

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2.
Follow the sample format on preceding page for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Ward, Dianne Stanton	POSITION TITLE Professor of Nutrition		
eRA COMMONS USER NAME dsward			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Coker College, Hartsville, South Carolina	B.S.	1968	Physical Education
University of North Carolina at Greensboro	M.S.	1971	Physical Education
University of North Carolina at Greensboro	Ed.D.	1979	Physical Education
McMaster University	Post-Graduate	1985-1986	Pediatrics
University of South Carolina, School of Medicine	Post-Graduate	1989-1990	Physiology

A. Personal Statement

The goal of the proposed research is to assess the impact of a 3-component intervention (provider, home & business) targeting the family child care home provider to affect the physical activity and dietary behaviors of young children during the child care experience. I will serve as overall Co-PI with Dr. Truls Østbye, Professor of Community and Family Medicine at Duke University, as we lead our integrated research team in the development, implementation, and assessment of this intervention study. I have the expertise, experience, and leadership ability to successfully carry out the proposed work based on more than 20 years of experience implementing obesity prevention interventions. I have been PI for several NIH and CDC projects and have held leadership roles in my institution. For the past 8 years, my work has focused on preschool aged children in child care settings. I was part of the team that developed the NAP SACC program and I currently serve as NAP SACC Director. Results from the evaluation of the NAP SACC program were published in 2008 (AJPM, 2008) and the program was selected for inclusion in the Center for Training and Research Translation sponsored by CDC. The NAP SACC program has been widely disseminated and aspects of the program were recently included in the First Lady's Let's Move Child Care initiative. In addition to the publication of the NAP SACC results, we published the first paper presenting comprehensive best practice physical activity guidelines for child care (Pediatrics, 2009). Along with my research team, we developed the first assessment tool designed to evaluate the nutrition and physical activity characteristics at childcare setting, and this instrument is among the most widely used to assess child care healthy weight environments. My administrative experiences are numerous, having served as associate dean and dean of a school of public health, and I have successfully administered all aspects of research process including staffing, research protections, and budgeting. I have collaborated with other researchers, and produced several peer-reviewed publications from each project. My success as a researcher is grounded in the development of a strong team, based on good communication, clear role assignments, and regular meetings. In summary, I have a demonstrated record of successful and productive research projects in an area of high relevance, and my expertise and experience has prepared me to lead co-lead this project. Also, I have collaborated with Dr. Østbye and his team for over one year; we have a collegial and productive relationship, meeting regularly in person and by phone.

B. Positions and Honors

Positions and Employment

1994-1998	Associate Dean, School of Public Health, University of South Carolina
1995-1998	Professor, Dept. of Exercise Science, School of Public Health, U. of South Carolina
1995-1998	Adjunct Professor, Dept. of Pediatrics, School of Medicine, U. of South Carolina
1997-1998	Interim Dean, Dean's Office, School of Public Health, University of South Carolina
1998-2001	Associate Dean for Administration, Gillings School of Global Public Health, UNC Chapel Hill
1998-present	Professor, Dept. of Nutrition, UNC Gillings School of Global Public Health, UNC Chapel Hill
1999-present	Adjunct Professor, Dept. of Exercise Science, U. of South Carolina
2002-2004	Associate Chair, Dept. of Nutrition, University of North Carolina at Chapel Hill

2001-present Research Fellow, UNC Center for Health Promotion and Disease Prevention
2003-present Fellow, UNC Highway Safety Research Center
2009-present Mentor Faculty, UNC Center for Developmental Science

Awards/Recognitions

1992 Fellow, American College of Sports Medicine
1994 Delta Omega, Honorary Public Health Society
1996 Public Health Education Advocate Award, SC Department of Health and Environmental Control
2001 Distinguished Alumni, School of Health and Human Performance, UNC Greensboro
2005-2010 Chartered Member of the NIH Study Section: Community Influences on Health Behavior
2009-present Education Sector Chair, Physical Activity National Plan

C. Selected Peer-reviewed Publications (in chronological order)

Ball S, Benjamin S, and Ward DS. Development and reliability of an observation method to assess food intake of young children in child care. *J Am Diet Assoc.* 2007; 107(4):656-61.

Benjamin SE, Ammerman A, Sommers J, Dodds J, Neelon B, and Ward DS. Nutrition and physical activity self-assessment for child care (NAP SACC): Results from a pilot intervention. *J Nutr Educ Behav.* 2007 May-Jun; 39(3):142-9.

Ammerman AS, Ward DS, Benjamin SE, Ball SC, Sommers JK, Molloy M, and Dodds JM. An intervention to promote healthy weight: Nutrition and physical activity self-assessment for child care (NAP SACC) theory and design. *Prev Chronic Dis.* 2007 Jul; 4(3):A67.

Benjamin SE, Neelon B, Ball SC, Bangdiwala SI, Ammerman AS, and Ward DS. Reliability and validity of a nutrition and physical activity environmental self-assessment for child care. *Int J Behav Nutr Phys Act.* 2007 Jul; 4:29.

Bower JK, Hales DP, Tate DF, Rubin DA, Benjamin SE, and Ward DS. The childcare environment and children's physical activity. *Am J Prev Med.* 2008 Jan; 34(1):23-9.

Ball SC, Benjamin SE, and Ward DS. Dietary intakes in North Carolina child-care centers: are children meeting current recommendations? *J Am Diet Assoc.* 2008 Apr; 108(4):718-21.

