
Janne Boone-Heinonen, PhD, MPH

boonej@ohsu.edu

(503) 494-9055

EDUCATION

PhD in Nutrition (Nutrition Epidemiology), 2009

University of North Carolina at Chapel Hill, Chapel Hill, NC

M.P.H. in Biostatistics and Epidemiology, 2003

Oregon Health and Science University, Portland, OR

B.S. in Biology, *cum laude*, 1997

Santa Clara University, Santa Clara, CA

RESEARCH INTERESTS

Janne Boone-Heinonen's research investigates individual and environmental determinants of physical activity, diet, and obesity, with particular interest in life course and neighborhood health research. Her current research investigates how maternal social and environmental factors interact with biological susceptibility to obesity arising during fetal development. She uses interdisciplinary cross-sectional and longitudinal statistical methods applied to population-based cohort studies to address methodological challenges of causal inference in obesity epidemiology.

HONORS & AWARDS

Pat Simons Travel Award (recognizing top young investigator abstracts submitted to The Obesity Society Annual Scientific Meeting), 2011

Dannon Nutrition Leadership Institute (selected based on accomplishments and leadership potential), 2011

Postdoctoral Award for Research Excellence, University of North Carolina at Chapel Hill, 2010

Delta Omega, Theta Chapter (honorary society for graduate studies in public health)

A. Hughes Bryan Outstanding Doctoral Student, Dept. of Nutrition, Univ. of North Carolina at Chapel Hill, 2009

Sandra Winn Green Scholarship, School of Public Health, University of North Carolina at Chapel Hill, 2008

Impact Award, Graduate Education Advancement Board, University of North Carolina at Chapel Hill, 2008

Public Health Disparities Geocoding Project Training Course, Harvard School of Public Health, June 2006.

Beta Beta Beta (biology honor society)

Presidential Scholarship, Santa Clara University: 1996-1997

FELLOWSHIPS & FUNDING AWARDED

Building Interdisciplinary Research Careers in Women's Health (BIRCWH, K12), Oct 2012-Sep 2014

Oregon Clinical and Translational Research Institute (OHSU's CTSA) (\$133,000), June 2012-June 2013

Collins Medical Trust Research Grant (\$29,801), Sep 2011-Aug 2012

Interdisciplinary Obesity Training Postdoctoral Fellowship (NIH T32), June 2009-May 2011

Robert Wood Johnson, Active Living Research Dissertation Grant (RWJF 65542; \$18,760), Dec 2008-Sep 2009

Centers for Disease Control and Prevention Dissertation Grant (R36-EH000380-01; \$30,704), Oct 2008-Sep 2009

Henry Dearman and Martha Stucker Dissertation Completion Fellowship (Society of Fellows), UNC, 2008-2009

Interdisciplinary Research Scholars Fellowship, University of North Carolina at Chapel Hill, Spring 2008

Nutrition Training Grant, National Institutes of Health: 2005-06, 2006-07

MEMBERSHIPS and REVIEWS

Member. The Obesity Society, 2009 to present

Ad Hoc Reviewer. American Journal of Epidemiology, American Journal of Preventive Medicine, BMC Public Health, BMC Research Notes, Childhood Obesity, Health Affairs, Health & Place, International Journal of Behavioral Nutrition and Physical Activity; International Journal of Obesity; Journal of Epidemiology & Community Health; Journal of Physical Activity and Health; Journal of Public Health Management & Practice; Journal of Urbanism, Landscape Research; Pediatric Obesity; Preventive Medicine; Preventing Chronic Disease; Public Health Nutrition, Research Quarterly for Exercise and Sport; Social Forces, Social Science and Medicine

