sep;43(3):263-71. doi: 10.1016/j.amepre.2012.05.020.
51. Erinoshio TO, Hales DP, McWilliams CP, Emunah J, Ward DS. Nutrition policies at child-care centers and impact on role modeling of healthy eating behaviors of caregivers. **Journal of Academy of Nutrition and Dietetics**. 2012 Jan;112(1):119-24.

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171. Ward, D. S., and O. Bar-Or. Role of the physician and physical education teacher in the treatment of obesity at school. **The Pediatrician** 13(1):44-51, 1986.
172. Williams, H., B. A. McClenaghan, and D. S. Ward. Duration of muscle activity during standing in normally and slowly developing children. **American Journal of Physical Medicine** 64(4):171-189, 1985.
173. Walberg, J., and D. S. Ward. The role of physical activity in the etiology and treatment of childhood obesity. **The Pediatrician** 12:62-68, 1985.
174. Rink, J., P. Werner, R. Hohn, D. S. Ward, and H. Timmermans. Differential effects of three teachers over a unit of instruction. **Research Quarterly for Exercise and Sport** 57(2):132-138, 1986.
175. Ward, D. S. Overweight children and physical education. **The Physical Educator** 40:28-32, 1983.

176. Timmermans, H., E. V. Dover, and D. S. Ward. Developing health-related fitness in undergraduate physical education major students. **South Carolina Journal of Health, Physical Education Recreation, and Dance** 15:21-22, 1982.
177. Ward, D. S. Student perception of the classroom learning environment in physical education. **Journal of Teaching in Physical Education** 3:45-50, 1982.
178. Ward, D. S., and H. Timmermans. A new design for acquiring sports skills. **South Carolina Journal of Health, Physical Education, and Recreation** 14:14-16, 1981.
179. Ward, D. S. and P. Werner. Two curricular approaches: an analysis. **Journal of Physical Education, Recreation, and Dance** 52:60-63, 1981.
180. Ward, D. S. Middle schools: last chance for physical education. **South Carolina Journal of Health, Physical Education, and Recreation** 13:5-6, 1980.
181. Ward, D. S. and B. A. McClenaghan. Special programs for special people: ideas for extending the physical education program. **The Physical Educator** 37:63-68, 1980.

### **Presentations**

Future Directions in Early Childhood Obesity Research, National Collaborative on Childhood Obesity Research (NCCOR) Steering Committee, Washington DC, March, 2017. (invited)

Ward, DS. Making Early Years' Spaces Active Places. Jeremy Morris Lecture. University of Bristol, Bristol, UK, February, 2017. (invited)

Ward, DS. Shaping the Child Care Environment to Promote Healthy Weight. Preventing Obesity in the Early Years. Translating Evidence into Practice. Annual Public Health Conference. Pennington Biomedical Research Center. Baton Rouge, LA, October, 2016. (invited)

Ward, DS. A [life] story in two parts. Bar-Or Award Presentation. The Obesity Society. New Orleans, LA, November, 2016. (invited)

Ward, DS. Keys to Healthy Child Care Homes: Healthy you, Healthy home, Healthy business. Healthy Kids, Healthy Future Conference. Washington DC, February, 2016.

Ward, DS. Effective Healthy Weight Strategies for Child Care Settings Obesity Round Table: Early Obesity Prevention. Institute of Medicine, Washington DC, January 2016. (invited)

Ward, DS. Influences of preschool policies and practices on children's physical activity (invited). Keynote address. The Obesity Society, Los Angeles, CA, November, 2015. (invited)

Ward DS. Tandon P, et al. The Relationship Between Physical Activity and Diet and Young



Children's Cognitive Development: A Systematic Review. Healthy Eating Research Annual Meeting, St. Paul, MN, April, 2016.

Mazzucca S, Ward DS. How are Teacher Characteristics, Structured Activity Time and Child MVPA in Early Care and Education Centers Related? The Obesity Society Annual Meeting, Los Angeles, CA. November 2015.]

Weaver, R.G., Huberty. J., Moore, J.B., Freedman, D., Turner-McGrievy, G., Beighle, A., Ward, D., Pate, R., Saunders, R., Beets, M.W. (2016, March) Making Healthy Eating and Physical Activity Policy Practice: Process Evaluation of Group Randomized Controlled Trial. Active Living Research Conference, Clearwater, FL.

Benjamin Neelon SE, Mayhew M, Østbye T, Hales D, Vaughn A, Mann CM, Ward DS. (2015, Nov.) Preventing childhood obesity in early care and education settings: Lessons learned from two ongoing intervention studies. Poster presented at the meeting of the Obesity Society, Los Angeles, CA.

Ward, DS. Keys to Healthy Child Care Homes: Healthy you, Healthy home, Healthy business. Childhood Obesity Conference, San Diego, CA. July 2015 (invited)

Yaroch, AL., Schober, D., Gertel-Rosenberg, A. Shuell, J., Plumlee, C., Story, M., Ward, DS., Chang, D. The National Early Care and Education Learning Collaborative (ECELC) Theory of Change: A model to contribute in national efforts in the United States (US) to prevent childhood obesity. International Society of Behavioral Nutrition and Physical Activity, Edinburgh, Scotland, UK. June 2015.

