

**Funding Opportunities of Interest:**

- Nutrition and Diet in the Causation, Prevention, and Management of Health Failure, R01 (also available in R21). NIH / NHLBI, NIA. PA-11-165  
<http://grants.nih.gov/grants/guide/pa-files/PA-11-165.html>
- Role of Environmental Chemical Exposures in the Development of Obesity, Type 2 Diabetes and Metabolic Syndrome, R01 (also available in R21). NIH, NIEHS, NIDDK. PAR-11-170 <http://grants.nih.gov/grants/guide/pa-files/PAR-11-170.html>
- Enhancing Tumoricidal Activity of Natural Killer (NK) Cells by Dietary Components for Cancer Prevention, R01 (also available in R21). NIH, NCI. PA-11-160  
<http://grants.nih.gov/grants/guide/pa-files/PA-11-160.html>
- How chewing gum influences eating behaviors. 2011-01. The Wrigley Science Institute Pre-proposals due June 10, 2011. Grants are capped at 100,000 total costs, ranging from 1 – 2 years. <http://www.wsigrants.com/>

If you would like submission assistance with the above announcement, or any others, please contact Sarah Gause Epting at [srgause@mailbox.sc.edu](mailto:srgause@mailbox.sc.edu) or 777-6363

**EVENTS OF INTEREST****Nutrition Center Seminar Series: Special Guest**

**Speaker: Dr. Eran Ben-Joseph.** Dr Ben-Joseph is a professor of Landscape Architecture and Planning and the head of the Joint Program in City Design and Development at the Massachusetts Institute of Technology.

***Designed for Health: Does City Planning Matter?***

When: May 27, 2:00 – 3:00  
Location: PHRC 107

**Healthy Carolina Farmers Market:**

Every Tuesday, June 7<sup>th</sup> – July 26<sup>th</sup> 10:00 AM – 2:00  
Location: In front of the Russell House

**Nutrition Center Affiliated Scholars Recent Publications:**

Van Meter E, Lawson AB, **Colabianchi N, Nichols M, Hibbert J, Porter D, Liese AD.** Spatial Accessibility and Availability Measures and Statistical Properties in the Food Environment. *Spat Spattemporal Epidemiol.* 2011 Mar 1;2(1):35-47. PMID: 21499528

Pfeiffer K, **Colabianchi N, Dowda M, Porter D, Hibbert J, Pate RR.** Examining the role of churches in adolescent girls' physical activity. *J Phys Act Health.* 2011 Feb;8(2):227-33. PMID: 21415450

Artero EG, Lee DC, Ruiz JR, Sui X, Ortega FB, Church TS, Lavie CJ, Castillo MJ, **Blair SN.** A prospective study of muscular strength and all-cause mortality in men with hypertension. *J Am Coll Cardiol.* 2011 May 3;57(18):1831-7. PMID: 21527158

**Hooker SP, Feeney A, Hutto B, Pfeiffer KA, McIver K, Heil DP, Vena JE, Lamonte MJ, Blair SN.** Validation of the actical activity monitor in middle-aged and older adults. *J Phys Act Health.* 2011 Mar;8(3):372-81. PMID: 21487136

Barry VW, McClain AC, Shuger S, Sui X, Hardin JW, Hand GA, **Wilcox S, Blair SN**. Using a technology-based intervention to promote weight loss in sedentary overweight or obese adults: a randomized controlled trial study design. *Diabetes Metab Syndr Obes*. 2011 Feb 4;4:67-77. PMID: 21448324

Baruth M, **Wilcox S**, Sallis JF, King AC, Marcus BH, **Blair SN**. Changes in CVD risk factors in the activity counseling trial. *Int J Gen Med*. 2011 Jan 19;4:53-62. PMID: 21403793

Baruth M, Lee DC, Xuemei Sui, Church TS, Marcus BH, **Wilcox S, Blair SN**. Emotional outlook on life predicts increases in physical activity among initially inactive men. *Health Educ Behav*. 2011 Apr;38(2):150-8. PMID: 21368240

Maslow AL, Price AE, Sui X, Lee DC, Vuori I, **Blair SN**. Fitness and adiposity as predictors of functional limitation in adults. *J Phys Act Health*. 2011 Jan;8(1):18-26. PMID: 21297181