PEER-REVIEWED JOURNAL PUBLICATIONS †Senior author

1. **Boone-Heinonen J**, Gordon-Larsen P. (2012) Obesogenic environments in youth: concepts and methods from a longitudinal national sample. *Am J Prev Med.* 42(5):e37-46.
2. Richardson AS, **Boone-Heinonen J**, Popkin BM, Gordon-Larsen P. Are neighbourhood food resources distributed inequitably by income and race in the USA? Epidemiological findings across the urban spectrum. (2012) *BMJ Open.* 2(2):e000698.
3. **Boone-Heinonen J**, Kiefe C, Lewis CE, Shikany J, Gordon-Larsen P, Popkin BM. (2011) Fast food restaurants and food stores: longitudinal associations with diet in young to middle-aged adults: The CARDIA Study. *Arch Int Med.* 171(13):1162-70.
4. Richardson AS, **Boone-Heinonen J**, Popkin BM, Gordon-Larsen P. (2011) Neighborhood fast food restaurants and fast food consumption: A national study. *BMC Public Health.* 11:543.
5. **Boone-Heinonen J**, Gordon-Larsen P. Life stage- and sex-specificity in the relationship between the built and socioeconomic environments and physical activity. *J Epid Comm Health.* 65(10):847-52.
6. **Boone-Heinonen J**, Diez Roux AV, Kiefe C, Lewis CE, Guilkey DK, Gordon-Larsen P. (2011) Neighborhood socioeconomic status predictors of physical activity throughout adulthood: The CARDIA Study. *Social Science and Medicine.* 72(5):641-9.
7. **Boone-Heinonen J**, Gordon-Larsen P, Guilkey D, Jacobs DR, Jr, Popkin BM. (2011) Environment and physical activity dynamics: The role of residential selectivity. *Psychology of Sport and Exercise* 12: 54-60.
8. **Boone-Heinonen J**, Popkin BP, Song Y, Gordon-Larsen P. (2010) What neighborhood area captures built environment features related to adolescent physical activity? *Health and Place.* 16(6):1280-6.
9. **Boone-Heinonen J**, Guilkey D, Evenson KR, Gordon-Larsen P. (2010) Residential self-selection bias in the estimation of built environment effects on physical activity between adolescence and young adulthood. *Int J Behav Nutr Phys Activity.* 7:70.
10. **Boone-Heinonen J**, Casanova K, Richardson AS, Gordon-Larsen P. (2010) Where can they play? Outdoor spaces and physical activity among adolescents in U.S. urbanized areas. *Prev Med.* 51:295-298.
11. Murtagh EM, Murphy MH, **Boone-Heinonen J**.† (2010) Walking – the first steps in cardiovascular prevention. *Current Opinion in Cardiology.* 22(5):490-496. [invited article]
12. **Boone-Heinonen J**, Evenson KR, Song Y, Gordon-Larsen P. (2010) Built and socioeconomic environments: patterning and associations with physical activity in U.S. adolescents. *Int J Behav Nutr Phys Activity.* 7:45.
13. Perrin EM, **Boone-Heinonen J**, Field AE, Coyne-Beasley T, Gordon-Larsen P. (2010) Misperceived overweight and self-esteem during adolescence. *Int J Eat Disord.* 43(5):447-54.
14. **Boone-Heinonen J**, Jacobs DR Jr., Sidney S, Sternfeld B, Lewis CE, Gordon-Larsen P. (2009) A walk (or cycle) to the park: active transit to neighborhood destinations, The CARDIA Study. *Am J Prev Med.* 37(4):285–292.
15. Gordon-Larsen P, **Boone-Heinonen J**, Sidney S, Sternfeld B, Jacobs DR Jr. (2009) Does active commuting to work influence adult fitness, body weight and obesity? The CARDIA Study. *Arch Int Med.* 169:1216-23.
16. **Boone-Heinonen J**, Evenson KR, Taber DR, Gordon-Larsen P. (2009) Walking for prevention of cardiovascular disease in men and women: a systematic review of observational studies. *Obes Rev.* 10:204-217.
17. **Boone-Heinonen J**, Gordon-Larsen P, Adair LS. (2008) Obesogenic clusters: multidimensional adolescent obesity-related behaviors in the U.S. *Ann Behav Med.* 36(3):217-30.
18. **Boone JE**, Gordon-Larsen P, Stewart JD, Popkin BM. (2008). Validation of a GIS facilities database: quantification and implications of error. *Ann Epidemiol.* 18(5):371-377.
19. **Boone JE**, Gordon-Larsen P, Adair LS, Popkin BM. (2007). Screen time and physical activity during adolescence: longitudinal effects on obesity in young adulthood. *Int J Behav Nutr Phys Activ.* 4(1):26.
20. Solotaroff R, Devoe J, Wright, B, Smith, J, **Boone J**, Edlund T, Carlson M. (2005). Medicaid programme changes and the chronically ill: early results from a prospective cohort study of the Oregon Health Plan. *Chronic Illness.* 1(3): 191-205.