Crane, MM., Lutes, LE., Ward, DS., Bowling, MJ., Tate, D. "Theoretical constructs as mediators of a men-only weight loss program." International Society of Behavioral Nutrition and Physical Activity, Edinburgh, Scotland, UK. June 2015.

Ward, DS., Vaughn, AE., Burney, R., Østbye, T. "Meeting the challenges of organizational recruitment in family child care homes: the KEYS Project" International Society of Behavioral Nutrition and Physical Activity, Edinburgh, Scotland, UK. June 2015.

Tovar, A., Vaughn, AE., Ward, DS. "Modifying the Environmental Policy Assessment and Observation Tool to Better Capture Feeding Practices of Family Child Care Home Providers." International Society of Behavioral Nutrition and Physical Activity, Edinburgh, Scotland, UK. June 2015.

Tovar, A., Vaughn, AE., Ward, DS. "Children's Influence on Home Child Care Provider's Feeding Practices: Exploring Bi-Directional Influences." International Society of Behavioral Nutrition and Physical Activity, Edinburgh, Scotland, UK. June 2015.

Vaughn AE, Hennink-Kaminski H, Ihekweazu C, Ward DS. "Creating effective partnerships between parents and child care providers to support child health – insights from parent focus

groups." International Society of Behavioral Nutrition and Physical Activity, Edinburgh, Scotland, UK. June 2015.

Ward, DS. "Modern Family and Days of our Lives: Strategies for developing a children's healthy weight research program in today's world" Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, San Antonio, TX. April 2015. (invited)

Crane, MM., Ward, DS. Lutes, LD., Ribisl, KM., Bowling, M., Tate, D. "Randomized trial of a men-only weight loss program: The Rethinking Eating and FITNESS Trial" Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, San Antonio, TX. April 2015.

Ward, DS. "Fewer chicken nuggets and more active play time: Dissemination and implementation of the NAP SACC program to create healthy environments in child care", Childhood Obesity Prevention Colloquium, Pennsylvania State University, December, 2014 (invited)

Weaver, R.G, Ajja, R., Chandler, J. Tilley, F., Kyryliuk, B., Beets, M.W., Huberty, J., Turner-McGrievy, G., Ward, D.S., Freedman, D. (2014, November). Are afterschool program environments supportive of children's moderate-to-vigorous physical activity? Abstract presented at the annual meeting of the American Public Health Association, New Orleans, LA.

Ward, DS. "Chicken Nuggets, Swings, and Circle Time: How child care settings influence children's eating and physical activity", Virginia Polytechnic Institute and State University, October, 2014 (invited)

Ward, DS. "CACFP and Best-Practice Recommendations for Nutrition and Physical Activity: What's all the Jazz?" CACFP Sponsors Conference, New Orleans, LA, April, 2014 (invited)

Ostbye T, Mann CM, Brouwer RJN, Vaghn A, Bartlett R, Ward DS. The Keys to Healthy Family Child Care Homes (KEYS) intervention study: design, rationale and baseline characteristics. 12<sup>th</sup> International Congress on Obesity (ICO). 17-20 March 2014, Kuala Lumpur, Malaysia.

Ward, DS. "Expert Comments" at the Institute of Medicine meeting. *Current State of Obesity Solutions in the US*. Washington, January 2014.

Ward, DS, "Changing the Environment to Ensure Healthy Physical Activity in Young Children", University of Iowa, December, 2013 (invited)

Ward, DS. "So, What's In Your House? Strategies for Measuring the Home Food Environment. American Institute for Cancer Research Annual meeting, November, 2013. (Invited)

Ward, DS "Healthy Weight Environments at Child Care: Finding, Creating, and Sharing the Evidence", I-TOPP Conference, U. of Illinois, October, 2013 (invited)

Ward, DS "Moving Children at Home and Child Care", Department of Kinesiology, U. of

Illinois, October, 2013 (invited)

Ward, DS. "Going to Scale: Strategies for Disseminating the NAP SACC Program ", Rudd Center, Yale University, October, 2013 (invited)

Ward DS, "Moving Children at Home and Child Care", Youth-Nex Conference, U. Virginia, October, 2013 (invited)

Ward DS. Assessment of the home food environment. BEAT Conference, Boston, MA June, 2012. (invited)

Ward DS. How to Assess Food Served in Child Care Settings. Institute of Medicine, Washington DC, 2012. (invited)

Ward DS. Promotion of Physical Activity in Children: Research to Practice. University of Granada (Spain). November, 2011 (invited)

Ward DS. Physical Activity Intervention Trials: Challenges and Opportunities. Michigan State University School of Nursing. March, 2012 (invited)

Ward DS. Combating childhood obesity: Risks, prevention, and intervention: The NAP SACC Program. North Carolina IOM. September, 2011 (invited)

Ward DS. Best practices standards for nutrition at child care centers. North Carolina IOM. February, 2012 (invited)

Ward DS. Healthy Weight Intervention Research at Child Care Settings. Gaps in Healthy Weight Research at Child Care Settings. NIH Conference. Arlington VA, September 2011 (invited)

Ward DS. Assessment of the home food environment. BEAT Conference Seattle, WA, June, 2011. (invited)

Ward DS. Best Practices for Increasing Physical Activity in Child Care Settings. National Webinar sponsored by the Maternal and Child Bureau, June, 2010.

