

NATALIE COLABIANCHI, PH.D.

Curriculum Vitae
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University of Michigan
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EDUCATION

- Ph.D. Epidemiology and Biostatistics, 2002
Case Western Reserve University, Cleveland, OH
Dissertation: “*Contextual Influences on Adolescent Sexual Behavior*”
- Dissertation
Fellowship Sexuality Research Fellowship Program, 2001–2002
Social Science Research Council at the Ford Foundation
- M.A. Master of Arts Program in the Social Sciences, 1998
University of Chicago, Chicago, IL.
Master Thesis: “*Objective Measurement in the Social Sciences*”
- B.A. Psychology, *Summa Cum Laude*, 1994
Baldwin Wallace College, Berea, OH

ACADEMIC POSITIONS

- January 2012 – present **Research Assistant Professor**, Department of Epidemiology
University of Michigan
- July 2011–present **Research Assistant Professor**, Survey Research Center
Institute for Social Research, University of Michigan
- March 2006–July 2011 **Assistant Professor**, Department of Epidemiology and Biostatistics
University of South Carolina
- 2003–February 2006 **Track Leader MPH Program**, Health Promotion and Disease Prevention
Department of Epidemiology and Biostatistics, Case Western Reserve
University
- July 2002–February 2006 **Assistant Professor**, Department of Epidemiology and Biostatistics
Case Western Reserve University

HONORS AND AWARDS

- 2014 Citation Award, Society of Behavioral Medicine
- 2013 Travel award for JHGCCO Workshop: Agent-based and systems dynamic models:
New tools for understanding obesity
- 2011 Delta Omega Faculty Member, Honorary Society in Public Health

2010	Keith Teaching Award Nominee, Arnold School of Public Health, University of South Carolina
2007–2010	Health Disparities Research Loan Repayment Fellow, National Institutes of Health
2004	Early Investigator Award, International Society of Behavioral Nutrition and Physical Activity
2004	Best Contribution Award, Case Western Reserve University School of Medicine, 2004
2004	Learning Fellow, The University Center for Innovation in Teaching and Education, Case Western Reserve University
2004	Case Faculty Representative for National Conference on Examining Student Education and Action on Health Disparities, Kansas City
2003–2004	National Public Health Leadership Scholar, Funded by the Centers for Disease Control and Prevention. Part of four-member Ohio Team
2001–2002	Dissertation Fellow, Social Science Research Council at the Ford Foundation

PROFESSIONAL SERVICE

International

2010	Grant Review, Wellcome Trust
2008–2010	Planning Committee, International Society of Physical Activity and Health
2003–2007	Chair, Early Investigators Network, International Society of Behavioral Nutrition and Physical Activity
2004	Chair, Paper Session, International Society of Behavioral Nutrition and Physical Activity Conference, Washington DC

National

2013	NIH Grant Reviewer, Risk, Prevention, and Health Behavior Special Emphasis Panel (ZRG1 RPHB-N(03)), Center for Scientific Review
2013	NIH Grant Reviewer, Brain Disorders and Clinical Neuroscience P50 Special Emphasis Panel (ZRG1 BDCN-A(40)), Center for Scientific Review
2010–2013	Chair, Environmental and Contextual Factors in Health and Behavior Change, Society of Behavioral Medicine
2005- 2010	Grant Reviews, Robert Wood Johnson Foundation, Active Living Research
2009–2010	Policy Brief Reviewer, Robert Wood Johnson Foundation
2003–2010	Editorial Board, Journal of Immigrant Health
2009	Co-Chair, Environmental and Contextual Factors in Health and Behavior Change, Society of Behavioral Medicine
2008	Expert Panelist, ACSM American Fitness Index(tm)
2007–2008	Conference Planning Committee, Active Living Grantees Meeting
2007	NIH Grant Reviewer, Bioengineering Approaches to Energy Balance and Obesity

University of Michigan: Institute for Social Research, Survey Research Center

- 2013-present Director's Advisory Committee on Diversity, Committee member
 2011-2014 Regula Herzog Young Investigators Fund, Committee member
 2012-2013 Faculty Research Fellow Review Committee, Committee member

University of South Carolina: Campus-wide

- 2008–2010 T32 Predoctoral Mentor, University of South Carolina
 2006; 2007 T32 Predoctoral training grant application, interfacing behavioral and biomedical science, University of South Carolina
 2002–2006 Women Faculty of the School of Medicine, Case Western Reserve University

University of South Carolina: School of Public Health

- 2010–2011 ASPH, Strategic Research Planning Task Force Member
 2010–2011 Search Committee, Chair for Department of Epidemiology and Biostatistics
 2006–2011 MPH in Physical Activity & Public Health Coordinating Committee, Arnold School of Public Health
 2007–2010 ASPH Curriculum Committee
 2006–2007 Search Committee, Exercise Science- Children's Physical Activity Research Group
 2006 Review Committee, Center for Research in Nutrition and Health Disparities Seed Grant awards

University of South Carolina: School of Public Health, Department of Epidemiology and Biostatistics

- 2006–2011 Epidemiology Admissions Committee
 2009–2011 Epidemiology Research Committee
 2007–2010 Epidemiology Curriculum Committee, *Chair*
 2009–2010 Epidemiology Search Committee, Assistant/Associate Professor
 2007–2008 Epidemiology Exam Committee
 2006–2007 Epidemiology Search Committee, FEI Search on Childhood Obesity

Case Western Reserve University: School of Public Health, Department of Epidemiology and Biostatistics

- 2004–2006 MPH Accreditation Advisory Council
 2003 New Behavioral Epidemiology Specialization, Co-developed new specialization in Epidemiology, including new curriculum and courses
 2003–2006 Track Leader MPH Program, Health Promotion and Disease Prevention Track
 2003 Admission Committee
 2003 Comprehensive Exam Coordinator – Part 1

Community

- 2013-Present Healthy Out-of-School Time Coalition member

- 2004–2006 Member, Mayor’s Bike and Pedestrian Advisory Committee, City of Cleveland
- 2004–2006 Leadership Committee, Steps to a Healthier Cleveland, Cleveland Department of Public Health
- 2003–2006 Community Advisory Board, Active Living By Design, Slavic Village Development Corporation
- 2003–2005 Community Advisory Board, Tru 2 U Program, Partnership between the Music & Performing arts at Trinity Cathedral, YWCA of Greater Cleveland and CWRU Department of Family Medicine
- 2003–2004 Steering Committee, Clevelanders in Motion, City-wide think-tank on obesity
- 2001–2004 Steering Committee, Cuyahoga County Comprehensive Partnership for Tobacco Reduction
- 2003 Review Committee, Local Tobacco Prevention/Cessation Grants, Cuyahoga County Board of Health
- 2003 Case for Community Day, Organized 10 member team, Case Western Reserve University
- 2002 Review Committee, Federal HIV Prevention Grants, Cleveland Department of Public Health

Ad-hoc Reviewer

- American Journal of Epidemiology
- American Journal of Health Behavior
- American Journal of Preventive Medicine
- American Journal of Public Health
- Annals of Behavioral Medicine
- Archives of Physical Medicine and Rehabilitation
- Developmental Psychology
- Health & Place
- International Journal of Behavioral Nutrition and Physical Activity
- International Journal of Environmental Research and Public Health
- Journal of Adolescent Health
- Journal of Physical Activity and Health
- Landscape and Urban Planning
- Population Research and Policy Review
- Preventive Medicine

PROFESSIONAL MEMBERSHIPS

- International Society for Physical Activity and Health, 2009–present
- International Society of Behavioral Nutrition and Physical Activity, 2003–present
- American Public Health Association, Member, 2000–present
- Society of Behavioral Medicine, Member, 2000–present

RESEARCH SUPPORT

Pending

Principal Investigator: *Childhood obesity: A national retrospective study of built and social environments*

NIH/NHLBI; 09/01/14-08/31/18

\$3,197,613 total costs; 4.8 calendar months

Principal Investigator: *Improving environmental measures in obesity research using innovative technology*

NIH/NCI; 11/01/14-10/31/16

\$455,700 total costs; 2.4 calendar months

PI of subcontract: *Involving Coalitions in Playground Renovations: Evaluating a Natural Experiment*

NIH; 09/01/2014–08/31/2017; Slater, PI

\$142,300 subcontract total costs; 1.8 calendar months

Co-investigator: *Effectiveness of Technology-Integrated Physical Activity Intervention on Children*

NIH; 12/01/14-11/30/17; Chen, PI

\$439,694 total costs; 0.6 calendar months

Current

Principal Investigator, *Effects of the Built Environment, Crime & Food Prices on BMI, Activity & Eating*

NIH/NCI; 12/04/2009–11/30/2014 (NCTX)

\$1,085,197 total costs; 1.0 calendar months

This study links built environment characteristics to the Moving to Opportunity cohort to examine the effects of the built environment on obesity levels, physical activity and eating behavior. Reliance on a randomized design by which participants were relocated to places where few people lived in poverty will help to address issues of self-selection bias.

