

Curriculum Vitae

Margaret R. Savoca
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Department of Nutrition
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EDUCATION

- | | |
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| Postdoctoral Fellow
<i>Medical College of Georgia, Dept. of Pediatrics, Georgia Prevention Institute</i>
Cardiovascular risk factors among children and adolescents | 2003-2004 |
| Doctorate of Philosophy
<i>University of North Carolina Greensboro</i>
Dissertation topic: Food Habits of People with Type 2 Diabetes Mellitus | 2002 |
| Master of Science
<i>University of North Carolina</i>
Thesis topic: A Qualitative Analysis of the Lifestyle Characteristics of People with Type 2 Mellitus | 2000 |
| Bachelor of Science
<i>Douglass College, Rutgers the State University of New Jersey</i>
Home Economics | 1974 |

EXPERIENCE

- | | |
|---|----------------|
| Assistant Professor
<i>University of North Carolina at Greensboro, Dept. of Nutrition</i> <ul style="list-style-type: none">• Teach undergraduate and graduate courses as assigned.• Provide curriculum and academic advising to undergraduate students.• Develop and lead an independent applied nutrition t research program including seeking external funding.• Mentor graduate students and integrate their research into overall research program.• Provide departmental, school, and university service. | 8/2005-present |
| Adjunct Assistant Professor
<i>Medical College of Georgia, Dept. of Pediatrics, Georgia Prevention Institute</i> <ul style="list-style-type: none">• Oversee research activities related to R21 data collection.• Conducted and report focus group assessment for Lifeskills research | 8/2005-2008 |

Assistant Research Scientist

6/2004-8/ 2005

Medical College of Georgia, Dept. of Pediatrics, Georgia Prevention Institute

- Oversee research activities related to R21 data collection.
- Conducted and report focus group assessment for Lifeskills research
- Provide nutrition research background for proposal development for faculty.
- Complete analysis and manuscript for G. Harshfield dietary protocol.

Senior Research Manager

1993-1996

R.J. Reynolds Tobacco Company, Research & Development, Winston Salem, North Carolina

- Managed new business development team responsible for technology transfer function of RJR research and development.
- Led technology transfer projects for automated continuous VOC emissions monitor and nicotine analog for neurodegenerative diseases, e.g. Alzheimer's Disease.

Research Manager – Sensory Evaluation

1981-1992

R.J. Reynolds Tobacco Company, Research & Development, Winston Salem, North Carolina

- Lead 20 person staff of sensory analysts and scientists who developed and conducted 300 sensory evaluation tests among employee participants.
- Develop new testing methods for environmental tobacco smoke and new generation products.
- Oversaw the design and construction of four major sensory testing facilities in four US locations and Germany.

Served as sensory evaluation consultant to RJR operations in Germany, Japan, and Malaysia.

JOURNAL PUBLICATIONS

Savoca M, Miller C. (2001) Food selection and eating patterns: themes found among women with type 2 diabetes mellitus. Journal of Nutrition. Education **33**:224-233.

Savoca, M. R., C. K. Miller, et al. (2004). Profiles of people with type 2 diabetes mellitus: the extremes of glycemic control. Social Science & Medicine **58**(12): 2655-2666.

Savoca, M. R., C. D. Evans, et al. (2004). The association of caffeinated beverages with blood pressure in adolescents. Archives of Pediatric & Adolescent Medicine **158**(5): 473-477.

Savoca, M. R., C. K. Miller, et al. (2004). Food habits are related to glycemic control among people with type 2 diabetes mellitus. Journal of the American Dietetic Association **104**(4): 560-566.

Savoca, M. R., Mackey, LM, et al. (2005). The association of ambulatory blood pressure and caffeine in adolescents. American Journal of Hypertension **18**:116-120.

Savoca, M.R., Evans, C.D.Evans et al (2007). A four-day sodium-controlled diet reduces variability of overnight sodium excretion in free-living adolescents. Journal of the American Dietetic Association **107**:490-494

Savoca MR, Quandt, SA, et al (2009). Views of hypertension among young African Americans who vary in their risk of developing hypertension. Ethnicity & Disease. 19:28-34.