Ward DS. Healthy Weight Development in Child Care: Research Challenges and Lessons Learned. School of Public Health. Louisiana State University, New Orleans, September, 2010.

Ward DS. Understanding the NAP SACC Program: Training the Trainer. Louisiana State University, New Orleans, September, 2010.

Ward DS. Obesity Prevention in Early Childhood: Strategies for Healthy Development. Health and Early Childhood Development: The Impact of Health on School Readiness and Other Education Outcomes. National Invitational Conference of the Human Capital Research Collaborative. University of Minnesota and Federal Reserve Bank of Minneapolis, October 14

and 15, 2010. (invited)

Ward DS. Creating Healthy Nutrition and Physical Activity Environments at Child Care Settings. National Association for the Education of Young Children (NAEYC) annual meeting. Anaheim CA. November 2010.

Ward DS. Intervention Strategies for Increasing Physical Activity at Childcare. American College of Sports Medicine. National Webinar. January, 2011.

Ward DS. Creating Healthy Weight Environments at Child Care : The NAP SACC Program Planning Model. 10th Annual Maine-Harvard Prevention Research Center. Starting Young: Improving the Nutrition and Physical Activity Environment for Pre-School Children Conference. Augusta, ME January, 2011.

Ward DS. Assessment of the home food environment. BEAT (Built Environment Assessment Training) Course. Seattle WA., June 2011.

DS Ward. "A Nutrition and Physical Activity Environmental Intervention". International Behavioral Nutrition and Physical Activity Association. Banff, AI, Canada, June, 2008.

DS Ward. "A Nutrition and Physical Activity Environmental Intervention". American College of Sports Medicine. Indianapolis, IN, June, 2008.

DS Ward. Families Matter: Preventing Obesity in Children. Inaugural Bar-Or Memorial Lecture. North American Association for Pediatric Exercise Medicine, Charleston SC September, 2006,.

DS Ward. "Help! My Environment is Killing Me! American Association of Diabetes Educators. St. Louis, MO. August, 2007

DS Ward. "Changing Environments to Support the Young Child's Healthy Weight Development: Role of Home and Child Care". Golden Horseshoe Pediatric Exercise Group. Keynote speaker. . Ontario, Canada, October 2007

DS Ward. "Childhood Overweight: What's a mother to do?" Third Annual UNC Conferences on Eating Disorders, Overweight and Obesity. November 2007, Chapel Hill, NC.

DS Ward. "Healthy Weight at Child Care: The NAP SACC Project." Chicago Consortium to Lower Obesity in Chicago's Children (CCLOCC). Obesity Forum, Chicago, IL, June, 2006.

Ward, DS, Vaughn, A, and Brown, A. How Kids Get to School in the Suburbs – Understanding Factors that Affect the School Travel Decision Association of Collegiate Schools of Planning, Kansas City, Missouri, 2005.

Ball, S.C., MPH, RD; Linnan, L.A., ScD; Ahlport, K., MPH; Giles, C., MPH; Vaughn, A., MPH; Ward, D.S., EdD. Active Travel to School: a Coalition-based Intervention to Increase Physical

Activity in Elementary School Children. American Dietetics Association. 2005.

Ward, DS, Ball, S, Ahlport, K, Linnan, L, Evenson, K, Catellier, D. Effects of a School-Community Walking Intervention on Year-Long Walking and Biking to School Rates. International Society for Behavioral Nutrition and Physical Activity. Amsterdam, Netherlands, 2005.

Propst, JR, Ahlport, KN, Linnan, LA, Vaughn, A, Ward, DS. Does Child Gender Affect the School Transportation Decision? International Society for Behavioral Nutrition and Physical Activity. Amsterdam, Netherlands, 2005.

Ball, SC, Evenson, K, Linnan, L, Vaughn, A, Ward, DS. Effects of Inter- and Intra-personal Factors on Active School Travel. International Society for Behavioral Nutrition and Physical Activity. Amsterdam, Netherlands, 2005.

Ward, DS, Parikh, A, Linnan, L, Ahlport, K, Giles, K, Evenson, K, Vaughn, A. Perceptions of School Travel by Parents and Children. American Public Health Association, Washington, DC, 2004.

Lytle, L.A., L. Metcalfe, J. Moody, D. Neumark-Steiner, B. Saksvig, R. Saunders, P. Strikmiller, D.S.Ward. Trial of Activity in Adolescent Girls: Conceptual model and intervention strategies. APHA, 2003.

Katz, M. P., Gordon-Larsen, P., Ammerman, A., Bentley, M., Kelsey, K., and Ward, D.S.. Assessment of body image in an obesity prevention program for African American girls. American Public Health Association, 2002.

Katz, M. P., Ammerman, A., Kelsey, K., Bentley, M., Gordon-Larsen, P., Ward, D.S., Darby-Shields, K., Corneli, A., Brown, M., France, R. and Benjamin, S.. Maintaining interest and commitment to a church-based obesity prevention program for African American girls. American Public Health Association, 2002.