Principal Investigator, *Impact of public housing assistance on modifiable cancer risk factors in adults*

NIH/NCI; 04/01/14-03/31/16

\$155,500 total costs; 1.5 calendar months

Using data from the Panel Study of Income Dynamics, a large nationally representative survey, this study will test whether living in public housing improves several health behaviors that decrease one's chance of getting cancer. The study will also examine neighborhood and individual-level factors as potential mediating factors with the goal to inform health promotion programs and housing policies.

PI of subcontract: *Physical Activity During the Transition from Elementary School to High School*

NIH/NHLBI; 1/1/14–1/31/17; Pate, PI

\$76,924 subcontract total costs; 0.6 calendar months

This study (TRACK-2) extends an existing observational cohort study (TRACK-1, N = 750) to identify salient factors that explain the changes in physical activity that occur as children transition from elementary school through middle school and into high school. Major goals of the study are to inform future physical activity interventions and to expand the body of knowledge regarding the relationship between physical activity and selected health indicators, including body fatness, during childhood and adolescence.

PI of subcontract, *Impact of Physical Activity on Stroke and Cognitive Function in Older Adults*

NIH/NINDS; 10/01/2008–07/31/2014 (NCTX)

\$21,526 subcontract total costs; 0.8 calendar months; Hooker, PI

This ancillary study examines physical activity patterns and stroke risk in a racially and geographically diverse population sample of nearly 24,000 free-living women and men enrolled in the Reasons for Geographic and Racial Differences in Stroke (REGARDS) Study. The focus of this study is to quantify usual ambulatory physical activity patterns in terms of frequency, duration and intensity, and, thus, the total dose of activity-related minutes and energy expenditure (EE) using accelerometers.

PI of subcontract, *Impact of Green Space Improvement on Physical Activity in a Low Income Community*

NCI; 07/01/2012–06/30/2017; Dubowitz, PI

\$282,977 subcontract total costs; 1.8 calendar months

This study will engage a large random sample (N = 1320) of households from 2 neighborhoods. We will collect individual-level, greenspace utilization, and greenspace user data at baseline, 6-12 months and at 18 - 24 months post-renovations in order to: 1. Determine the impact of greenspace renovations on PA measured by accelerometry and self-report. 2: Examine greenspace utilization for PA before and after renovations through direct observation and user surveys in the intervention and control neighborhoods. 3: Examine mediation and moderation.

PI of subcontract, *Building on Bridging the Gap: Environmental Influences on Teen Substance Use*

NIH/NIDA; 07/01/2012–06/30/2016; Cavazos-Rehg, PI

\$523,444 subcontract total costs; 0.3 calendar months

This study will provide an in-depth investigation of the processes through which school-based and state-level penalties for adolescent substance use behaviors reduce the substance use behaviors they target. It will further account for community-level exposure to anti-tobacco/drug media campaigns that are designed to also influence adolescent substance use behaviors.

Co-investigator, *Youth, Education & Society (YES) project*

The Robert Wood Johnson Foundation; 01/01/14-04/30/15

\$1,550,000 total costs; 6.0 calendar months; Johnston, PI

The major goal is to assess the effects of school policies, prevention programs, other characteristics, and state and local policies on health-related behaviors including those related to adolescent obesity and substance use.

Consultant, *Studying Community Programs to Reduce Childhood Obesity*
Subcontract to USC; 08/01/2010–07/31/2015; Pate, PI
\$1,400,000 total costs

The study will examine the role that community programs and infrastructure has on childhood obesity. The team of investigators at the University of South Carolina will provide scientific leadership, participate in management of the project, contribute to development of the detailed study protocol, participate in quality assurance and training, and contribute to data analysis and preparation of scientific reports.

Completed

Principal Investigator, *Objectively Measuring Physical Activity Space and Food Environments*
58012 Robert Wood Johnson Foundation; 08/01/06–01/31/09
\$51,361; 0.45 Academic, 0.15 Summer

Principal Investigator, *Defining the Built Environment*
R21 CA121151-01, National Cancer Institute; 09/15/05–08/31/08
\$ 382,387; 2.25 Academic, 0.75 Summer

Principal Investigator, *School Grounds as Community Parks: Modifying the Environment to Increase Physical Activity*
Robert Wood Johnson Foundation; 7/04–11/05
\$99992; 25%

Principal Investigator, *Environmental Influences on Physical Activity*
American Cancer Society Institutional Research Grant; 01/04–12/04
\$20,000 (direct); 20% in-kind

Co-investigator, *Physical activity during the transition from elementary school to middle school*
NIH/NHLBI; 04/15/2009–12/31/13
\$3,318,599; 1.8 calendar months; Pate, PI

Co-investigator, *Youth, Education & Society (YES) project*
The Robert Wood Johnson Foundation; 11/15/2008–12/31/2014
\$7,323,077; 6.0 calendar months; Johnston, PI

Co-investigator, *Developing Measures of the Built Nutrition Environment - Supplement.*
NIH/NCI; 06/01/09–05/31/11
\$149,197; 0.45 Academic, 0.15 Summer; Liese, PI

Co-Investigator. *Health Promotion and Disease Prevention Research Center*
CDC; 09/30/09–09/29/14
\$4,965,699; 0.45 Academic, 0.15 Summer; Hooker, PI

Co-investigator, *Improving safety and access for physical activity supplement*
NIH; 07/01/2009–06/30/2011

\$1,216,393; .72 Academic, .24 Summer; Wilson, PI

Co-investigator, *Developing Measures of the Built Nutrition Environment*

NIH; 06/01/08–05/31/11

\$513,648; 0.45 Academic, 0.15 Summer; Liese & Lawson, PI

Co-Investigator, *Long-term effect of social environments on activity patterns and overweight among US adolescents*

1R40MC08958-01-00, Health Resources and Services Administration; 2/1/2008–1/31/2009

\$69,397; 0.45 Academic, 0.15 Summer; Lui, PI

Co-Investigator, *Health Promotion and Disease Prevention Research Center*

U48-DP-000051, CDC; 9/30/04–09/29/09

\$4,281,088; 0.45 Academic, 0.15 Summer; Hooker, PI

Co-investigator, *Outdoor Child Physical Activity and Neighborhood Environment—Preliminary Data for Trial of Impact of Safe Playspaces for Children on Child Physical Activity*

USC - Research Consortium on Children and Families; 5/15/2007–11/15/2007

\$20,956; 0.45 Academic (in-kind); Meriwether, PI

Co-Investigator, *Active Living by Design: Connecting Cleveland Communities: Design for a Healthy Neighborhood*

Robert Wood Johnson Foundation; 11/03–10/07

\$200,000 (direct): 5% (in-kind); Reichtell, Slavic Village Development Corporation, PI

Co-Investigator, *Abstinence vs. Safe-Sex Education to Middle School Teens*

NICHHD (R01 HD413-64); 6/02–5/31/06

\$1,476,950; 10%; Borawski, PI

Evaluation Contracts

Principal Investigator, *Evaluation of STEPS to a Healthier US: Cleveland Proposal*

Health and Human Services/Centers for Disease Control and Prevention; 11/04–10/05

\$180,909; 25%; Cleveland Department of Public Health

Principal Investigator, *Evaluation of the Invest in Children Lead Primary Prevention*

Cuyahoga County Commissions and Local Foundations; 1/05–6/05

\$5512; 18%

Principal Investigator, *Evaluation of Active for Life*

Cleveland Department of Public Health; 01/04–12/04

\$4,000 (direct); 3.5%

Co-Investigator, *Evaluation of the Cuyahoga County Comprehensive Partnership for Tobacco Reduction*

Master Settlement Agreement and local funding; 11/01/03–10/31/05

\$99000; 10%; Borawski, PI

Co-Investigator, *Evaluation of Teen Pregnancy Prevention Programming in Cuyahoga County*