Ortega FB, Lee DC, Sui X, Kubzansky LD, Ruiz JR, Baruth M, Castillo MJ, **Blair SN**. Psychological well-being, cardiorespiratory fitness, and long-term survival. *Am J Prev Med*. 2010 Nov;39(5):440-8. PMID: 20965381

Lee DC, Artero EG, Sui X, **Blair SN**. Mortality trends in the general population: the importance of cardiorespiratory fitness. *J Psychopharmacol*. 2010 Nov;24(4 Suppl):27-35. Review. PMID: 20923918

Jackson AW, Lee DC, Sui X, Morrow JR Jr, Church TS, Maslow AL, **Blair SN**. Muscular strength is inversely related to prevalence and incidence of obesity in adult men. *Obesity (Silver Spring)*. 2010 Oct;18(10):1988-95. PMID: 19960002

Stewart LK, Earnest CP, **Blair SN**, Church TS. Effects of different doses of physical activity on C-reactive protein among women. *Med Sci Sports Exerc*. 2010 Apr;42(4):701-7. PMID: 19952829

Church TS, Earnest CP, Thompson AM, Priest EL, Rodarte RQ, Saunders T, Ross R, **Blair SN**. Exercise without weight loss does not reduce C-reactive protein: the INFLAME study. *Med Sci Sports Exerc*. 2010 Apr;42(4):708-16. PMID: 19952828

#### INTRODUCTIONS:

#### Get To Know Our Nutrition Research Community

**Holly Pope, PhD, MSPH** is the Director of Communications at the Center for Research in Nutrition and Health Disparities. Her graduate training focused on community health and multi-dimensional scale development using qualitative and quantitative methods. As Director of Communications, her role is to assist in the development and implementation of communication strategies to increase the visibility of the Center and to facilitate the engagement of interdisciplinary scholars and stakeholders in collaborative nutrition and health disparities research. She is involved with the design and content of the Center's soon to be released website; working with USC and Arnold School media relations; maintaining communication channels with the Center's Affiliated Scholars; and facilitating connections of the Center regarding nutrition and health disparities research on national, state, and local levels.



**Blake CE**, Wethington E, Farrell TJ, Bisogni CA, Devine CM. Behavioral contexts, food-choice coping strategies, and dietary quality of a multiethnic sample of employed parents. *J Am Diet Assoc.* 2011 Mar;111(3):401-7. PMID: 21338739

Miniati M, Monti S, Basta G, Cocci F, Fornai E, **Bottai M**. Soluble receptor for advanced glycation end products in COPD: relationship with emphysema and chronic cor pulmonale: a case-control study. *Respir Res.* 2011 Mar 30;12:37. PMID: 21450080

**Thrasher JF**, Swayampakala K, Arillo-Santillán E, Sebríe E, **Walsemann KM**, **Bottai M**. Differential impact of local and federal smoke-free legislation in Mexico: a longitudinal study among adult smokers. *Salud Publica Mex.* 2010;52 Suppl 2:S244-53. PMID: 21243195

**Beets MW**, Bornstein D, Dowda M, **Pate RR**. Compliance with national guidelines for physical activity in u.s. Preschoolers: measurement and interpretation. *Pediatrics.* 2011 Apr;127(4):658-64. Epub 2011 Mar 21. PMID: 21422082

**Merchant AT**, Jethwani M, Choi YH, Morrao EH, **Liese AD**, Mayer-Davis E. Associations between periodontal disease and selected risk factors of early complications among youth with type 1 and type 2 diabetes: a pilot study. *Pediatr Diabetes.* 2011 Mar 11. doi: 10.1111/j.1399-5448.2010.00736.x. PMID: 21392193

Dehghan M, Akhtar-Danesh N, **Merchant AT**. Factors associated with fruit and vegetable consumption among adults. *J Hum Nutr Diet.* 2011 Feb 21. doi: 10.1111/j.1365-277X.2010.01142.x. PMID: 21332835

Song HR, Lawson A, D'Agostino RB Jr, **Liese AD**. Modeling Type 1 and type 2 diabetes mellitus incidence in youth: an application of Bayesian hierarchical regression for sparse small area data. *Spat Spattemporal Epidemiol.* 2011 Mar 1;2(1):23-33. PMID: 21505641