Arcury TA, Bell RA, Anderson AM, Chen H, **Savoca MR**, Kohrman T, Quandt. Oral health self-care behaviors of rural older adults. J Pub Health Dentistry. Accepted December, 2008.

Bell R, Arcury T, Chen H, Anderson A, **Savoca M**, Kohrman T, Quandt S. Use of tobacco products among rural older adults: prevalence of ever use and cumulative lifetime use. Addictive Behaviors. Doi:10.10.16/2009.03.031

Quandt S, **Savoca M**, Chen H, Bell R, Anderson A, Kohrman T, Gilbert T. Food Avoidance and Modification Practices of Older Rural Adults. The Gerontologist. In Press
Quandt S, Chen H, Bell R, Anderson A, **Savoca M**, Kohrman T, Gilbert T. Disparities in Oral Health Status Among Older Adults in a Multi-Ethnic Rural Community: The Rural Nutrition and Oral Health Study. J American Geriatrics Society. In Press

Savoca, M, Arcury, t. Leng X, Bell R, Chen H, Anderson An, Kohrman T, Quandt S. The Diet Quality of Rural Older Adults in the South as Measured by HEI-2005 Varies by Ethnicity. The Journal of the American Dietetic Association. In Press

Savoca, M, Arcury, t. Leng X, Chen H, Bell R, Anderson An, Kohrman T, Frazier R, Gilbert G, Quandt S. Severe Tooth Loss in Older Adults as a Key Indicator of Compromised Diet Quality. Public Health Nutrition. In press.

PUBLISHED ABSTRACTS

Hatfield, J.L., **MR Savoca**, I. Stallmann-Jorgensen, M.C. Humphries, P. Barbeau, B. Gutin. Low intake of dietary iron among teenage girls is associated with insoluble fiber and energy intake. Journal of the American Dietetic Association, 2003, 103 (suppl 1): A-23.

Savoca MR, I. Stallmann-Jorgensen, JL Hatfield, MC Humphries, P. Barbeau. DA Ludwig, B. Gutin. Association between eating habits reported by adolescents during dietary recalls and self-reported energy intake. Journal of American Dietetic Association, 2003, 103 (suppl 1): A-24.

Savoca MR, Evans CD, Wilson, ME, Ludwig, DA, Harshfield, GA Caffeinated Intake is associated with Systolic Blood Pressure in African American (AA) but not Caucasian Adolescents. Annals of Behavioral Medicine, 2004,27 (suppl): S126.

Savoca MR, Mackey, L, Evans CD, Wilson, ME, Ludwig, DA, Harshfield, GA. 4-day sodium controlled diet lowers sodium excretion in adolescents prior to a competitive stress protocol. Annals of Behavioral Medicine, 2005, 29 (suppl): S012.

Flint T, Bradfield A, Quandt S, **Savoca MR**. Variations in meal patterns of young African American Adults are associated with their hypertension risk profiles. Annals of Behavioral Medicine, 2008,35 (suppl): D109

S.Quandt, R.Bell, H.Chen, **M.Savoca**, T.Kohrman, A.Ruggiero, T.Arcury. Oral Health Status of Rural Older Adults in a Multi - Ethnic Community. Program No. 220-5. 2008 Abstract Viewer. National Harbor, MD: The Gerontological Society of America

PUBLICATIONS IN REVIEW

Durham H, Lovelady C, Carter-Edwards L, Brouwer R, Peterson B, **Savoca M.R**, Ostbye T. Behavioral predictors of weight change from two to six months postpartum among overweight and obese women. (In revision)

Savoca, M, Arcury, t. Leng X, Chen H, Bell R, Anderson An, Kohrman T, Frazier R, Gilbert G, Quandt S. Food Avoidance and Food Modification Practices are related to the Dietary Quality of Rural Older Adults. JAGS. Revised and Resubmitted.