Ohio Children and Family First Council; 7/1/04-6/30/05

\$99,900; 10%; Borawski, PI

PUBLICATIONS

Peer-Reviewed Journal Articles

1. Miller, M.C., Pope, H.C., Wolfer, T.A., Mann, J.R., Hussey, J.R., Colabianchi, N., McKeown, R.E. Psychometric analysis of a scale to assess particularized trust in families and community- and congregation-based groups. *Journal of Community Psychology*. In press.
2. Terry-McElrath Y.M., Hood N.E., Colabianchi N., O'Malley P.M., Johnston, L.D. Profits, commercial food supplier involvement, and school vending machine snack food availability: Implications for implementing the new competitive foods rule. *J Sch Health*. In press.
3. Hood, N.E., Colabianchi, N., Terry-McElrath, Y.M., O'Malley, P.M., Johnston, L.D. Physical activity breaks and facilities in U.S. secondary schools. *J Sch Health*. In press.
4. Banda JA, Wilcox S, Colabianchi N, Hooker SP, Kaczynski AT, Hussey J. The associations between park environments and park use in southern us communities. *J Rural Health*. 2014 Apr 9. doi: 10.1111/jrh.12071. [Epub ahead of print] PubMed PMID: 24717017.
5. Hood, N.E., Turner, L., Colabianchi, N., Chaloupka, F.J., Johnston, L.D. Availability of drinking water in us public school cafeterias. *Journal of the Academy of Nutrition and Dietetics*. 2014 Apr 4. doi: 10.1016/j.jand.2014.02.001. [Epub ahead of print] PubMed PMID: 24726348.
6. Yang, Y., Diez-Roux, AV, Evenson, KR, Colabianchi, N. Examining the impact of the walking school bus using an agent-based model. *American Journal of Public Health*. 2014 May 15. doi: 10.2105/ajph.2014.301896. [Epub ahead of print] PubMed PMID: 24832410.
7. Colabianchi, N., Coulton, C.J., Hibbert, J.D., McClure, S.M., Ievers-Landis, C.E., Davis, E.M. Adolescent self-defined neighborhoods and activity spaces: Spatial overlap and relations to physical activity and obesity, *Health & Place* 2014 Feb;27:22-29. doi: 10.1016/j.healthplace.2014.01.004. PubMed PMID: 24524894.
8. Slater, S. & N. Colabianchi. What influences park use and physical activity? *Translational Behavioral Medicine*. Jan 2014. doi: 10.1007/s13142-014-0255-2.
9. Hutto, B., Howard, V.J., Blair, S.N., Colabianchi, N., Vena, J.E., Rhodes, D., Hooker, S.P. Identifying accelerometer nonwear and wear time in older adults. *Int J Behav Nutr Phys Act*. 2013 Oct 25;10(1):120. doi: 10.1186/1479-5868-10-120. PubMed PMID: 24156309.
10. Liese, A.D., Bell, B.A., Barnes, T.L., Colabianchi, N., Hibbert, J.D., Blake, C.E., Freedman, D.A. Environmental influences on fruit and vegetable intake: results from a path analytic model. *Public Health Nutr*. 2013 Nov 6:1-10. [Epub ahead of print] PubMed PMID: 24192274.
11. Blake, C.E., Bell, B.A., Freedman, D., Colabianchi, N., Liese, A.D. The Eating Identity Type Inventory (EITI): Development and associations with diet. *Appetite* 2013 Oct;69:15-22. doi: 10.1016/j.appet.2013.05.008. PubMed PMID: 23702262.

12. Hood, N.E., Colabianchi, N., Terry-McElrath, Y.M., O'Malley, P.M., Johnston, L.D. School wellness policies and foods and beverages available in schools. *Am J Prev Med.* 2013 Aug;45(2):143-9. doi: 10.1016/j.amepre.2013.03.015. PubMed PMID: 23867020.
13. Clarke, P.J., O'Malley, P.M., Schulenberg, J.E., Lee, H., Colabianchi, N., & Johnston, L.D. College expectations mitigate weight gain over early adulthood: Findings from a national survey of American youth (1986-2009). *Obesity.* 2013 Jul;21(7):1321-7. doi: 10.1002/oby.20176. PubMed PMID: 23666817.
14. Pate, R.R., O'Neill, J.R., Liese, A.D., Janz, K.F., Granberg, E.M., Colabianchi, N., Harsha, D.W., Condrasky, M.M., O'Neil, P.M., Lau, E.Y., Taverno Ross, S.E. Factors associated with development of excessive fatness in children and adolescents: A review of prospective studies. *Obes Rev.* 2013 Aug;14(8):645-58. doi: 10.1111/obr.12035. PubMed PMID: 23601571.
15. Liese, A.D., Barnes, T.L., Lamichhane, A.P., Hibbert, J.D., Colabianchi, N., Lawson, A.B. Characterizing the food retail environment: impact of count, type, and geospatial error in 2 secondary data sources. *J Nutr Educ Behav.* 2013 Sep-Oct;45(5):435-42;. doi:10.1016/j.jneb.2013.01.021. PubMed PMID: 23582231.
16. Ma, X., Barnes, T.L., Freedman, D.A., Bell, B.A., Colabianchi, N., Liese, A.D. Test-retest reliability of a questionnaire measuring perceptions of neighborhood food environment. *Health Place.* 2013 May;21:65-9. doi: 10.1016/j.healthplace.2013.01.008. PubMed PMID: 23434497; PubMed Central PMCID: PMC3634345.
17. Sudano, J.J., Perzynski, A., Wong, D.W., Colabianchi, N., Litaker, D. Neighborhood racial residential segregation and changes in health or death among older adults. *Health Place.* 2013 Jan;19:80-8. doi: 10.1016/j.healthplace.2012.09.015. PubMed PMID: 23201913; PubMed Central PMCID: PMC3537921.
18. Trapl, E.S., Taylor, H.G., Colabianchi, N., Litaker, D., Borawski, E.A. Value of audio-enhanced handheld computers over paper surveys with adolescents. *Am J Health Behav.* 2013 Jan;37(1):62-9. doi: 10.5993/AJHB.37.1.7. PubMed PMID: 22943102.
19. Taverno Ross, S.E., Dowda, M., Colabianchi, N., Saunders, R., Pate, R.R. After-school setting, physical activity, and sedentary behavior in 5th grade boys and girls. *Health Place.* 2012 Sep;18(5):951-5. doi: 10.1016/j.healthplace.2012.06.013. PubMed PMID: 22809713; PubMed Central PMCID: PMC3418431.
20. Meyers, D.C., Wilson, D.K., Kugler, K.A., Colabianchi, N., McKenzie, T.L., Ainsworth, B.E., Reed, J., Schmidt, S.C. Assessing urban walking trail use and changes in the trail environment using systematic observational protocols. *Health Place.* 2012 Sep;18(5):991-9. doi: 10.1016/j.healthplace.2012.06.008. PubMed PMID: 22795357; PubMed Central PMCID: PMC3418403.
21. Liu, R., Sui, X., Laditka, J.N., Church, T.S., Colabianchi, N., Hussey, J., Blair, S.N. Cardiorespiratory fitness as a predictor of dementia mortality in men and women. *Med Sci Sports*

- Exerc.* 2012 Feb;44(2):253-259. doi: 10.1249/MSS.0b013e31822cf717. PubMed PMID: 21796048.
22. Sui, X., Lavie, C.J., Hooker, S.P., Lee, D.C., Colabianchi, N., Lee, C.D., Blair, S.N. A prospective study of fasting plasma glucose and risk of stroke in asymptomatic men. *Mayo Clin Proc.* 2011 Nov;86(11):1042-9. doi: 10.4065/mcp.2011.0267. PubMed PMID:21911559; PubMed Central PMCID: PMC3202993.
 23. Colabianchi, N., Maslow, A.L., Swayampakala, K. Features and amenities of school playgrounds: A direct observation study of utilization and physical activity levels outside of school time. *Int J Behav Nutr Phys Act.* 2011 April;8:32. doi:10.1186/1479-5868-8-32. PubMed PMID: 21492455.
 24. Price, A.E., Corwin, S.J., Friedman, D.B., Laditka, S.B., Colabianchi, N., Montgomery, K. Physical activity and cognitive-health content in top-circulating magazines, 2006-2008. *J Aging Phys Act.* 2011;19(2):147-168. PubMed PMID: 21558569.
 25. Pfeiffer, K.A., Colabianchi, N., Dowda, M., Porter, D.E., Hibbert, J.D., Pate, R.R. Examining the role of churches in adolescent girls' physical activity. *J Phys Act Health.* 2011 Feb;8:227-233. PubMed PMID: 21415450.
 26. Price, A.E., Corwin, S.J., Laditka, S.B., Friedman, D.B., Montgomery, K., Colabianchi, N. Older adults' perceptions of physical activity and cognitive health: implications for health communication. *Health Educ Behav,* 2011;38(1), 15-24. doi: 10.1177/1090198110369764. PubMed PMID: 21191085.
 27. Van Meter, E.M., Lawson, A.B., Colabianchi, N., Nichols, M., Hibbert, J., Porter, D.E., Liese, A.D. Spatial accessibility and availability measures and statistical properties in the food environment. *Spat Spatiotemporal Epidemiol.* 2011;2(1):35-47. doi:10.1016/j.sste.2010.09.009
 28. Maslow, A.L.***, Colabianchi, N. Youth physical activity resources use and activity measured by accelerometry. *Am J Health Behav.* 2011;35(2): 219-227. PubMed PMID: 21204684.
 29. Liese, A.D., Colabianchi, N., Lamichhane, A.P., Barnes, T., Hibbert, J.D., Porter, D.E., Nichols, M.D., Lawson, A. Validation of three food outlet databases: Completeness and geospatial accuracy in rural and urban food environments. *Am J Epidemiol.* 2010 Dec;172(11):1324-33. doi: 10.1093/aje/kwq292. PubMed PMID: 20961970.
 30. Kim, J., Liu, J., Colabianchi, N., Pate, R. The roles of perceived and structural neighborhood conditions on adolescent's physical activity and sedentary behaviors. *Arch Pediatr Adolesc Med.* 2010 Oct;164(10):935-942. doi:10.1001/archpediatrics.2010.167
 31. Liu, J., Kim, J., Colabianchi, N., Ortaglia, A., Pate, R. Co-varying patterns of physical activity and sedentary behaviors and their long term maintenance among adolescents. *J Phys Act Health.* 2010;7: 465-474.
 32. Van Meter, E.M., Lawson, A.B., Colabianchi, N., Nichols, M., Hibbert, J., Porter, D.E., Liese, A.D. An evaluation of edge effects in nutritional accessibility/availability measures. *Int J Health Geogr.* 2010;9:40. doi:10.1186/1476-072X-9-40
 33. Maslow, A.L.***, Sui, X., Colabianchi, N., Hussey, J., Blair, S.N. Muscular strength and incident hypertension in normotensive and prehypertensive men. *Med Sci Sports Exerc.* 2010 Feb;42(2):288-95.