Ward, D.S, R. McMurray, L. Johnson, A.M. Meyer, K. Kelsey, and A. Ammerman. African American mother-daughter physical activity patterns based on objective monitoring. ACSM, St. Louis, June, 2002.

Corneli, A., Ammerman, A., Kelsey, K., Katz, M., Carby-Shields, K., Bentley, P., Gordon-Larsen, P., and D. Ward. Development of a Theory-Based Nutrition and Physical Activity Intervention for Obesity Prevention APHA 2001.

Marks J.T., Ribisl J.M., Campbell M.K, and Ward D. Analysis of Web sites promoting physical activity for teenage girls. AOIR October, 2001.

Gorden-Larsen, P., K.M. Harris, D.S. Ward, B. M. Popkin. Exploring increasing overweight and its determinants among Hispanic and Asian immigrants to the US: The National Longitudinal Study of Adolescent Health. Population Association of America, Washington D.C., 2001.

Saunders, R., Ward, D.S., Felton, G., Pate, R. A process evaluation model to assess implementation of a CSHP to promote physical activity. 75th National School Health Conference of the American School Health Association, Albuquerque, NM, 2001.

Ward, D. S., R. Dishman, M. Dowda, G. M. Felton, R. Pate, R. Saunders, L. Shuler, S. G. Trost, and E. Williams. Promoting Physical Activity in High School Girls. American Public Health Association, Boston, MA, 2000.

Gorden-Larsen, P., Harris, K.M., Ward, D.S., and B. Popkin. Acculturation affects inactivity: The National Longitudinal Study of Adolescent Health. North American Association for the Study of Obesity, Long Beach, CA, 2000.

Felton, G., D. S. Ward, R. Saunders, and M. Dowda. Promoting Physical Activity Among High School Girls in Rural and Urban Communities. American Public Health Association, Boston, MA, 2000.

Ward, D. S., and E. Williams. Promoting Physical Activity in High School Girls Through L.E.A.P.-Lifestyle Education for Activity Project. National Conference Linking Physical Activity and Fitness, Towson, MD, 2000.

Ward, D. S. Objective Monitoring of Physical Activity. UNC Physical Activity Group. 1999.

Ward, D. S. Measuring Physical Activity. Nutrition Epidemiology. UNC. 1999.

Ward, D. S. Pediatric obesity: trends, prevalence and treatment. Pediatrics Seminar, USC School of Medicine, 1996. (Invited presentation)

Ward, D. S., K. Kadzik, C. Curry, S. G. Trost, H. Robey, R. Sargent, and S. Fuller. Dietary and physical activity patterns of five obese and five non-obese prepubescent girls. American College of Sports Medicine, Cincinnati, OH, 1996

Trost, S. G., S. Morehouse, P. Watson, D. S. Ward, W. Riner, and J. Burke. Validity of the Computer Science and Applications (CSA) Activity Monitor in children aged 10 to 14 years, NASPEM Conference, Park City, UT, 1996

Riner, W. F., D. S. Ward, and L. V. DeCillis. Relationships of physiological and performance responses with mechanical work before and after bicycle exercise training in prepubertal females. North American Society for Pediatric Exercise Medicine, Park City, UT, 1996.

Ward, D. S. Physical activity in children. Preventive Medicine Seminar, USC School of Medicine, 1994. (Invited presentation)

Ward, D. S. Biphasic fluid uptake induced by intense contraction in skeletal muscle. Advances in

Respiratory and Locomotor Muscle Biology II: Effects of Exercise, Gainesville, FL, 1993. (Invited presentation)

Ward, D.S., M. T. Hamilton, and P. D. Watson. Decreased interstitial fluid volume (IFV) with exercise varies with rate of cellular metabolism. Federation Meeting, Anaheim, CA, 1992.

Hamilton M. T., D. S. Ward, and P. D. Watson. Measurement of total body water by changing osmolality. Integrative Biology of Exercise. American Physiological Society. Colorado Springs, CO, 1992.

Dupre, L. B., J. A. Woods, S. P. Bailey, J. M. Davis, D. S. Ward, and R. R. Pate. Salivary cortisol response in increased and reduced training. Southeast American College of Sports Medicine, Auburn, AL, 1992.

Ward, D. S. Fluid exchange within skeletal muscle during intense contractions. Faculty Seminar, USC School of Medicine, 1992. (Invited presentation)

Martinez, L. R., D. S. Ward, W. P. Bartoli, W. A. Burgess, E. E. Shoup, and J. M. Davis. Fitness level and response to a non-exercise stressor. Southeast American College of Sports Medicine, Louisville, KY, 1991.

Ward, D. S., P. D. Watson, and M. T. Hamilton. Interstitial volume is reduced by exercise in cat skeletal muscle. Southeast American College of Sports Medicine, Louisville, KY, 1991.

Ward, D. S., P. D. Watson, and M. T. Hamilton. Cell and interstitial volume changes in exercising cat skeletal muscle. American College of Sports Medicine, Salt Lake City, UT, 1991.

