

Announcements:

- NIH, Role of Environmental Chemical Exposures in the Development of Obesity, Type 2 Diabetes and Metabolic Syndrome (R01), PA-12-185 (R21, PA-12-184)
- NIH, Exploratory/Developmental Clinical Research Grants in Obesity (R21), PA-12-179
- NIH, Translational Research to Improve Obesity and Diabetes Outcomes (R18), PAR-12-172 (R34, PAR-12-173)
- NIH, Improving Diet and Physical Activity Assessment (R01), PAR-12-198 (R21, PAR-12-197)
- Obesity Society, Early-Career Research Grants, <http://www.obesity.org/about-us/obesity-society-grants.htm>
- Nutrisystem Inc., Research Grants (due June 29), <http://www.obesity.org/about-us/nutrisystem-inc-research-grants.htm>

If you would like submission assistance with the above announcement, or any others, please contact Sarah Gause Epting at sgause@mailbox.sc.edu or 777-6363.

Nutrition Center Affiliated Scholars Recent Publications:

Arabi M, **Frongillo EA**, Avula R, Mangasaryan N. Infant and young child feeding in developing countries. *Child Dev.* 2012 Jan-Feb;83(1):32-45. doi: 10.1111/j.1467-8624.2011.01675.x. PMID: 22277005

Barr-Anderson DJ, Laska MN, Veblen-Mortenson S, Farbakhsh K, Dudovitz B, Story M. A school-based, peer leadership physical activity intervention for 6th graders: feasibility and results of a pilot study. *J Phys Act Health.* 2012 May;9(4):492-9. PMID: 22592867

Bell BA, Onwuegbuzie AJ, Ferron JM, Jiao QG, Hibbard ST, Kromrey JD. Use of Design Effects and Sample Weights in Complex Health Survey Data: A Review of Published Articles Using Data From 3 Commonly Used Adolescent Health Surveys. *Am J Public Health.* 2012 Jul;102(7):1399-1405. PMID: 22676502

Bouchard C, **Blair SN**, Church TS, Earnest CP, Hagberg JM, Häkkinen K, Jenkins NT, Karavirta L, Kraus WE, Leon AS, Rao DC, Sarzynski MA, Skinner JS, Slentz CA, Rankinen T. Adverse metabolic response to regular exercise: is it a rare or common occurrence? *PLoS One.* 2012;7(5):e37887. PMID: 22666405

Bowling CB, Fonarow GC, Patel K, Zhang Y, Feller MA, Sui X, **Blair SN**, Alagiakrishnan K, Aban IB, Love TE, Allman RM, Ahmed A. Impairment of activities of daily living and incident heart failure in community-dwelling older adults. *Eur J Heart Fail*. 2012 Jun;14(6):581-7. PMID: 22492539

Dehghan M, Del Cerro S, Zhang X, Cuneo JM, Linetzky B, Diaz R, **Merchant AT**. Validation of a semi-quantitative food frequency questionnaire for argentinean adults. *PLoS One*. 2012;7(5):e37958. PMID: 22662256

Do DP, Frank R, Finch BK. Does SES explain more of the black/white health gap than we thought? Revisiting our approach toward understanding racial disparities in health. *Soc Sci Med*. 2012 May;74(9):1385-93. PMID: 22405688

Dowda M, Pfeiffer KA, Lobelo F, Porter DE, **Pate RR**. Cardiorespiratory fitness and proximity to commercial physical activity facilities among 12th grade girls. *J Adolesc Health*. 2012 May;50(5):497-502. PMID: 22525114

Friedman DB, Johnson KM, Owens OL, Thomas TL, Dawkins DS, Gansauer L, Bartelt S, Waddell NM, Talley PJ, Bearden JD 3rd, **Hébert JR**. Developing partnerships and recruiting dyads for a prostate cancer informed decision making program: lessons learned from a community-academic-clinical team. *J Cancer Educ*. 2012 Jun;27(2):243-9. PMID: 22528633