Ward D, Hales D, Haverly K, Marks J, Benjamin S, Ball S, and Trost S. An instrument to assess the obesogenic environment of child care centers. *Am J Health Behav.* 2008 Jul-Aug; 32(4):380-6.

Benjamin SE, Tate DF, Bangdiwala SI, Neelon BH, Ammerman AS, Dodds JM, Ward DS. Preparing child care health consultants to address childhood overweight: a randomized controlled trial comparing web to in-person training. *Matern Child Health J.* 2008 Sep;12(5):662-9.

Ward DS, Benjamin SE, Ammerman AS, Ball SC, Neelon BH, Bangdiwala SI. Nutrition and physical activity in child care: results from an environmental intervention. *Am J Prev Med.* 2008 Oct;35(4):352-6.

Benjamin SE, Haines J, Ball SC, Ward DS. Improving nutrition and physical activity in child care: what parents recommend. *J Am Diet Assoc.* 2008 Nov;108(11):1907-11.

McWilliams C, Ball SC, Benjamin SE, Hales D, Vaughn A, Ward DS. Best-practice guidelines for physical activity at child care. *Pediatrics.* 2009 Nov 16. [Epub ahead of print].

Ward DS, Vaughn A, McWilliams C, Hales D. Physical activity at child care settings: Review and research recommendations. *Am J Lifestyle Med.* 2009; 3:474 originally published online Jul 28, 2009.

Trost SG, Ward DS, Senso M. 2010 Effects of Child Care Policy and Environment on Physical Activity. *Med Sci Sports Exerc.* [Epub ahead of print]

Ward DS, Vaughn A, McWilliams C, Hales D. 2010. Interventions for Increasing Physical Activity at Child Care. *Med Sci Sports Exerc.* 2010 Jan 8. [Epub ahead of print].

Ward DS, Vaughn A, Bandawala K, Campbell M, Jones D, Panter A, Stevens J, Integrating a family-focused approach into child obesity prevention: Rationale and design for the My Parenting SOS study randomized control trial. *BMC Public Health.* 2011; 11:431

D. Research Support

Ongoing Research Support

ACTIVE

1R01HL091093-01A1 (Ward)

07/01/08 - 06/30/13

3.0 calendar

NIH/NHLBI

\$599,185

Healthy child weight through improved parent practices and environmental change

This proposal describes an innovative, theory-driven intervention that promotes general parenting skills and the role of parenting style on the development of children's nutrition and physical activity behaviors that affect the

development of healthy weight. Families will be recruited through child care centers to participate in a 12 mo intervention that uses parenting classes, parental support (group & individual phone calls), and child programs to promote effective parenting and changes in the home environment. Role: PI

1R21CA134986 (Ward)

12/1/09-11/31/11

1.8 Calendar

NIH

\$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 (Zeisel)

04/01/06 - 03/31/11 1.2 calendar

NIH/NIDDK

\$749,322

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: Investigator

1U01HL103561-01 (Stevens)

7/1/10-6/30/17

0.6 calendar

NIH/NHLBI

\$3,478,221

Childhood Obesity Prevention and Treatment Research Coordinating Unit

This U01 will support a Research Coordinating Unit that will support and enhance a consortium of 4 field centers conducting trials of obesity prevention or treatment in children.

U48/DP001944 (Ammerman)

09/30/09 - 09/29/14 0.6 calendar

CDC

\$587,963

Center of Excellence for Training and Research Translation

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

R01 (Linnan)

09/01/10-08/31/12 0.6 calendar

NIH

\$150,000

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.

No Number (Ward)

03/01/201-08/31/13 0.6 calendar

North Carolina Partnership for Children

\$50,000

Taking SHAPE – Implementation Strategies for addressing obesity prevention through child care.

This project is a partnership between the Blue Cross and Blue Shield of North Carolina (BCBSNC) Foundation and The North Carolina Partnership for Children, Inc. (NCPC) designed to increase the capacity for child care providers to address healthy weight development. Shape NC will build upon existing NCPC networks across the state to target children in child care facilities, their families and child care professionals to increase knowledge and awareness of nutrition and the importance of physical activity.

No Number (Ward)	04/01/2011-06/30/2011	0.5 calendar
McKing Consulting Corporation	\$43,504	
Updating the NAPSACC program for the Let' Move Initiative in Child Care		

The NAP SACC program, created at UNC, will serve as the basis for a national initiative as part of the White House Let's Move campaign. This project will update the NAP SACC program materials for six priority areas: (1) beverages (water, milk, 100% fruit juice, and sugar-sweetened beverage), (2) fruits and vegetables, (3) fats (fried foods), (4) feeding practices (family-style meals), (5) breastfeeding, and (6) TV viewing. We will update our review of recent policy recommendations and research literature, make modifications to the self-assessment instrument and action planning tool, consult with the CDC's technology consultant to create on-line self-assessment materials and action planning guide, and create educational webinars for health professionals on updates to the six priority areas.

No Number R13 (Ward)	04/01/11-03/31/12	0.12 calendar
NIH	\$30,000	

A Research Agenda for Healthy Weight Development at Child Care Facilities
We propose to hold a conference to focus on the identification of research needs that will allow the development of high quality evidence that can be translated into policies and practices with the potential to affect the development of healthy weight.