Watson, P. D., R. P. Garner, D. S. Ward, and M. B. Wolf. Small solutes drive water across capillary wall in heavy exercise. XVI European Conference on Microcirculation, Switzerland, 1990.

Ward, D. S., J. Jackman, and F. Galiano. Exercise intensity reproduction: children versus adults. American College of Sports Medicine, Indianapolis, IN, 1990.

Jarrell, D., and D. S. Ward. Effects of a 12 wk walking program on selected health risk factors in mildly overweight sedentary females. Southeast American College of Sports Medicine, Atlanta, GA, 1989.

Cox, E. M., J. Osterman, F. J. Provenzano, and D. S. Ward. Effectiveness of the Optifast Core Program. Post Graduate Research Seminar, Orlando, FL, 1988.

Ward, D. S., and O. Bar-Or. Ability of obese children to reproduce exercise intensity using the Borg Scale. European Pediatric Work Physiology Group, 13th Annual Meeting, Hurdal, Norway, September, 1987.

Ward, D. S., and O. Bar-Or. Usefulness of the RPE scale for exercise prescriptions with obese youth. American College of Sports Medicine, Dallas, TX, 1987.

Ward, D. S., E. S. Frechette, J. M. Davis, and M. L. Rocchio. Plasma FFA response to acute exercise in high and low fat females. Southeast American College of Sports Medicine, Charleston, SC, 1987.

Ward, D. S., C. J. R. Blimkie, and O. Bar-Or. Perception of exertion in obese adolescents. American College of Sports Medicine, Indianapolis, IN, 1986.

Ward, D. S., M. Davis, L. Rocchio, S. Sadri, R. Sargent, and J. Schumaker. Resting metabolic response to short term caloric restriction. Southeast American College of Sports Medicine, Boone, NC, 1985.

Frank, J., D. Riddle, and D. S. Ward. Family based intervention with obese children: Long-term effects. Association for the Advancement of Behavior Therapy, St. Louis, MO, 1984.

Dover, V., A. Berzins, D. S. Ward, and M. L. Rocchio. Reliability of body density measures by hydrostatic weighing in children. Midwest American College of Sports Medicine, 1984.

Rink, J., P. Werner, R. Hohn, D. S. Ward, and H. Timmermans. Differential effects of three teachers in a unit of instruction. Olympic Scientific Congress, 1984.

Ward, D. S., and E. V. Dover. The effects of an intense weight control intervention program on obese children: Initial and follow-up. Southeast American College of Sports Medicine, 1983.

Ward, D. S., and E. V. Dover. Weight control intervention with prepubescents. Southeast American College of Sports Medicine, Blacksburg, VA, 1982.

Williams, H. G., B. A. McClenaghan, and D. S. Ward. Descriptive studies of postural control in young children. North American Society for the Psychology of Sport and Physical Activity, College Park, MD, 1982.

Ward, D. S. Sex differences in perceptions of classroom environment. South Carolina Educational Research Association, Columbia, SC, 1979.

**PHD AND POST-DOCTORAL STUDENTS SUPERVISED**

Name	Pre or Post	Years of Study	Degree	Year of Recent Degree	Location of Recent Degree	Research Focus	Funding Source
Tara Carr	Pre	2015-	MPH	2008	University of North Carolina	Early childhood nutrition, breastfeeding promotion	NIDDK T32 Supplement Training Grant



Cody Neshteruk	Pre	2013-	BS	2012	Pennsylvania State University	Child and parent nutrition	
Courtney Luecking	Pre	2014-	MPH, MS	2009	Saint Louis University	Dissemination and implementation of nutrition and physical activity interventions	NIH R01 grant for the Our Year of Healthy Living project
Stephanie Mazzucca	Pre	2011-	BS	2008	University of North Carolina	Nutrition in young children	Maternal and Child Obesity Training grant
Leanne Kaye	Pre	2012-	MS	2009	University of Florida	Physical activity promotion in African American breast cancer survivors	Cancer Control Education Program
Temitope Erinosh	Post	2010-2012	PhD	2008	New York University	Promotion of healthy weight in low-income families	Carolina Minority Post-Doctoral Fellowship
Derek Hales	Post	2006-2009	MS, PhD	2005	East Carolina Univ., Univ. of Georgia	Role of the Home and Child Care Environments on Obesity in Young Children	Post Doctoral Funding/RWJF Healthy Eating and ALR funding
Rachel Tabak	Pre	2005-2010	PhD	2005	Tufts	Measuring the Home Environment and its Role of on Obesity	Post-Doctoral Fellow, Washington University, St. Louis, Prevention Research Center
Norwood, A	Pre	2004-present	MPH	2003	UAB	Role of Nutrition in Community Health Centers	Unfunded
Marks, J. (co-mentor Campbell)	Pre	1999-2004	BS	1999	Duke Univ.	A Comparison Of Web And Print Media For Physical Activity Promotion Among Middle School Girls.	Departmental Training Grant, Lineberger Comprehensive Cancer Center Fellowship, UNC-CH