Frith AL, Naved RT, Persson LA, Rasmussen KM, **Frongillo EA**. Early participation in a prenatal food supplementation program ameliorates the negative association of food insecurity with quality of maternal-infant interaction. *J Nutr*. 2012 Jun;142(6):1095-101. PMID: 22496401

INTRODUCTIONS:

Get To Know Our Nutrition Research Community

Dr. Katrina M. Walsemann, PhD, MPH, is an assistant professor in the School of Public Health's Department of Health Promotion, Education, and Behavior. She completed her masters and doctoral studies at the University of Michigan in Health Behavior and Health Education and her postdoctoral fellowship at the University of Michigan's Population Studies Center. She joined ASPH in Fall 2007 and became a Nutrition Center Affiliated Scholar in 2008.



Dr. Walsemann's research focuses on bridging life course analysis with socio-cultural perspectives on population health. She is particularly interested in understanding how social inequalities and institutional discrimination influence health and racial health disparities during key developmental transitions (e.g., adolescence to early adulthood), and/or cumulatively across the life course. As a result, her research is not focused on any particular health outcome or behavior, but rather emphasizes the socio-cultural factors implicated in the distribution of population health across a wide range of health behaviors and conditions, including obesity, mental health, disability, substance use, and mortality. She is currently collaborating with colleagues at Kean University in NJ, UCLA, and USC on a NIDA funded project which will investigate how involvement with the criminal justice system influences substances use trajectories from adolescence to early adulthood.

Upcoming Dates:

Healthy Carolina Farmers' Market
June 19 & 26; July 10, 17, 24 & 31

Gee GC, **Walsemann KM**, Brondolo E. A life course perspective on how racism may be related to health inequities. *Am J Public Health*. 2012 May;102(5):967-74. PMID: 22420802

Jones SJ, Feenstra GW, Wasserman A. Institutional Policy Change to Promote Health and Sustainability through Food. *Adv Nutr*. 2012 May 1;3(3):335-6. doi: 10.3945/an.111.001545. PMID: 22585908

Kabat GC, Shivappa N, **Hébert JR**. Mentholated cigarettes and smoking-related cancers revisited: An ecologic examination. *Regul Toxicol Pharmacol*. 2012 Jun;63(1):132-9. PMID: 22429780

Lamichhane AP, Mayer-Davis EJ, Puett R, Bottai M, Porter DE, **Liese AD**. Associations of Built Food Environment with Dietary Intake among Youth with Diabetes. *J Nutr Educ Behav*. 2012 May;44(3):217-24. PMID: 22236496

Liese AD, Puett RC, Lamichhane AP, Nichols MD, Dabelea D, Lawson AB, Porter DE, **Hibbert JD**, D'Agostino RB Jr, Mayer-Davis EJ. Neighborhood level risk factors for type 1 diabetes in youth: the SEARCH case-control study. *Int J Health Geogr*. 2012 Jan 9;11:1. PMID: 22230476

McAuley PA, Artero EG, Sui X, Lee DC, Church TS, Lavie CJ, Myers JN, España-Romero V, **Blair SN**. The obesity paradox, cardiorespiratory fitness, and coronary heart disease. *Mayo Clin Proc*. 2012 May;87(5):443-51. PMID: 22503065

Mitchell JA, **Pate RR**, Dowda M, Mattocks C, Riddoch C, Ness AR, **Blair SN**. A prospective study of sedentary behavior in a large cohort of youth. *Med Sci Sports Exerc*. 2012 Jun;44(6):1081-7. PMID: 22143113

Paxton AE, **Baxter SD**, Tebbs JM, Royer JA, Guinn CH, Devlin CM, Finney CJ. Nonsignificant relationship between participation in school-provided meals and body mass index during the fourth-grade school year. *Journal of the Academy of Nutrition and Dietetics* 112:104-109, 2012.