34. Borawski, E.A, Brooks, A., Colabianchi, N., Trapl, E.S., Przepyszny, K.A., Shaw, N., Danosky, L. Adult use of cigars, little cigars and cigarillos in Cuyahoga County, Ohio: a cross-sectional study. *Nicotine Tob Res.* 2010;12(6):669-673. doi: 10.1093/ntr/ntq057
35. Colabianchi, N. Does the built environment matter for physical activity? *Curr Cardiovasc Risk Rep.* 2009;3:302–307.
36. Colabianchi, N., Kinsella, A.E., Coulton, C.J., Moore, S.M. Utilization and physical activity levels at renovated and unrenovated school playgrounds. *Prev Med.* 2009;48:140–143.
37. Mathews, A.E., Colabianchi, N., Hutto, B., Pluto, D., Hooker, S.P. Pedestrian activity among California adults. *J Phys Act Health.* 2009;6(1):15-23.
38. Hooker, S.P., Sui, X., Colabianchi, N., Vena, J., Laditka, J., LaMonte, M.J., Blair, S.N. Cardiorespiratory fitness as a predictor of fatal and nonfatal stroke events in asymptomatic women and men. *Stroke.* 2008;39:2950-2957. doi: 10.1161/STROKEAHA.107.495275
39. Pate, R.R., Colabianchi, N., Porter, D.E., Almedia, M.J., Lobelo, F., Dowda, M. Relationships between physical activity and neighborhood resources in high school girls. *Am J Prev Med.* 2008;34(5):413-419.
40. Sui, X., Hooker, S., Lee, I.M., Church, T., Colabianchi, N., Lee, C., Blair, S. A prospective study of cardiorespiratory fitness and risk of type 2 diabetes in women. *Diabetes Care.* 2008;31(3):550-555.
41. Colabianchi, N., Dowda, M., Pfeiffer, K.A., Porter, D.E., Almeida, M.J., Pate, R.R. Towards an understanding of salient neighborhood boundaries: Adolescent reports of an easy walking distance and convenient driving distance. *Int J Behav Nutr Phys Act.* 2007;4(1):66.
42. Saelens, B.E., Frank, L.D., Auffrey, C., Whitaker, R.C., Burdette, H.L., Colabianchi, N. Measuring physical environments of parks and playgrounds: EAPRS instrument development and inter-rater reliability. *J Phys Act Health.* 2006;3(Supp 1):S190-S207.
43. Colabianchi, N., Ievers-Landis, C.E., Borawski, E.A. Weight preoccupation as a function of observed physical attractiveness: Ethnic differences among normal-weight adolescent females. *J Pediatr Psychol.* 2006;31(8):803-812.
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48. Borawski EA, Trapl ES, Lovegreen LD, Colabianchi N, Block T. Effectiveness of abstinence-only intervention in middle school teens. *Am J Health Behav.* 2005;29(5):423-434.
49. Trapl ES, Borawski EA, Stork PP, Lovegreen LD, Colabianchi N, Cole ML, Charvat JM. Use of audio-enhanced personal digital assistants for school-based data collection. *J Adolesc Health.* 2005;37(4):296-305.
50. Qadeer MA, Colabianchi N, Vaezi MF**. Is Gerd a risk factor for laryngeal cancer? A meta-analysis. *Laryngoscope.* 2005;115(3):486-491.
51. Siminoff LA, Zhang A, Saunders Strum CM, Colabianchi N. Referral of breast cancer patients to medical oncologists after initial surgical management. *Med Care.* 2000;38(7):696-704.
52. Siminoff LA, Zhang A, Colabianchi N, Saunders Strum CM, Shen Q. Factors that predict the referral of breast cancer patients onto clinical trials by their surgeons and medical oncologists. *J Clin Oncol.* 2000;18(6):1203-1211.
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**Student or Post-Doc Papers

Briefs

Colabianchi N, Turner L, Hood NE, Chaloupka FJ, Johnston LD. Availability of Drinking Water in US Public School Cafeterias. A BTG Research Brief. Chicago, IL: Bridging the Gap; 2014. http://www.bridgingthegapresearch.org/_asset/4svpjs/BTG_drinking_water_brief_FINAL_April2014.pdf

Slater, S & Colabianchi, N. (2013). Society of Behavioral Medicine Position Statement on supporting robust, well-designed, safe, and accessible community parks. Available at: http://www.sbm.org/UserFiles/file/parks-brief_statement_for_website_updated.pdf

Colabianchi N, Johnston LD, O'Malley PM. (2012). Sports participation in secondary schools: resources available and inequalities in participation – A BTG Research Brief. Ann Arbor, MI: Bridging the Gap Program, Survey Research Center, Institute for Social Research, University of Michigan. Available at http://www.bridgingthegapresearch.org/_asset/7gflg0/btg_sports_participation_FINAL.pdf

Book Chapters and Entries

Colabianchi N. (2004). Environment. In S. Loue & M. Sajatovic (Eds.) *Encyclopedia of Women's Health*, New York: Kluwer Academic/Plenum Publishers.

Colabianchi N. (2004). Social Stress. In S. Loue & M. Sajatovic (Eds.) *Encyclopedia of Women's Health*, New York: Kluwer Academic/Plenum Publishers.

Colabianchi N. (2004). Social Support. In S. Loue & M. Sajatovic (Eds.) *Encyclopedia of Women's Health*, New York: Kluwer Academic/Plenum Publishers.

- Colabianchi N. (2004). Socio-economic Status. In S. Loue & M. Sajatovic (Eds.) *Encyclopedia of Women's Health*, New York: Kluwer Academic/Plenum Publishers.
- Colabianchi N. (2004). Teen Pregnancy. In S. Loue & M. Sajatovic (Eds.) *Encyclopedia of Women's Health*, New York: Kluwer Academic/Plenum Publishers.
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Technical Reports

- Johnston, L.D., O'Malley, P.M., Terry-McElrath, Y.M., & Colabianchi, N. *School Policies and Practices to Improve Health and Prevent Obesity: National Secondary School Survey Results: School Years 2006–07 through 2011–12. Volume 4. Bridging the Gap Program*, Survey Research Center, Institute for Social Research, Ann Arbor, MI, 2014
- Johnston, L.D., O'Malley, P.M., Terry-McElrath, Y.M., & **Colabianchi**, N. (2013). *School policies and practices to improve health and prevent obesity: National secondary school survey results: school years 2006–07 through 2010–11. Volume 3*. Ann Arbor, MI: Bridging the Gap Program, Survey Research Center, Institute for Social Research.
- Johnston LD, O'Malley PM, Terry-McElrath YM, **Colabianchi** N. *School Policies and Practices to Improve Health and Prevent Obesity: National Secondary School Survey Results: School Years 2006–07 through 2009–10. Volume 2*. Bridging the Gap Program, Survey Research Center, Institute for Social Research, Ann Arbor, MI; 2012.
- Coulton C, **Colabianchi** N, Cook TB, Kim C. Ohio Inner City Health Profile. Prepared for Ohio Department of Health, June 2001
- Coulton C, **Colabianchi** N, Cook TB. An Analysis of Differences in Health Status Measures among Neighborhoods within Metro Counties of Ohio. Prepared for Ohio Department of Health, June 2001.
- Coulton C, **Colabianchi** N, Cook TB. Social Capital Community Benchmark Survey - Cuyahoga County, 2000. Prepared for The Cleveland Foundation, February, 2001.