LETTERS

1. Gordon-Larsen P, **Boone-Heinonen J**, Popkin BM. (2011) Reply to: Supermarkets: Components of Causality for Healthy Diets. *Arch Int Med.* 172(2):196.
2. **Boone JE**, Gordon-Larsen P, Stewart JD, Popkin BM. (2008). Response to Comments re: Validation of a GIS facilities database: quantification and implications of error. *Ann Epidemiol.* 18(8):825.

ABSTRACTS and PRESENTATIONS †Senior author

1. **Boone-Heinonen J**,† Rdesinski R, Hermes S, Howell AV, Rosenberg K. Life course impact of neighborhood disparities: bridging tobacco, alcohol, and obesity research [Abstract and oral presentation: Oregon Public Health Association Annual Meeting, October 2012]
2. Rdesinski R, Rosenberg K, **Boone-Heinonen J**,† Life course impact of neighborhood disparities: the role of obesity [Abstract and oral presentation: Oregon Public Health Association Annual Meeting, October 2012]
3. Hermes S, Rosenberg K, **Boone-Heinonen J**,† Life course impact of neighborhood disparities: the role of tobacco [Abstract and oral presentation: Oregon Public Health Association Annual Meeting, October 2012]
4. Howell AV, Rosenberg K, **Boone-Heinonen J**,† Life course impact of neighborhood disparities: inequitable allocation of what resources? [Abstract and oral presentation: Oregon Public Health Association Annual Meeting, October 2012]
5. **Boone-Heinonen J**, Lewis CE, Kiefe CI, Gordon-Larsen P. Married with children: Contributions of diet, physical activity, and neighborhood environments to weight gain, The CARDIA Study. [Abstract and poster presentation: The Obesity Society Annual Meeting, October 2012]
6. Mosbaek C, **Boone-Heinonen J**, Fernandez A. What Do Legislative Staff Think about Public Health Issues? [Poster: Public Health Law Research Annual Meeting, January 2012. New Orleans, LA]
7. **Boone-Heinonen J**, Diez-Roux AV, Goff D, Loria CM, Kiefe, C, Graff M, Popkin BM, Gordon-Larsen P. The Neighborhood Energy Balance Equation: Does Food Environment + Physical Activity Environment = Obesity? The CARDIA Study [Abstract and oral presentation: The Obesity Society Annual Meeting, October 2011]
8. Mosbaek C, **Boone-Heinonen J**. What do legislative staff think about public health issues? [Oral presentation, Oregon Public Health Association Annual Meeting, October 2011]
9. Richardson AS, **Boone-Heinonen J**, Popkin BM, Gordon-Larsen P. Food Deserts: Are We Looking in the Right Places? [Abstract and poster presentation: Population Association of America, March 2011].
10. **Boone-Heinonen J**, Gordon-Larsen P. How might the built environment influence obesity? Assessment of mediation by physical activity and sedentary behavior [Abstract and poster presentation: The Obesity Society Annual Meeting, October 2010]
11. **Boone-Heinonen J**, Gordon-Larsen P. Are longer commutes to school related to lower school-based sports participation? [Abstract and oral presentation: The Obesity Society Annual Meeting, October 2009]
12. Gordon-Larsen P, Popkin BP, Guilkey D, Song Y (co-investigators); **Boone-Heinonen J** (presenter). Diet, Activity, Obesity & the Built Environment Dynamics. [Oral presentation: National Institute of Environmental Health Sciences, Obesity and the Built Environment Grantee Meeting, August 2009]
13. **Boone-Heinonen J**, Gordon-Larsen P. Do active communities support activity, or support active people? [Abstract and poster presentation: New grantee poster session, Active Living Research annual conference, February 2009]
14. Gordon-Larsen P, Popkin BP, Guilkey D, Song Y (co-investigators); **Boone-Heinonen J** (presenter). Diet, obesity, and the built environment: The CARDIA Study. [Oral presentation: National Cancer Institute, Mechanisms of Physical Activity Grantee Meeting, November 2008]
15. **Boone JE**, Gordon-Larsen P, Field AE, Adair LS. “Causal” effects of dieting on obesity: what is the impact of adjustment for time dependant confounding by prior weight?” [Abstract and oral presentation: Experimental Biology, April 2008]
16. **Boone JE**, Gordon-Larsen P, Jacobs DR Jr., Sidney S, Sternfeld B., Disparities in neighborhood environment and differential relationships with physical activity by race and income: The CARDIA Study [Abstract and poster presentation: UNC School of Public Health 29th Annual Minority Health Conference, February 2008]
17. Gordon-Larsen P, Popkin BP, Guilkey D, Song Y (co-investigators); **Boone JE** (presenter). Diet, obesity, and the built environment: The CARDIA Study. [Oral presentation: National Cancer Institute Mechanisms of Physical Activity Grantee Meeting, November 2007]
18. **Boone JE**, Gordon-Larsen P, Sidney S, Sternfeld B, Jacobs DR Jr., Lewis CE. A walk to the park: active transit to neighborhood destinations, The CARDIA Study [Abstract and poster presentation: The Obesity Society Annual Meeting, October 2007]
19. **Boone JE**, Gordon-Larsen P, Adair L. High risk adolescent obesity behavior patterns: a comparison of clusters, factors, and an index measure [Abstract and oral presentation: Experimental Biology, April 2007]
20. Gordon-Larsen P, **Boone JE**, Sidney S, Sternfeld B, Jacobs DR Jr. Does active commuting to work influence adult fitness, body weight and obesity? The CARDIA Study [Abstract and poster presentation: 47th Annual