Arcury T, Bell R, , Chen H, Anderson A, **Savoca M**, Kohrman T, Quandt S. Association of Social Engagement and Social Interaction with Oral Health among Rural Older Adults. J Gerontology: Social Sciences. Under review.
 Bell R, Arcury T, Chen H, Anderson A, **Savoca M**, Kohrman T, Quandt S. Tobacco Use and Oral Health Conditions in an Ethnically Diverse Sample of Rural Older Adults. Community Dentistry and Oral Epidemiology. Submitted August, 2009.

GRANTS SUBMITTED

PI Pilot Project1P20MD002289-01 NCMHD–“Development of Instruments for Tailored Interventions to Prevent and Treat Hypertension among Young African American Men”TRIAD Center for Health Disparities” (D. Wallace, PI). Awarded.
 PI R21-HL077502-01 NHLBI “Risk of Hypertension: Young Adult Lifestyle & Parental Influence”. Awarded

CURRENT FUNDING

Co-I 5R01DE017092-10 “Rural Older Adults: Oral Health, Diet, and Quality of Life”, Sub-contract Wake Forest University, School of Medicine, PI Sara Quandt \$60,570 (sub-contract)	9/2007–1/2010
PI Pilot Project1P20MD002289-01 NCMHD– PI of Pilot Project “Development of Instruments for Tailored Interventions to Prevent and Treat Hypertension among Young African American Men”TRIAD Center for Health Disparities ” (D. Wallace, PI) \$107,000.	6/2008–5/2010

PAST FUNDING

Consultant 2R42HL072644-02A1 NHLBI “Impact of Lifeskills on blood pressure in youth” 2/07-1/09, PI Vernon Barnes, Medical College of Georgia. N/A	2/2007 - 1/2009
PI R21-HL077502-01 NHLBI “Risk of Hypertension: Young Adult Lifestyle & Parental Influence” \$287,000	8/1/2004 – 5/31/2007
Co-I R01-HL69999 NHLBI “Stress Induced Mechanisms of Hypertension Risk”, PI: G. Harshfield, Medical College of Georgia	4/2003 - 8//2007
Co-I R01-HL073260-01 NHLBI “Impaired Sodium Regulation and BP in Obese Youth” PI: G. Harshfield, Medical College of Georgia	10/2003–8/2004
Co-I R41-HL072644 NHLBI “Impact of LifeSkills Training on Blood Pressure in Youth” PI: V. Barnes, Medical College of Georgia	9/2003 - 8/2005

TEACHING EXPERIENCE

Directed Study in Nutrition –Cooking Classes for Teen Moms – Atkins and Janjoint (UG) and Kenner and Scripa (PhD)	Spring 2009
Intermediate Nutrition (NTR 413)	Fall 2008
Nutrition Education (NTR 607)	Spring 2008
Intermediate Nutrition (NTR 413)	Fall 2007
Current Topics in Nutrition: Mediterranean Diet (NTR 623)	Spring 2007
Directed Study in Nutrition (NTR 601)–Joel Anderson, PhD Student	Spring 2007
Nutrients and Phytochemicals in Health (NTR 413)	Fall 2006
Nutrition Education (NTR 607)	Spring 2006
Current Topics in Nutrition: Nobel Prize & Nutrition (NTR 623)	Fall 2005