Published Abstracts

- Barnes TL, **Colabianchi** N, Bell BA, Freedman DA, Hibbert JD, Liese AD. Examining Measures of Spatial Access: Association between the Built Neighborhood Environment and Perception. *International Society for Environmental Epidemiology*. August 26-30, 2012, Columbia, South Carolina. *Epidemiology*. 23(5S):, September 2012. doi: 10.1097/01.ede.0000416861.59755.c4
- Maslow AL, Bottai M, Hooker SP, Blair SN, **Colabianchi** N. Agreement between four different methods assessing physical activity or cardiorespiratory fitness. *Medicine and Science in Sports and Exercise* (Suppl), May 2011, 43: S420.
- Ward DS, Dowda M, **Colabianchi** N, Pfeiffer K, McIver K, Porter D, Pate R. Do facilities close to school support physical activity in high school girls? *Medicine and Science in Sports and Exercise*, 40(5) Supplement, May 2008,40(5):S29-S30.

Hooker SP, Sui X, Lin I-M, Church TS, **Colabianchi** N, Lee CD, Blair SN. A Prospective Study of Cardiorespiratory fitness and risk of type 2 Diabetes in women. *Medicine and Science in Sports and Exercise*, 40(5) Supplement, May 2008,40(5):S36.

Colabianchi N, Kinsella A, McClure S, Zullo M, Coulton C, Moore S, Clint B. (2006). Can renovated playgrounds increase physical activity levels? *Annals of Behavioral Medicine*, 31 (Supplement), S083.

PRESENTATIONS

Invited Oral Presentations

Colabianchi, N, Chriqui, J., O'Malley, P, Chaloupka, F, Johnston, L. Physical Activity Policy: State Law, District Policy and Student Behavior. *American Psychological Association*. Orlando, FL. August, 2012.

Colabianchi, N. Global Health Summit: Obesity: Global Pandemic, Local Crisis. Invited Panelist. *Columbus Council on World Affairs*. December, 2011.

Colabianchi, N. Objective Measures of the Built Environment: Obesity as an Example. *Case Western Reserve University*, March 21st, 2008

Colabianchi, N. Liu, G. Active Living in Youth Populations. *Active Living Research Grantees' Conference*, Washington, DC. April 9, 2008

Colabianchi, N. Does where you live affect your body weight? *Swetland Center for Environmental Health*. Cleveland, OH. March, 2005.

Colabianchi, N. State of the City. *Mayor's Bike and Pedestrian Advisory Committee*. Cleveland, OH. July, 2004.

Colabianchi, N., State of the Problem: Cleveland Community. *Obesity Conference*, Cleveland, OH. April, 2004.

Colabianchi, N. Childhood Lead Poisoning in Cleveland, Ohio. *Swetland Center for Environmental Health*. Cleveland, OH. February, 2004.

Colabianchi, N. The Local Problem. *Lead Safe Living – 2003 Childhood Lead Conference*. Cleveland, OH. June, 2003.

Oral Presentations

Colabianchi, N., Griffin, JL, Slater, SJ, O'Malley, PM, & Johnston, LD. The Whole-of-School Approach for Physical Activity: School Practices and Associations with Student Physical Activity in a Nationally Representative Sample of Secondary Students. *Society of Behavioral Medicine*. Philadelphia, PA. April, 2014.

Colabianchi, N, Chriqui, J., O'Malley, P, Chaloupka, F, Johnston, L. Physical Activity Policy: State Law, District Policy and Student Behavior. *American Psychological Association*. Orlando, FL. August, 2012.

- Hood, N. E., **Colabianchi**, N., Terry-McElrath, Y. M., O'Malley, P. M., & Johnston, L. D. Associations between school wellness policies and availability of foods and beverages in competitive venues Paper presented at the *Society for Prevention Research 21st Annual Meeting*, San Francisco, CA, May, 2013.
- Kassandra, A.A., Wilson, D.K., **Colabianchi**, N., Meyers, D., McKenzie, T., Ainsworth, B. Assessing Urban Walking Trails in the PATH Study: Modifying Systematic Observational Protocols for Underserved Environments. *34th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine*. March 20–23, 2013, San Francisco, CA.
- Howard, V.J., Rhodes, D., Hutto, B., Herald, K.R., **Colabianchi**, N., Vena, J.E., Seshadri, V., Lee, A., Stewart, M., Blair, S.N., Hooker, S.P. Successful use of telephone and mail for obtaining usable accelerometer data from a national cohort: the experience of the Reasons for geographic and Racial Differences in Stroke (REGARDS) Study. *Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism 2013 Scientific Sessions*. 2013, New Orleans, LA.
- Barnes, T.L., **Colabianchi**, N., Bell, B.A., Freedman, D.A., Hibbert, J.D., Liese, A.D. Examining Measures of Spatial Access: Association between the Built Neighborhood Environment and Perception. *International Society for Environmental Epidemiology 24th Annual Conference*. August 26–30, 2012, Columbia, SC.
- Colabianchi**, N., Terry-McElrath, Y.M., Johnston, L.D., O'Malley, P.M. US secondary school physical activity practices and student behaviors: National results from 2007- 2010. Part of Bridging the Gap Symposium: Improving Physical Activity in Schools: The Linkage among Youth Behavior, Policies, Practices and Environmental Change. *Society of Behavioral Medicine*. April, 2012, New Orleans.
- Hooker, S.P., Hutto, B., Howard, V.J., Blair, N., **Colabianchi**, N., Vena, J.E., Rhodes, D. Determining accelerometer non-wear and sedentary time in midlife and older adults. *4th International Congress of Physical Activity and Public Health*. 2012, Sydney, Australia.
- Maslow, A.L., Bottai, M., Hooker, S.P., Blair, S.N., **Colabianchi**, N. Agreement between four different methods assessing physical activity or cardiorespiratory fitness. *American College of Sports Medicine annual meeting*, June, 2011, Denver, CO.
- Howard, V.J., Rhodes, J.D., Le, A., Hutto, B., **Colabianchi**, N., Vena, J.E., Seshardi, V., Stewart, M.S., Blair, S.N., Hooker, S.P. Enrollment and compliance in a national physical activity accelerometer study: an interim report from the Reasons for Geographic and Racial Difference in Stroke (REGARDS) Study. *North American Congress of Epidemiology meeting*, June, 2011, Montreal, Canada.
- Liese A.D., Freedman D.A., **Colabianchi**, N. Capturing the complexity of individuals' interactions with food environments: What determines where you shop? *International Society for Behavioral Nutrition and Physical Activity (ISBNPA)*, June 15 – 18, 2011, Melbourne, Australia.
- Liese A.D., Bell B.A., Nichols M., **Colabianchi**, N., Hibbert J.D., Freedman D., Barnes T., French S. Relative influence of supermarket availability and access, perceptions, and shopping behaviors on fruit and vegetable intake. *International Society for Behavioral Nutrition and Physical Activity (ISBNPA)*, June 15 – 18, 2011, Melbourne, Australia.
- Howard, V.J., Rhodes, J.D., Le, A., Hutto, B., **Colabianchi**, N., Vena, J.E., Seshardi, V., Stewart, M.S., Blair, S.N., Hooker, S.P. Enrollment and compliance in a national physical activity

- accelerometer study: an interim report from the Reasons for Geographic and Racial Difference in Stroke (REGARDS) Study. *Society for Clinical Trails* meeting, May, 2011, Vancouver, Canada.
- Banda, J., **Colabianchi**, N., Hooker, S.P. Measuring park usage and Park Environments in Low Income, Rural Communities. *Annual CDC Prevention Research Center conference*, April, 2011, Atlanta, GA.
- Blake, C., Liese, A.D. Nichols, M.D., Jones, S., Freedman, D., **Colabianchi**, N. Measuring the dimensions of eating identity: Internal consistency and test-retest reliability of a short 12-item tool. *Experimental Biology (American Society for Nutrition)*, April 9 – 13, 2011, Washington, DC
- Blake, C., Liese, A.D., Nichols, M.D., Jones, S., Freedman, D.A., **Colabianchi**, N. Construct validity of a short 12-item tool to asses eating identity. *Experimental Biology (American Society for Nutrition)*, April 9 – 13, 2011, Washington, DC.
- Liese, A.D., **Colabianchi**, N., Hibbert, J.D., Nichols, M.D., Freedman, D.A. Association of supermarket availability, accessibility and utilization with dietary intake. *Experimental Biology (American Society for Nutrition)*, April 9 – 13, 2011, Washington, DC.
- Colabianchi**, N., Hibbert, J.D., Coulton, C.J., Ievers-Landis, C.E., & Davis, E.M. An examination of adolescents' physical activity space and relationships with self-defined and buffer-defined neighborhood boundaries. *Society of Behavioral Medicine, Washington DC*, April, 2011.
- Colabianchi**, N., Coulton, C.J., Hibbert, J.D., Ma, X., Davis, E.M., Ievers-Landis, C.E. Won't you be my neighbor? Understanding neighborhood boundaries and their salience to physical activity and healthy eating. *Healthy Eating in Context: The Role of Political, Physical, Economic, and Social Structures in Nutrition. Columbia, SC*. March 18, 2011,
- Liese A.D., Hibbert J., **Colabianchi**, N., Freedman D. How robust are policy data on access to healthier food retail outlets? An evaluation of environmental supports for fruit and vegetable intake in South Carolina. *International Society of Behavioral Nutrition and Physical Activity (ISBPA)*, June 9-12, 2010, Minneapolis, Minnesota, USA
- Howard, V.J., McClure, L.A., Zhang, S., Howard, G., **Colabianchi**, N., Hooker, S.P. Racial and geographic Differences in Self-reported Moderate or More Physical Activity: The REGARDS Study. Paper presented at the Joint Conference – 49th *Cardiovascular Disease Epidemiology and Prevention Annual Conference and Nutrition, Physical Activity and Metabolism Conference*, 2009, Palm Harbor, FL.
- Colabianchi**, N., Coulton, C., Davis, E., Ievers-Landis, C., Zyzanski, S., McClure, S., Bennett, M., Maslow, A., Hibbert, J., Cader, M., Kinsella, A. Defining the Built Environment. Paper presented at Obesity and Built Environment Grantees meeting. Triangle Park, North Carolina. August 13-14, 2009.
- Ward, D.S., Dowda, M., **Colabianchi**, N., Pfeiffer, K., McIver, K., Porter, D., Pate, R. Do facilities close to school support physical activity in high school girls? Paper presented at *American College of Sports Medicine*. Indianapolis, Indiana. May 28-31, 2008.
- Sudano, J., **Colabianchi**, N., Wong, D.W., Litaker, D. Health effects of a local area racial residential segregation measure on aging adults. Paper to be presented at *American Public Health Association*. San Diego, CA. October 25-29, 2008