Benjamin, S. (co-mentor Ammerman)	Pre	2001- 2006	MPH	2001	UNC-CH	Promoting Healthy Weight In Child Care: Pilot Testing, Training Methodology, And Instrument Evaluation	Postdoctoral Fellow, Harvard Medical School
Propst- Finkel, J.	Pre	2002- 2006	BS, JD	1992, 1999	Univ. Alabama, Drake Univ.	Parenting Practices and Child Obesity	Research Assistant, UNC- CH
Marks, J.	Post	2004- 2005	PhD	2004	UNC-Ch	Preventing Obesity through a Physician- and Home-Based Intervention	Post Doctoral Funding

**GRANTS: CURRENT**

**1R01-HL108390-01A1** Co-PI: Ward/Otsbye 05/01/12-04/30/17  
 NIH/NHLBI \$568,262 (UNC \$266,691)

**The Business of Childcare Homes & Child Health: Innovations for Nurturing Growth**

This project is evaluating the efficacy of the 9- month intervention H3: Healthy You, Healthy Home, Healthy Business, which targets family child care homes and is designed to promote (1) providers as healthy role models, (2) physical activity- and nutrition-supportive environments at the FCCH, and (3) healthy business practices.

**1R01-HL119568-01A1** Co-PI: Ward/Linnan 01/01/14-12/31/18  
 NIH \$440,592

**Care2bWell: A Worksite Physical Activity & Wellness Program for Child Care Staff**

People who work in lower paying jobs without health insurance, such as child care workers, are at increased risk for many chronic diseases (obesity, heart disease, diabetes). Physical activity can help reduce risk for most of these conditions. A multi-level, child care-based, worksite wellness intervention could be an effective strategy for reaching this high risk population of low-wage workers. Improving workers' health and physical activity is a direct benefit to workers, and helps them become healthy role models for children in their care.

**1R01-HL120969-01** PI: Ward 1/1/13-12/31/18  
 NIH \$385,875

**Our Year of Healthy Living: A social marketing intervention for child care & home**

The proposed study is a two-arm, randomized controlled trial to evaluate the effect of a 12-month intervention on the diet and physical activity behaviors of preschool children (3-4 years) and their adult caregivers (parents and child care providers). The intervention will use a series of social marketing campaigns initiated in the child care center that incorporate visual cues, educational materials, activities, contests, and e-messages to deliver targeted messages. This study's primary outcomes are children's minutes of non-sedentary activity and diet quality.

Secondary outcomes will assess: children's body mass index, food and physical activity practices in the child care center and at home, and health behaviors of child care providers and parents.

PI: Ward

10/23/14-12/31/17

North Carolina Blue Cross and Blue Shield  
Foundation Award

**Expanding Go NAP SACC's Reach through Online Consultant Support Tools**

The Nutrition and Physical Activity Self-Assessment for Child Care (NAP SACC) was originally developed in 2003 as a program to help child care centers promote healthy weight development in children 2 to 5 years of age. From 2012 to 2015, the Go NAP SACC project has worked to update the original NAP SACC materials and move to an interactive online delivery platform that could be used directly by child care programs. This project continues development of these online tools to support its dissemination, including the creation of additional online tools for Go NAP SACC Consultants (public health professionals who facilitate the program's dissemination and implementation).

**R01-DK093838**

PI: Neelon

01/01/13-12/31/17

Johns Hopkins University/NIH

**Preventing Obesity in Infants and Toddlers (Baby NAP SACC)**

The goal of this research project is to refine and test an innovative intervention to increase the healthy weight development of infants and toddlers in child care settings. This project builds off of previous work with the NAPSACC program, but will incorporate modifications that target the specific needs of infants and toddlers.

Role: Co-Investigator

R01HL112787-01A1

PI: Beets

8/21/12-05/31/16

University of South Carolina/NIH

\$25,209

**Physical Activity and Nutrition Intervention in Afterschool Programs**

This project is evaluating the effectiveness of two promising strategies to promote physical activity and nutrition in afterschool programs (ASP): (1) professional development training designed to increase the amount of physical activity children accumulate while attending an ASP and (2) a site-level intervention that focuses on altering purchasing decisions and reducing price barriers to improve the quality of snacks children consume.

Role: Sub Contractor

U01HL103561-01

PI: Stevens

07/01/10-06/30/17

NIH/NHLBI

\$639,197

**Childhood Obesity Prevention and Treatment Research Coordinating Unit**

This purpose of this project is to create a Research Coordinating Unit that supports and enhances a consortium of 4 field centers conducting trials of obesity prevention or treatment in children.

Role: Investigator



PI: Ammerman

01/01/13-06/30/14

Robert Wood Johnson Foundation

**Evaluating the impact of the Veggie Van program in underserved communities on youths' dietary intake**

This study will evaluate the impact of the "Veggie Van" mobile market, a van service that sells weekly boxes of reduced-cost, fresh, North Carolina-grown fruits and vegetables and provides nutrition education, taste testing, and cooking demonstrations on children's intake of fruits, vegetables, and added sugars. Researchers will use a randomized controlled trial design with 12 sites (e.g., child care centers, lower-income housing, churches) located in lower-income or low food access areas (6 intervention, 6 control). Data will be collected from approximately 180 parents with a child aged 3-10 (15 at each site).