	Fall 2004
	Fall 2005
Research Methods – Applied Research Lectures (2 lectures)	Spring 2007
	Spring 2008
	Spring 2009
Graduate Committee Membership	
Holiday Durham- PhD Committee member	2005-2008
Carinthia Cherry – PhD Committee member	2006-present
Heather Collieran – PhD Committee member	2007-present
Tara Flint – Masters Committee Chair	2006-present
Tiffany Morton – Masters Committee Chair	2007-present
Ioana Scripa – Masters Committee Member	2006-2008
LaCrystal Strong – Masters Committee Member	2009-present
HONORS	
HES Excellence Award for Teacher of the Year	2008-2009
Recipient of HES technology grant award	2007-2008
HES Excellence Award for Advisor of the Year	2006-2007
Fellow, 6 th Annual Summer Institute on Randomized Clinical Trials involving Behavior Interventions sponsored by the Office of Behavioral and Social Sciences Research – National Institute of Health.	2006
Naomi G. Albanese Doctoral Fellow, School of Human Environmental Sciences, University of North Carolina - Greensboro	1999-2002
Outstanding Graduate Student Award, School of Human Environmental Sciences, University of North Carolina - Greensboro	1999-2000
Strong, Smart, and Bold Award for Outstanding Leadership, Girls Club of America	1995
Corporate Volunteer of the Year, Girls Club of America	1994
PROFESSIONAL ACTIVITIES	
Reviewer	
Ethnicity & Disease	
Journal of the American Dietetic Association	
Journal of Nutrition Education and Behavior	
Social Science & Medicine	
Psychosomatic Medicine	
Professional Membership	
Society for Behavioral Medicine Abstract Reviewer for Annual Meeting	
Society for Nutrition Education and Behavior	
American Society for Nutrition	
SERVICE	
Member of UNCG Merit Award Interview panel - 2009	
Library Liaison for Nutrition Department – 8/2005 - 2008	
Chair of Nutrition Applied Research Laboratory Committee – 8/2006 -present	

Chair of Nutrition Scholarship Committee – 8/2005- 2008
Member of HES Scholarship Committee – 8/2005 - 2008
Member of Nutrition Executive Committee – 8/2007 - present
Member of Nutrition Search Committee – 8/2006 – 6/2007
Member of Children & Family Research Network – 8/2007 – present
Member of Dept. of Nutrition Graduate Committee – 8/2008 - present

COMMUNITY ACTIVITIES

The UNCG Center for Research Excellence in Bioactive Food Components Nutrition Learning Laboratory. "Secrets of the Mediterranean Diet, June 4, 2008.
"Childhood Obesity in North Carolina" presented to Starmount Rotary Club, Greensboro, NC, April 25, 2008.
Samaritan Ministries Soup Kitchen, Winston Salem
Piedmont Triad Slow Foods
Salvation Army Boys and Girls Club Council (Winston Salem) – Council Member
Salvation Army Boys and Girls Club (Winston Salem) – Community Garden Chairperson

PRESENTATIONS

Savoca MR, Miller CK. Processes of change in the management of type 2 diabetes mellitus. Institute of Nutrition, University of North Carolina at Chapel Hill, Abstracts of Presentations, October 8,1999;26:A130.

Savoca, MR, Miller CK. Issues raised by supplement usage among people with type 2 diabetes mellitus. Society for Nutrition Education, Annual Meeting, Charleston, SC, Proceedings, July 22-26,2000;54:P50

Savoca MR, Miller CK. Relationship among stages of change, self-efficacy and type 2 diabetes mellitus. Society for Nutrition Education, Annual Meeting, Charleston, SC, Proceedings, July 22-26,2000;47:P23

Savoca MR, Miller CK. A model of the nutritional management of diabetes among a socially diverse population. Institute of Nutrition, University of North Carolina at Chapel Hill, Abstract of Presentations, October 12,2001:22:A125

Hatfield, J.L., **MR Savoca**, I. Stallmann-Jorgensen, M.C. Humphries, P. Barbeau, B. Gutin. Low intake of dietary iron among teenage girls is associated with insoluble fiber and energy intake. 2004 American Dietetic Association's Food & Nutrition Conference & Expo in Anaheim, CA, Oct.2-5, 2004

Savoca MR, I. Stallmann-Jorgensen, JL Hatfield, MC Humphries, P. Barbeau. DA Ludwig, B. Gutin. Association between eating habits reported by adolescents during dietary recalls and self-reported energy intake. 2004 American Dietetic Association's Food & Nutrition Conference & Expo in Anaheim, CA, Oct.2-5, 2004

Savoca MR, Evans CD, Wilson, ME, Ludwig, DA, Harshfield, GA Caffeine is related to stress-induced changes in diastolic blood pressure among African American adolescents. 2nd Annual Meeting of the International Association for Behavioral Nutrition and Physical Activity, Quebec City, Quebec, 2003. Available at: http://www.isbnpa.org/Meeting_2003/Saturday-%20oral%20abstracts.pdf

Evans CD, **Savoca MR**, Wilson, ME, Ludwig, DA, Harshfield, GA Self-reported Emotional Arousal during a Video Game Challenge is related to Stress-induced Changes in Blood Pressure. 2004 Annual Meeting of the American Psychosomatic Society in Orlando, Florida, March 3-6, 2004.