Conference on Cardiovascular Disease Epidemiology and Prevention in association with the Council on Nutrition, Physical Activity, and Metabolism, February/March 2007]

21. **Boone JE**, Gordon-Larsen P, Adair L. Obesogenic clusters: multidimensional profiles of adolescent obesity in the U.S. [Abstract and poster presentation: NAASO, The Obesity Society Annual Meeting, October 2006]
22. **Boone JE**, Gordon-Larsen P, Popkin B. Screen time and physical activity during adolescence: effects on obesity in young adulthood. [Abstract and oral presentation: Add Health User's Conference, July 2006]
23. Edlund T, **Boone J**. Publicly reporting hospital outcome measures: The Oregon experience. [Poster presentation: AcademyHealth Annual Research Meeting, June 2006]
24. **Boone JE**, Gordon-Larsen P, Popkin B. Screen Time and Physical Activity during Adolescence: Effects on Obesity in Young Adulthood. April 4, 2006 [Abstract and poster presentation: Experimental Biology]

INVITED ORAL PRESENTATIONS

1. **Boone-Heinonen J**. Life course impact of neighborhood disparities: bridging tobacco, alcohol, and obesity research. OHSU Developmental Origins of Health and Disease (DOHaD) Seminar Series. October 25, 2012.
2. **Boone-Heinonen J**. Fast food restaurants and food stores: longitudinal associations with diet in young to middle-aged adults: The CARDIA Study. American Society for Photogrammetry and Remote Sensing (ASPRS), Student Chapter, Department of Geography, Portland State University. Colloquium Series. Oct 21, 2011.
3. **Boone-Heinonen J**. Neighborhood food stores and restaurants: (how) do they influence diet and obesity? Institute for Agricultural and Trade Policy (IATP) Webinar. Sep 27, 2011.
4. **Boone-Heinonen J**. Obesity, physical activity, and diet: investigating neighborhood influences and understudied pathways. Kaiser Center for Health Research Seminar Series. Portland, OR. February, 2011
5. **Boone-Heinonen J**. Obesity, physical activity, and diet: investigating neighborhood influences and understudied pathways. Oregon Health & Science University, Department of Public Health and Preventive Medicine Grand Rounds. Portland, OR. October, 2010

POSITIONS HELD

2/11-present	Assistant Professor Epidemiology Division, Department of Public Health and Preventive Medicine Oregon Health & Science University
6/09-02/11	Interdisciplinary Obesity Training Postdoctoral Fellow
8/05-5/09	Graduate Research Assistant Carolina Population Center, University of North Carolina at Chapel Hill
7/04-7/05	Research Analyst 4 – Health Systems Analyst Office for Oregon Health Policy and Research, State of Oregon
7/03-7/04	Research Associate – Research Coordinator
7/01-6/03	Sr. Research Assistant – Research Analyst Oregon Health Policy Institute, Oregon Health and Science University
11/99-7/01	Research Assistant II – Data Analyst and Data/Database Manager Oregon Institute on Disability & Development, Oregon Health & Science University
11/97-9/99	Clinical Data Manager Sample and Data Management Group, Aviron (now MedImmune)