Van Meter E, Lawson AB, Colabianchi N, Nichols M, Hibbert J, Porter D, Liese AD. Spatial Accessibility and Availability Measures and Statistical Properties in the Food Environment. *Spat Spattemporal Epidemiol.* 2011 Mar 1;2(1):35-47. PMID: 21499528

**Liese AD**, Bortsov A, Günther AL, Dabelea D, Reynolds K, Standiford DA, Liu L, Williams DE, Mayer-Davis EJ, D'Agostino RB Jr, Bell R, Marcovina S. Association of DASH Diet With Cardiovascular Risk Factors in Youth With Diabetes Mellitus: The SEARCH for Diabetes in Youth Study. *Circulation.* 2011 Apr 5;123(13):1410-7. PMID: 21422385

**Pueff RC**, Hart JE, Schwartz J, Hu FB, **Liese AD**, Laden F. Are particulate matter exposures associated with risk of type 2 diabetes? *Environ Health Perspect.* 2011 Mar;119(3):384-9. PMID: 21118784

Bortsov A, **Liese AD**, Bell RA, Dabelea D, D'Agostino RB Jr, Hamman RF, Klingensmith GJ, Lawrence JM, Maahs DM, McKeown R, Marcovina SM, Thomas J, Mayer-Davis EJ. Correlates of dietary intake in youth with diabetes: results from the SEARCH for diabetes in youth study. *J Nutr Educ Behav.* 2011 Mar-Apr;43(2):123-9. PMID: 21276755

Vyavaharkar M, Moneyham L, Corwin S, Tavakoli A, **Saunders R**, Annang L. HIV-disclosure, social support, and depression among HIV-infected African American women living in the rural southeastern United States. *AIDS Educ Prev.* 2011 Feb;23(1):78-90. PMID: 21341962

Lawman HG, **Wilson DK**, Van Horn ML, Resnicow K, Kitzman-Ulrich H. The relationship between psychosocial correlates and physical activity in underserved adolescent boys and girls in the ACT trial. *J Phys Act Health*. 2011 Feb;8(2):253-61. PMID: 21359129[

**Walsemann KM**, Ailshire J. BMI trajectories during the transition to older adulthood: Persistent, widening, or diminishing disparities by ethnicity and education? *Research on Aging*. 2011 33(3), 286-311.

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## Healthy Eating in Context Symposium

March 18, 2011

The Center for Research in Nutrition and Health Disparities at the Arnold School drew around 90 researchers, students, and leaders of community organizations and state agencies for its first comprehensive, university-wide symposium March 18.

"Healthy Eating in Context: The Role of Political, Physical, Economic, and Social Structures in Nutrition" covered topics related to the nationally compelling challenges and complexity of food access and the impact of poor diet and physical inactivity. The event included Dr. Stephen Kresovich, USC's vice president for research and graduate education, among its participants.

Kresovich, who gave opening remarks for the symposium, lauded the Center's lead to bring University researchers together to tackle the health problems associated with being overweight, obese, and physically inactive. The center, which has 45 affiliated researchers from across campus, has taken the lead in an effort that is vital to the health and well-being of children and adults throughout the state and nation, he said.

The symposium sessions were organized as Food Environment, Access, and Behavior; Innovations in Environmental Measurement and Methods; Families and Food; and Policy Environments.

Among the presenters were James Hibbert and Drs. Angela Liese, Sonya Jones, Edward Frongillo, Natalie Colabianchi, Ruth Saunders, Christine Blake, Jihong Liu, and Michael Beets, all from the Arnold School; Dr. Bethany Bell of the College of Education; Dr. Darcy Freedman, College of Social Work; Dr. Dawn K. Wilson, College of Arts and Sciences; Dr. Melayne McInnes, Moore School of Business; and Dr. Kevin Bennett, School of Medicine; and Dr. Kuldar Taveter a Fulbright Scholar from Estonia who is visiting the College of Engineering and Computer Science.

Liese, The Center's Director, said she was pleased with the quality of research presented at the symposium and the enthusiasm for the program. She went on say that due to the diverse network of people across the USC campus and elsewhere, the center has advanced the cause of research into nutrition and health disparities.