- Hooker, S.P., Sui, X., Lee, I-M., Church, T., **Colabianchi**, N., Lee, C., Blair, S.N. Prospective Study of Cardiorespiratory Fitness and Risk of Type 2 Diabetes in Women. *ACSM Annual Meeting*, Indianapolis, IN. May 28 - 31, 2008
- Hooker, S.P., Mathews, A., **Colabianchi**, N., Pluto, D. Pedestrian activity among California adults: who is active, where, and for what purpose? *5th Active Living Research Conference*, Washington, DC. April 9 - 12, 2008
- Sui, X., **Colabianchi**, N., Hooker, S.P., Blair, S.N. A Prospective Study of Impaired Fasting Glucose and Undiagnosed Diabetes to the Risk of Stroke in Asymptomatic Men. *Joint Conference - 48th Cardiovascular Disease Epidemiology and Prevention Annual Conference, and Nutrition, Physical Activity and Metabolism Conference*, Colorado Springs, CO. Mar 11-15, 2008
- Hooker, S.P., Sui, X., **Colabianchi**, N., Vena, J., Laditka, J., LaMonte, M.J., Blair, S.N. Cardiorespiratory Fitness as a Predictor of Fatal and Nonfatal Stroke in Asymptomatic Women and Men. *International Stroke Conference*, New Orleans, LA. Feb 20-22, 2008
- Colabianchi**, N., Kinsella, A., McClure, S., Zullo, M., Coulton.C., Moore, S., & Clint. B. Can renovated playgrounds increase physical activity levels? *Society of Behavioral Medicine 27th Annual Meeting & Scientific Sessions*. San Francisco, CA. March 22-25, 2006
- Zullo, M., Washington, M. Koroukian, S. **Colabianchi**, N. Identifying individual and community level predictors of body mass index. *American Public Health Association (134th Meeting)*. Boston, MA. November 4-8, 2006.
- Colabianchi**, N., Borawski, E.A., Trapl, E.S., Charvat, J.M., and Ievers-Landis, C.E. Psychological, Social and Environmental Influences on Physical Activity Levels in Urban Adolescents. *Society of Behavioral Medicine 27th Annual Meeting & Scientific Sessions*. Boston MA. April 13- 16, 2005.
- Borawski, E.A., **Colabianchi**, N., Ievers-Landis, C.E., Trapl, E.S., Cole, M.L. Boyd, L., Zullo, M., and Lovegreen, L.D. First year outcomes of Healthy Teens Building Healthy Schools: An abstinence-until-marriage vs. comprehensive sex education intervention study. *American Public Health Association 133rd Annual Meeting & Exposition*. Philadelphia, PA. December 10-14, 2005.
- Trapl, E., Borawski, E., Stork, P., **Colabianchi**, N., Lovegreen, L. Methods for school-based data collection of sensitive information with adolescents: Past, present, and future. *132nd Annual APHA Meeting*. Washington, DC. November 6-10, 2004.
- Colabianchi**, N., Trapl, E., Ievers-Landis, C.E., Borawski, E. Association Between Perceived Environmental Attributes and Physical Activity Among 7th Grade Students in an Urban Area. *International Society of Behavioral Nutrition and Physical Activity*. Washington, D.C. June, 2004.
- Colabianchi**, N., Ievers-Landis, C.E., & Burant, C. Parental Correlates of Adolescent Nutritional Intake. *Society of Behavioral Medicine*. Baltimore, Maryland. March, 2004.
- Sudano JJ, Litaker D, **Colabianchi**, N. Relationship between census-tract level measures of segregation and contextual factors deleterious to health. *Annual National Meeting of the Association for Health Services Research*, San Diego, California. June, 2004.

- Colabianchi, N., Borawski, E., Albert, J., Flocke, S. and Coulton, C.** Contextual Influences on Adolescent Sexual Activity. *Society for Prevention Research*. Washington, D.C. June, 2003. (Also presented at the *Department of Epidemiology and Biostatistics Research Seminar*, Cleveland, OH).
- Litaker D, Sudano JJ, **Colabianchi, N.** Understanding the Effects of Racial Residential Segregation on Health Status. *26th Annual Meeting, Society of General Internal Medicine*, Vancouver, BC, May 2003 (also presented at the 20th Annual Scientific Meeting, *Academy Health*, Nashville, TN, June 2003)
- Colabianchi, N., Borawski, E., and Sarver, J.** Association Between Weight Preoccupation and Attractiveness. *Add Health Users Group*. Washington, DC. August, 2001.
- Colabianchi, N.** Objective measurement in the social sciences. *Midwest Objective Measurement Seminar*. Chicago, IL. May, 1998.
- Poster Presentations**
- Colabianchi, N, Brown, D, Diez-Roux, A, Yang, Y, Melendez, R, Knowles, D, & Osgood, N.** *Environments and Activity: GPS-Based Collection of Real-Time Perception and Behavioral Data to Support Modeling*. The Case for the Cube: How Real-Time Seed Funding Grows Innovation, Ann Arbor, MI. November, 2013
- Taverno Ross, SE, Dowda, M, **Colabianchi, N, Saunders, R, Pate, RR.** Associations between after-school settings with physical activity and sedentary behavior in 5th-grade children. *American College of Sports Medicine (ACSM) 59th Annual Meeting*, May 29, 2012 and June 2, 2012, San Francisco, CA.
- Trapl, E, Borawski, E, **Colabianchi, N, Litaker, D, Taylor, HG.** Impact of Audio Enhancement and Electronic Format on Adolescent Survey Responses: A Comparative Study. *American Academy of Health Behavior*, March 2012, Austin TX.
- Liese AD, Nichols M, Bell BA, Freedman D, **Colabianchi, N.** Test-retest reliability of a food shopping behavior questionnaire. *International Society for Behavioral Nutrition and Physical Activity*, June 15 – 18, 2011, Melbourne, Australia.
- Barnes, TL, Freedman, DA, **Colabianchi, N, Bell, BA, Nichols, MD, Liese, AD.** What's really in your neighborhood? Comparison of actual and perceived supermarket availability in primary household food shoppers in South Carolina. *Experimental Biology (American Society for Nutrition)*, April 9 – 13, 2011, Washington, DC.
- Liese AD, **Colabianchi, N, Lamichhane A, Barnes TL, Nichols M.** Accuracy of Food Outlet Type Designation in Two Secondary Data Sources. *International Society of Behavioral Nutrition and Physical Activity (ISBNPA)*, June 9-12, 2010, Minneapolis, Minnesota, USA
- Kim, J., Liu, J., **Colabianchi, N., Ortaglia, A., Pate, R.** Neighborhood Effects on Adolescent's Physical Activity and Sedentary Behaviors. *Annual Conference of Active Living Research, Feb. 18-20, 2009, San Diego, CA.* Poster.
- Howard, VJ., McClure, LA., Zhang, S., Howard, G., **Colabianchi, N., Hooker, SP.** Racial and Geographic Differences in Self-Reported Moderate or More Physical Activity: The Reasons for

Geographic And Racial Differences in Stroke (REGARDS) Study. Poster presented at the 49th Cardiovascular Disease Epidemiology and Prevention Conference. Palm Harbor, FL. March 11-14 2009.