Paxton-Aiken AE (Co-first author), **Baxter SD** (Co-first author), Tebbs JM, Finney CJ, Guinn CH, Royer JA. How accurate are parental responses concerning their fourth-grade children's school-meal participation, and what is the relationship between children's body mass index and school-meal participation based on parental responses? *Int J Behav Nutr Phys Act*. 2012 Mar 19;9:30. PMID: 22429914

Persson LÅ, Arifeen S, Ekström EC, Rasmussen KM, **Frongillo EA**, Yunus M; MINIMat Study Team. Effects of prenatal micronutrient and early food supplementation on maternal hemoglobin, birth weight, and infant mortality among children in Bangladesh: the MINIMat randomized trial. *JAMA*. 2012 May 16;307(19):2050-9. PMID: 22665104

Rothenberg SE, Feng X, Zhou W, Tu M, Jin B, You J. Environment and genotype controls on mercury accumulation in rice (*Oryza sativa* L.) cultivated along a contamination gradient in Guizhou, China. *Sci Total Environ*. 2012 Jun 1;426:272-80. PMID: 22513403

Shieh SH, **Probst JC**, Sung FC, Tsai WC, Li YS, Hsia JY, Chen CY. Decreased survival among lung cancer patients with co-morbid tuberculosis and diabetes. *BMC Cancer*. 2012 May 11;12(1):174. PMID: 22578056

Shook RP, Lee DC, Sui X, Prasad V, Hooker SP, Church TS, **Blair SN**. Cardiorespiratory fitness reduces the risk of incident hypertension associated with a parental history of hypertension. *Hypertension*. 2012 Jun;59(6):1220-4. PMID: 22585947

Sieverdes JC, Sui X, **Blair SN**. Associations between Physical Activity and Submaximal Cardiorespiratory and Pulmonary Responses in Men. *J Sports Med Doping Stud*. 2011 Nov 22;1(1). pii: 102. PMID: 22639733

Teas J, Irhimeh MR. Dietary algae and HIV/AIDS: proof of concept clinical data. *J Appl Phycol*. 2012 Jun;24(3):575-582. PMID: 22661829

Tsai AC, Bangsberg DR, **Frongillo EA**, Hunt PW, Muzoora C, Martin JN, Weiser SD. Food insecurity, depression and the modifying role of social support among people living with HIV/AIDS in rural Uganda. *Soc Sci Med*. 2012 Jun;74(12):2012-9. PMID: 22513248

Warren TY, **Wilcox S**, Dowda M, Baruth M. Independent association of waist circumference with hypertension and diabetes in african american women, South Carolina, 2007-2009. *Prev Chronic Dis*. 2012 May;9:E105. PMID: 22632742

White K, Haas JS, Williams DR. Elucidating the role of place in health care disparities: the example of racial/ethnic residential segregation. *Health Serv Res*. 2012 Jun;47(3 Pt 2):1278-99. doi: 10.1111/j.1475-6773.2012.01410.x. PMID: 22515933

Wells CR, **Probst J**, McKeown R, Mitchem S, Whiejong H. The relationship between work-related stress and boundary-related stress within the clerical profession. *J Relig Health*. 2012 Mar;51(1):215-30. PMID: 21647816

June is National Fresh Fruit and Vegetables Month

The American Dietetic Association website reminds us that June is National Fresh Fruit and Vegetables Month. It's "a great time to consider if you're including enough fruits and vegetables in your eating plan. Here are easy ways to add more fruits and vegetables:

- Wake up to fruit: make a habit of adding fruit—fresh, frozen or dried—to your morning oatmeal, ready-to-eat cereal, yogurt or toaster waffle.
- Stock up: Fill your fridge with raw vegetables and fruits—"nature's fast food"—cleaned, fresh and ready to eat.
- "Sandwich" in fruit and vegetables: Add pizzazz to sandwiches with sliced pineapple, apple, peppers, cucumbers and tomato as fillings.
- Top your pizza with lots of veggies. Try broccoli, spinach, green peppers, tomatoes, mushrooms and zucchini.

Fruits and vegetables are a great way to get the most nutrition out of your calories. They are packed with vitamins, minerals, fiber and other nutrients. Just beware of portion sizes. Even low-calorie foods can add up when portions are larger than you need."