Role: Investigator

1R21CA134986

PI: Ward

12/1/09-11/31/11

National Cancer Institute

\$275,000

**HomeSTEAD: the Home Self-administered Tool for Environmental Assessment of Activity and Diet**

The objective of this research project is to develop HomeSTEAD, the Home Self-administered Tool for Environmental assessment of Activity and Diet, and provide evidence for the reliability of scores and validity of inferences from this instrument. The current project includes three aims. Aim 1 consists of developing candidate items for a self-administered measure of home environmental factors hypothesized to impact diet and physical activity behaviors of children (age 3-12 y).

DK56350

PI: Zeisel

04/01/06 - 03/31/11; 04/01/11-01/01/14

NIH/NIDDK

**UNC Clinical Nutrition Research Center**

The Center, housed in the Schools of Public Health and Medicine, works to combine basic nutrition and studies of populations in an effort to answer questions on how the food we eat affects our bodies. The services offered by the Clinical Nutrition Research Center makes it possible for investigators, inside and outside of the discipline of nutrition, to apply cutting edge nutrition methods in their research.

Role: Co-Investigator

U48/DP001944

PI: Ammerman

09/30/09 - 09/29/14

CDC

**Center of Excellence for Training and Research Translation**

The primary purpose of this project is to provide ongoing training for public health practitioners and translate intervention research into practice and replicable models and tools for dissemination to practitioners.

Role: Senior Associate

R01 PI: Linnan 09/01/10 - 08/31/12  
NIH/National Cancer Institute

**Physical Activity Intervention in Black Barbershops**

The proposed research will yield important information required to develop a multi-level physical activity intervention that is culturally and contextually appropriate for Black men who suffer alarming disparities in health.

Role: Investigator

64167 PI: Ward 4/1/08-3/31/09  
Robert Wood Johnson Foundation

**Development of a Self-Report Instrument Measuring the Child Care Physical Activity Environments of Child Care Settings**

The overall goal of this project is to create a valid and reliable self-report instrument that can be used to measure the physical activity environment of child care settings.

1 R01 HD50981-01 PI: Ammerman 08/01/05 - 07/31/10  
NICHD

**Primary Care and Communities Tackling Obesity in Kids**

Goals: To conduct a three phase project in an existing primarily rural practice network serving Medicaid families. Phase I: Refine culturally appropriate, evidence-based, and theory-driven intervention materials and strategies to guide clinic-based interventions. Phase II: Conduct a randomized controlled trial to determine the effectiveness and cost-effectiveness of the Provider Toolkit and LC Manager interventions on 4-11 year old Medicaid children, and assess intervention impact on providers. Phase III: Determine whether primary care providers, after implementing a practice-based, pediatric obesity intervention in the clinical setting (Phase II) can subsequently initiate environmental/policy change in their local communities.

Role: Investigator

PI: Moore 09/19/05 - 08/31/08  
NCSU/NIH (subcontract) (no cost extension)

**Measuring Physical Activity Affordances in Preschool Outdoor Environments**

The specific research goal of this study is to identify discriminatory environmental items in preschool play areas to be included in a pilot tool that will rate their potential to produce physical activity when three-to-five year-old children are exposed to them.

Role: Investigator

1R21DK073044-01 PI: Ward 10/01/05-9/30-07  
NIDDK

**Healthy Weight: Linking Child Care Centers with the Home**

This proposal describes a child care-home intervention that uses a previously developed intervention (NAP SACC) designed to change the nutrition and physical activity environments at the child care center with a simultaneous home-based, family component (to be called NAP SACC Family) that includes parenting skills training, home visits, resource material, and telephone support to prevent overweight in children aged 3-5 years.

U48/DP000059-02      PI: Ward      09/30/05 – 09/29/07  
CDC (SIP 16-05)

**Promoting Healthy Weight through Child Care: The NAP SACC Program**

This proposal will test the effectiveness of an environmental and policy intervention to blunt the increase in body mass index (BMI) in 3-5 year old children over the course of a one year period. The project will use a previously developed program (Nutrition and Physical Activity Self-Assessment for Child Care) designed to improve the nutrition and physical activity environment at the child care center.

S3407-23/23      PI: Ward      10/01/04 - 09/30/06  
CDC and Schools of Public Health

**Evaluation of the Nutrition and Physical Activity Assessment for Child Care (NAPSACC)**

Project to evaluate the effectiveness of a nutrition and physical activity intervention (includes self-assessment by center directors and technical assistance provided by child care health consultants). Evaluation plan includes observational assessment at the child care center.

RFA HL-00-01      PI: Stevens      09/29/00 – 09/28/07  
National Heart, Lung and Blood Institute

**Trial of Activity for Adolescent Girls (TAAG)**

To establish a Coordinating Center for a multicenter study to test the hypothesis that a multicomponent school-based and community-linked intervention can prevent a decline in physical activity levels and cardio respiratory fitness in middle school girls.

01158-02      PI: Ward      08/01/03 – 07/31/07  
The Gatorade Company

**Get Kids in Action Partnership, LINC Research Program**

The purpose of the LINC project is to design and implement a pilot intervention that links clinicians and families for the purpose of preventing obesity in children ages 5 – 8 years. Formative studies, pilot studies, and a vanguard study will be conducted during the four years of the program.