- Mathews, A.E., Corwin, S.J., Friedman, D.B., Laditka, S.B., **Colabianchi**, N, & Montgomery, K. Content linking physical activity and cognitive health in top-circulating magazines, 2006-2008. 62nd Annual Meeting of the Gerontological Society of America, Atlanta, GA, November 18-22, 2009.
- Mathews, A.E., Corwin, S.J., Laditka, S.B., Friedman, D.B., **Colabianchi**, N., & Montgomery, K. Formative research to guide the development of theory-based messages promoting physical activity and cognitive health for older adults. 137th Annual Meeting of the American Public Health Association, Philadelphia, PA, November 7-11, 2009.
- Colabianchi**, N. Hibbert, J., Landis, C., Davis, E., McClure, S., Coulton, C. Adolescent Conceptualizations of their Neighborhood Boundaries. American Academy of Health Behavior. Hilton Head Island, March, 2009.
- Colabianchi**, N. Swayampakala, K & Morrison, A. Playground Attributes Associated with Playground Utilization and Physical Activity. *2007 National Prevention and Health Promotion Summit*, November, 2007.
- Sui, X, Hooker, SP, **Colabianchi**, N, Vena, J, Blair, SN Cardiorespiratory fitness as a predictor of stroke in asymptomatic women. *Tri-State Stroke Network's 6th annual Stroke Summit*, Columbia, SC. May, 2007.
- Peck LE, Hooker SP, Sharpe PA, Pluto D, Wilcox SA, **Colabianchi**, N, Pate RR, Burroughs EL, and Hutto B. Promoting Health Through Physical Activity: Current Research of the USCPRC. *Prevention Research Centers Meeting*, Atlanta, GA. March, 2007.
- Colabianchi**, N., Charvat, J., Trapl, E., McClure, S., Ievers-Landis, C. & Borawski, E. Assessing the Role of the Neighborhood Environment on Adolescent Physical Activity Levels. *American Academy of Health Behavior*. Carmel, CA. March, 2006.
- Colabianchi**, N., Charvat, J., Trapl, E., Borawski, E.A. Who walks to school and why? *International Society of Behavioral Nutrition and Physical Activity*. Amsterdam, The Netherlands. June 16-18, 2005.
- Colabianchi**, N., Moore, S., Coulton, C., Clint, B., McClure, S., Kinsella, A. School Grounds as Community Parks: Modifying the Environment to Increase Physical Activity, *Active Living Research Conference*. San Diego, CA. February 24 -26, 2005.
- Borawski, E.A., Trapl, E.S., Lovegreen, L.D., Landis, C., and **Colabianchi**, N. Time to Let Them Fly? Role of Parental Monitoring, Negotiating and Trust in Young Adolescent Risk Behavior *Society of Behavioral Medicine 27th Annual Meeting & Scientific Sessions*. Boston MA. April 13- 16, 2005
- Borawski, E.A., Trapl, E.S., Lovegreen, L.D., Block, T., and **Colabianchi**, N. Effectiveness of an abstinence-until-marriage curriculum among urban middle school adolescents. *132nd Annual APHA Meeting*. Washington, DC. November 6-10, 2004.

- Sudano JJ, Litaker D, **Colabianchi**, N. Relationship between census-tract level measures of segregation and contextual factors deleterious to health. *Annual National Meeting of the Association for Health Services Research, San Diego, California*. June 12-14, 2004.
- Colabianchi**, N., Ievers-Landis, C.E., & Burant, C. Parental Correlates of Adolescent Nutritional Intake. *Case Western Reserve University Research ShowCASE*. Cleveland, Ohio. April, 2004.
- Borawski, E., Trapl, E., Lovegreen, L., Block, T., **Colabianchi**, N. Effectiveness of an abstinence-until-marriage curriculum among urban middle school adolescents. *132nd APHA Annual Meeting*. November, 2004. Washington, DC.
- Cotton, S., Palermo, T.M., **Colabianchi**, N. Health Care Utilization in Pediatric Chronic Pain: The Role of Pain Perception and Distress. *Child Health Conference*. Charleston, SC, Apr, 2004.
- Trapl, E., Borawski, E., Lovegreen, L., Stork., P., Brown, J., **Colabianchi**, N., Ievers-Landis, C. Use of Audio-Enhanced and Handheld Computers for a School Based Data Collection. *American Academy of Health Behavior*. Sedona, AZ. March, 2004.
- Kintu, K., Nakabiito, C., **Colabianchi**, N., Whalen, C. Predictors of disclosure of HIV status among women involved in prevention of mother to child transmission of HIV program Factors Associated with Disclosure of HIV Status among HIV Infected Pregnant Women Involved in Prevention of Mother to Child Transmission of HIV Program. *XVth International AIDS Meeting*. Bangkok, Thailand. July, 2004.
- Colabianchi**, N., Coulton, C., Witte, J., Albert, J., Flocke, S., and Borawski, E. Contextual Influences on Adolescent Sexual Activity. *Research ShowCASE*. Cleveland, OH April, 2003. Poster Presentation.
- Borawski, E., Brown, J., Trapl, E., **Colabianchi**, N., Ievers-Landis, C. Importance of Perceived Peer and Parental Health Beliefs, Communication, and Behaviors on Adolescent Physical Activity and Eating Habits. *North American Association for the Study of Obesity*, Ft. Lauderdale, October, 2003. Poster Presentation.
- Litaker D, Sudano JJ, **Colabianchi**, N. Understanding the Effects of Racial Residential Segregation on Health Status. 20th Annual Scientific Meeting, *Academy Health*, Nashville, TN, June 2003.
- Colabianchi**, N., Borawski, E., Horvath, T., and Mauser, J. The role of over and under estimating behavior in predicting individual behavior. *Society for Prevention Research*. Washington, DC. May, 2001. Poster presentation.
- Colabianchi**, N., Borawski, E., and Sarver, J. Association between exercise and quality of life in a population-based sample. *American Academy of Health Behavior*. Sante Fe, New Mexico. September, 2000. Poster presentation.

TEACHING ACTIVITIES

Full Courses

University of South Carolina, Department of Epidemiology and Biostatistics (EPID)

Special Topics in Epidemiology: Social Epidemiology (EPID 894, EPID 794). Principle concepts, measurement and methodology in social epidemiology. 2008, 2010.

Epidemiology of the Health Effects of Physical Activity (EPID 820). Measurement of physical activity and physical activity's effect on health. 2007, 2010.

1st Semester Seminar in Epidemiology (EPID 745). Introduces students to a variety of epidemiological topic areas primary through guest lectures. 2009.

2nd Semester Seminar in Epidemiology (or Writing in Epidemiology) (EPID 745). Writing a journal article using data analyses completed in EPID 741. 2008.

Case Western Reserve University, Department of Epidemiology and Biostatistics (EPBI)

Community Interventions and Evaluations (EPBI 433). Design, conduct, and assess community-based health interventions and program evaluation. 2001, 2005.

Pathophysiological Consequences of Behavior (EPBI 412). Physiological mechanisms through which behavior affects bodily systems and the development/maintenance of these disease mechanisms. The use and limitations of common measures applied to disease conditions and behavior are reviewed. 2005.

Epidemiology: Application of Theory and Methodology (EPBI 491). In-depth course in study design and analysis: Study design (case-control, cohort, cross-sectional studies), confounding, effect modification, bias, causality, measures of effect and association, reliability/validity. 2003, 2004.

Invited Lectures

University of Michigan

Department of Epidemiology

- Social Epidemiology II: Social and Economic Determinants of Population Health (EPID 617). Topic: Social Determinants of Obesity. 2014

School of Natural Resources and Environment

- Seminar: Ambient and Volunteered Environmental and Geographic Information (NRE 639.039). Topic: Collecting Environmental data via Mobile Phones. 2014

Gerald R. Ford School & The National Poverty Center

- Speed Mentoring: Updates on current research findings in inequality research

University of South Carolina

Department of Epidemiology and Biostatistics (EPID) and Department of Health Promotion, Education, and Behavior (HPEB)

- Masters Seminar (EPID 745). Topic: Built Environment and Physical Activity. 2010.
- Social and Physical Environmental Interventions (HPEB 824). Topic: School Grounds as Community Parks. 2010.
- Application of Epidemiology in Public Health (EPID 758). Topic: Evaluation. 2009.
- Seminar in Epidemiology (EPID 745). Topic: Built Environment and Physical Activity. 2008.
- Public Health Competencies and Epidemiology (EPID 894). Topic: Evaluation. 2008.
- Social and Physical Environmental Interventions (HPEB 824). Topic: Environmental audits and direct observation. 2008.
- Doctoral Seminar (EPID 845). Topic: Physical Activity Epidemiology. 2007.