Savoca MR, Evans CD, Wilson, ME, Ludwig, DA, Harshfield, GA Caffeinated Intake is associated with Systolic Blood Pressure in African American (AA) but not

Caucasian Adolescents. 2004 Annual Meeting of the Society of Behavioral Medicine in Baltimore, MD, March 24-27, 2004.

Savoca MR, Mackey, L, Evans CD, Wilson, ME, Ludwig, DA, Harshfield, GA. 4-day sodium controlled diet lowers sodium excretion in adolescents prior to a competitive stress protocol. 2006 Annual Meeting of the Society of Behavioral Medicine in San Francisco, CA, March 22-25, 2006.

Savoca MR, Evans CD, Martin C, Harshfield GA, Ludwig DL, Quandt SA. Examining meal pattern timelines to understand eating practices of young adult African Americans differing in risk for essential hypertension. 2007 Annual Meeting of the Society of Behavioral Medicine in Washington, DC, March 21-24, 2007.

Claes, J., Cupito, S., **Savoca, M.**, Nwokah, E. & Charest, R. "Building community/university partnerships: Constructing My Sister's House ". Healthy Teen Network Conference, Albuquerque, N.M., October 30, 2008.

Howe P, **Savoca M.** Using Web 2.0 Tools to Enhance Critical Thinking, Research Tools and Presentation Skills in a Group Environment. 2008 Lilly Conference on College and University Teaching in Greensboro, NC, February 8-10, 2008.

Savoca M. Risk of Hypertension: Young Adult Lifestyle & Parental Influence. Nutrition Epidemiology Research and Applications Journal Club. Wake Forest University School of Medicine. Division of Public Health Sciences, Winston Salem, NC. April 11, 2008.

PRESENTATIONS ACCEPTED

Quandt S, Bell R, Chen H, **Savoca M**, Kohrman T, Ruggiero A, Arcury T. Oral Health Status of Rural Older Adults in a Multi-Ethnic Community. Gerontological Society of America 62 Annual Scientific Meeting, Atlanta. November 18-22, 2009.

DeFiglia T, Nwokah E, **Savoca M**, Bowman A, Morton T, Willingham R, Whitlow R. Nutrition Literacy in Adolescent Mothers: An interdisciplinary assessment and intervention project. North Carolina Speech, Hearing, and Language Association, 55th Annual Convention, Raleigh, NC. April 22-29, 2009

Tiffany Morton, Tara Flint, Conner Evans, **Margaret Savoca**. Mothers' Lifestyles are Related to Their Children's Gender and Hypertension Risk Category. Society for Behavioral Medicine Annual Meeting, Montreal Canada, April 22-26, 2009.

Tara Flint, Tiffany Morton, Allison Bradfield, Conner Evans, **Margaret Savoca**. Meal Patterns of African American Youth are Related to Systolic Blood Pressure. Society for Behavioral Medicine Annual Meeting, Montreal Canada, April 22-26, 2009. Awarded Student Excellence Award.

PRESENTATIONS SUBMITTED

Quandt S, **Savoca M**, Leng X, Chen H, Bell R, Anderson A, Kohrman T, Gilbert G, Arcury T. Oral Health, food avoidance and dietary quality in a multi-ethnic population of older adults. American Public Health Association 137th Annual Meeting, Philadelphia, November 7-11, 2009.

Nichols T, Evans C, Morton T, Flint T, **Savoca M**. "I guess it comes from being stressed out": Examining perceptions of stress and coping among African American mothers based on the hypertension risk of their adolescent child". American Public Health Association 137th Annual Meeting, Philadelphia, November 7-11, 2009.