R01 ES12397-01      PI: Ward      09/30/02 - 08/31/05  
National Institute of Environmental Health  
Science

**Non-motorized Travel to School**

Research project to compare two methods of facilitating children's active travel to school, promotion using the Walk to School Day and Walk to School Day plus a community coalition to focus on developing safe routes to school.

CDC U48/CCU409660 PI: Ward  
SIP-9

09/28/02 - 09/27/04

Centers for Disease Control & Prevention

**National Evaluation of Walk to School Project**

A two-phase project to determine the current practices and impact of Walk to School programs across the United States. Phase 1 is a national survey of Walk to School coordinators and Phase 2 is a cross case-control study of select schools to provide an in-depth review of Walk to School programs and their impact.

01158-02 PI:  
NCDHHS Subcontract (CDC)

05/29/02 - 06/30/03

**Evaluation of Healthy Weight Initiative: The NAP-SACC Project**

The purpose of this project is to design an overall strategy to evaluate the Nutrition and Physical Activity Self-Assessment for Child Care in six North Carolina counties, including study design, data collection, and analysis.

Role: Evaluator

PI:  
NCSU Subcontract (USDA)

10/01/02 - 09/30/03

**Evaluation of Color Me Healthy**

Purpose: The purpose of this project is to conduct an evaluation of the Color Me Healthy curriculum and training program.

Role: Evaluator

1-R01-HD39183-01 PI: Popkin  
National Institute of Child Health &  
Development

09/28/00 - 06/30/04

**Beyond Race: Explaining Inequality Manifested as Obesity**

Research project on overweight and patterns of physical activity and inactivity in American youths as they make the transition from adolescence to adulthood, using data from the 3 waves of the National Longitudinal Study of Adolescent Health.

Role: Investigator

1R01DK-HL57402-02 PI: Ammerman  
National Institutes of Health

09/30/99 - 09/29/02

**Obesity Prevention Intervention for African American Girls**

Pilot study to collect formative data on individual, household, community and ecological factors effecting diet and physical activity among African American girls and others in their familial and social networks.

Role: Investigator





HL 57775	PI: Pate	1997-2001
National Institutes of Health		. \$2,310,900.
<b>Promotion of Physical Activity in High School Girls</b>		
Role: Investigator		
SIP	PI: Pate	1994-1997
Centers for Disease Control and Prevention		\$96,375
<b>Physical activity training for public health professionals</b>		
Role: Investigator		
#	PI: Pate	1993-1998
Centers for Disease Control and Prevention		\$94,860
<b>Promotion of Physical Activity among Youth: Implementation of DASH Guidelines.</b>		
Role: Investigator		
#	PI: McKeown	1993-1998
Centers for Disease Control and Prevention		\$31,000
<b>Physical Activity and Nutrition in Pregnancy</b>		
Role: Investigator		
HL	PI: Pate	1993-1996
National Institutes of Health		\$792,873.
<b>Physical Activity Promotion in Adolescent Youth</b>		
Role: Investigator		
USC	PI: Ward	1993-94
Research and Productive Scholarship Committee		\$1488
Role of osmotic and hydrostatic pressures in fluid redistribution during skeletal muscle contraction		
#	PI: Pate	1992-93
Centers for Disease Control and Prevention		\$85,000
Guidelines for the promotion of physical activity in youth.		
Role: Investigator		
#AHA	PI: Ward	1991-92
American Heart Association, SC Affiliate		\$20,000
Effect of osmotic change on contracting and resting skeletal muscle.		
#	PI: Bar-Or	1988
Ontario Ministry of Tourism and Recreation		\$15,000
<b>The use of ratings of perceived exertion for exercise prescriptions in wheelchair bound children and young adults</b>		
Role: Investigator		

#USC	PI: Ward	1987
Research and Productive Scholarship.		\$1200
<b>Usefulness of a perceived exertion scale for exercise prescription with obese youth.</b>		
#	PI: Ward & Bar-Or	1986-87
Fitness and Lifestyle Canada		\$13,500
<b>The usefulness of a perceived exertion scale for exercise perception with obese youth</b>		
USC	PI: Williams	1981
NIH Biomedical Research Assistance Grant.		\$4500
Analysis of neuromuscular control in early and middle childhood.		
Role: Investigator		
USC	PI: Hohn	1981
Research and Productive Scholarship		\$2,304
Comparison of academic learning time of handicapped and non-handicapped students in a mainstreamed educational setting.		
Role: Investigator		
#	PI: Ward	198-82
Centers for Disease Control/SC DPH		\$77,930
<b>South Carolina intervention project for childhood and adolescent obesity</b>		
#USC	PI: Ward	1980
NIH Biomedical Research Assistance Grant		\$3669
<b>Effects of a dietary and exercise program on lipid metabolism and blood pressure</b>		
# USC	PI: McClenaghan	1979
NIH Biomedical Research Assistance Grant		\$1000
The effects of a physical conditioning program and conscious relaxation on increasing the asthmatic's tolerance to physical stress		
Role: Investigator		