*Case Western Reserve University**Department of Epidemiology and Biostatistics (EPBI) and Department of Psychology (PSCL)*

- Epidemiology: Application of Theory and Methodology (EPBI 491). Topic: Effect Modification and Bias. 2005.
- Health Disparities (EPBI 510). Topic: Neighborhood Effects on Health, including discussion of theoretical models, statistical issues and case examples. 2004.
- Graduate Seminar: Pediatric Psychology (PSCL 501). Topic: Hierarchical Linear Models. 2004
- Ethics, Law and Epidemiology (EPBI 508). Topic: Ethical Issues and Study Design. 2003.
- Gender, Ethnicity and Health (EPBI 488). Topic: Principles of Study Design. 2003.
- Advanced Topics in Epidemiology (EPBI 499). Topics: Analysis of Case-Control Studies, Hierarchical Linear Models – Statistical Models and Applications. 2003.
- Pediatric Psychology Seminar (PSCL 501), Department of Behavioral Pediatrics. Topic: Hierarchical Linear Models: Application to Intervention Research. 2003.

POST DOCS, GRADUATE and UNDERGRADUATE STUDENT MENTORSHIP**Post Doctoral Students***University of Michigan*

2014-Present Emily Marshall, PhD (part-time)

2012-2013 Nancy Hood, PhD

PhD Students in Epidemiology and Biostatistics (unless otherwise noted)*University of South Carolina*

- 2012 Timothy Barnes, Committee Member. *Perceptions and objective measures of the built environment.*
- 2012 Jorge A Banda, Committee Member. Exercise Science. *Examining park-based physical activity in low income rural communities.*
- 2011 Maggi Chandlee Miller, Committee Member. *Measuring trust in community-based and congregation-based groups in South Carolina: A psychometric analysis and exploration of trust, group characteristics and health.*
- 2010 Andrea Maslow, Chair. *Exploring the relationships between measures of physical activity, cardiorespiratory fitness, adiposity, & hypertension.*
- 2010 Rui Lui, Committee Member. *The association of physical activity and muscular strength on mental health benefits.*
- 2009 Anna Matthews, Committee Member (Health Promotion, Education and Behavior). *Physical activity messages and brain health.*
- 2008 David Parker, Chair. *HIV risk behaviors and knowledge: Associations with HIV prevalence in Estonia.*

- 2007 Angela Merlo-Rains, Committee member (Physical Therapy Program [DPT]). *The analysis and comparison of accelerometer measurements of physical activity in individuals post-stroke: A pilot study.*

Case Western Reserve University

- 2007 Erika Trapl, MS, Committee member. *Effect of data collection mode on the relationships between survey environment, cognitive burden, privacy and data outcomes.*
- 2006 Angelique Stubblefield, MPH, Committee Member. *Healthcare utilization and risk for intentional injury death among Ohio children enrolled in Medicaid, 1992-1998.*
- 2006 Jessica Diggs, Committee Member. *The impact of Medicaid expansion initiatives and county characteristics on the health and healthcare access of Ohio's children.*
- 2006 Ahmad Al-Rawashdeh, Committee member for PhD in Nursing. *Psychosocial characteristics of youth who run away from home.*
- 2005 Tanya Scharf, MS, Chair. *Functional status and quality in home health care.*
- 2004 Ahmad Bahat Hussein Al-Duhoun, Committee member for PhD in Nursing. *Effect of cardiac rehabilitation attendance on social support for exercise, motivation, and self efficacy for exercise after cardiac events.*

Master Degree Students in Epidemiology and Biostatistics (unless otherwise noted)

University of South Carolina

- 2009 Wright Culpepper, Chair. *The Relationship between Sports Participation and Adolescent Obesity.*
- 2008 Madhavan Srinivasaraghaven, Chair. *Fibrinogen, HDL, Physical Fitness and CVD death.*
- 2008 Andrea Maslow, Committee member. *Muscular Strength and Incident Hypertension.*

Case Western Reserve University

- 2005 Michael Vaezi, MD, PhD, Chair. *Laryngeal cancer and gastroesophageal reflux disease: A case control study.*
- 2004 Erika Trapl, Committee member. *Use of Audio-enhanced handheld computers for a school based data collection.*
- 2004 Kenneth Kintu, M.D. Committee member. *Factors affecting HIVNET012 regimen use for prevention of HIV perinatal transmission in a field setting – Uganda.*
- 2003 Jackie Charvet, Committee member. *Comparison of behavioral risk factors of in-school and out-of-school 18 year olds from multiple surveillance systems.*
- 2003 Jennifer Hanrahan, D.O. Committee member. *Investigation of an outbreak of multiresistant enterobacter cloacae in a burn unit.*

MPH Students

Case Western Reserve University

- 2004 Alicia Sokol, Capstone content advisor. *Employee influenza vaccine survey, analysis and intervention at the Cleveland Clinic.*
- 2003 Audrey Kinsella, Capstone advisor. *Mapping “hot houses” for childhood lead poisoning prevention in Cleveland neighborhoods.*
- 2002 Beena Minai, Capstone advisor. *Is there a relationship between medication delivery technique and improvement in pulmonary function in children with asthma? Results from a Specialized Pediatric Asthma Compliance and Technique (PACT) clinic.*

Medical Students

Case Western Reserve University

- 2003 Connie Liu, Faculty mentor. *Food Environment Described by Measures of Healthy Food Selection.* Funded by the David E. Rodgers Fellowship.

Undergraduate Students

University of Michigan

Taylor Nezich, Undergraduate Research Opportunity Program

Armani Hawes, SRC Summer Fellow

All Students (Including Advising)

<i>Student</i>	<i>Degree (in Epi/Biostats unless otherwise specified)</i>	<i>Relationship</i>
<i>University of Michigan</i>		
<i>Taylor Nezich</i>	<i>BA - Psychology</i>	<i>UROP advisor</i>
<i>Nancy Hood</i>		<i>Post Doc Advisor</i>
<i>Emily Marshall</i>		<i>Post Doc Advisor</i>
<i>Armani Hawes</i>		<i>SRC Summer Fellow</i>
<i>University of South Carolina</i>		
<i>Xiaoguang Ma</i>	<i>PhD</i>	<i>Academic Advisor</i>
<i>Murali Gangdaram</i>	<i>MSPH</i>	<i>Academic Advisor</i>
<i>Lindsay Robinson</i>	<i>MSPH</i>	<i>Academic Advisor</i>
<i>Maggi Chandlee</i>	<i>PhD</i>	<i>Committee Member</i>
<i>Kamala Swayampakala</i>	<i>PhD</i>	<i>Chair</i>
<i>Andrea Maslow</i>	<i>PhD</i>	<i>Chair</i>
<i>Andrea Morrison</i>	<i>MSPH</i>	<i>Academic Advisor</i>
<i>Andrea Morrison</i>	<i>MSPH</i>	<i>Committee Member</i>
<i>Wright Culpepper</i>	<i>MSPH</i>	<i>Chair</i>

Angela Merlo-Rains	Physical Therapy Program, PhD	Committee Member
Madhavan Srinivasaraghaven	MSPH	Chair
David Parker	PhD	Chair
Rui Lui	PhD	Committee Member
Anna Matthews	PhD	Committee Member
Courtney Mazzoli	MSPH	Academic Advisor
Andrea Maslow	PhD	Academic Advisor
Kamala Swayampakala	PhD	Academic Advisor
Cherie Nikki Holmes	PhD	Academic Advisor
Kamala Swayampakala	MSPH	Academic Advisor
David Parker	PhD	Academic Advisor
<i>Case Western Reserve University</i>		
Ahmad Al-Rawashdeh	PhD (Nursing)	Committee member
Katherine Fox Nagel	PhD	Academic Advisor
Celia Mukulu	MS	Academic Advisor
Jose Lozado	PhD	Academic Advisor
Angelique Stubblefield, RN	PhD	Academic Advisor
Angelique Stubblefield, RN	PhD	Committee member
Michael Vaezi, MD, PhD	MS	Academic Advisor, Chair
Monique Washington, RN	PhD	Academic Advisor
Tanya Scharf, MS	PhD	Academic Advisor, Chair
Carissa Ann Lucus	MS	Academic Advisor
Alicia Sokol	MPH	Capstone content advisor
Kenneth Kintu	MS	Committee member
Jackie Charvat	MS	Committee member
Erika Trapl	PhD	Committee member
Ahmad Hussein Al-Duhoun	PhD (Nursing)	Committee member
Erika Trapl	MS	Committee member
Jessica Diggs	PhD	Committee member
Thomas Cook	PhD	Academic Advisor
Audrey Kinsella	MPH	Capstone Advisor, Chair
Vallerie Propper	PhD	Academic Advisor
Peter Odada Sumba	PhD	Academic Advisor
Beena Minai	MPH	Capstone Advisor, Chair
Jennifer Hanrahan, MD	MS	Committee Member
Connie Liu	MD/PhD	Research Advisor