

May 14, 2009

## FUNDING OPPORTUNITIES OF INTEREST

### Recovery Act Limited Competition: NCMHD Community Participation in Health Disparities Intervention Research Planning Phase (R24)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MD-09-006.html>

### Pilot Intervention and Services Research Grants (R34)

<http://grants.nih.gov/grants/guide/pa-files/PA-09-173.html>

### NIH Small Research Grant Program (Parent R03)

<http://grants.nih.gov/grants/guide/pa-files/PA-09-163.html>

### Pilot and Feasibility Clinical Research Studies in Digestive Diseases and Nutrition (R21)

<http://grants.nih.gov/grants/guide/pa-files/PA-09-151.html>

### Community-Based Partnerships for Childhood Obesity Prevention and Control: Research to Inform Policy (R21)

<http://grants.nih.gov/grants/guide/pa-files/PA-09-141.html>

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

## INTRODUCTIONS:

### Get To Know Our Nutrition Research Community

**Susan Steck, PhD** is a Research Assistant Professor in the Department of Epidemiology and Biostatistics in the Arnold School of Public Health and the Statewide Cancer Prevention and Control Program at the University of South Carolina. She is an Affiliated Scholar with the Center for Research in Nutrition and Health Disparities. Dr. Steck received her PhD and MPH in Nutrition from the University of North Carolina at Chapel Hill where she served on the faculty in the Department of Nutrition for four years before moving to Columbia in 2005. She also completed postdoctoral training in cancer epidemiology at the National Cancer Institute as part of their Cancer Prevention Fellowship Program. Dr. Steck's research interests broadly include nutrition and cancer epidemiology, and more specifically include health disparities in cancer outcomes, gene-diet interactions, and biomarkers of nutrient intake and disease processes. Some of her current research projects include the following: 1) the interaction between cruciferous vegetable intake and polymorphisms in genes encoding Phase I and Phase II metabolizing enzymes in relation to cancer, 2) vitamin D and polymorphisms in the vitamin D receptor gene and breast cancer by race, 3) well-done meat intake and polymorphisms in DNA repair genes in relation to colon and breast cancer risk by race, and 4) DNA methylation and diet in the colon carcinogenesis process.

**Mayrah Fram, PhD**, is an Assistant Professor in the College of Social Work. Her scholarship focuses, most broadly, on the mechanisms through which social context creates and sustains inequality. More specifically, she applies a social capital theoretical perspective to examine issues of child and family well-being, with the goal of developing new knowledge that can help promote social justice through progressive change. She has drawn on this framework to guide research focusing on the social contexts of child care, early development, parenting, domestic violence, and family food decision-making.

## Get Moving for Health during "May Month"

May is National Physical Fitness and Sports Month.

According to Melissa Johnson, executive director of the President's Council on Physical Fitness and Sports, "Americans of all ages need to incorporate more movement into their daily lives. Adults need at least 30 minutes of activity 5 days each week. This can be done by choosing to bike or walk instead of driving, taking stairs instead of elevators, or pushing a lawnmower instead of riding one. Children need at least 60 minutes of daily active play. They need to run, climb, jump, and just get up and move around, away from their desks, the television and computer games."

Twenty minutes of vigorous physical activity three times a week, such as sports, aerobics, working out in the gym, and running, have added health benefits. Johnson says, "But it's important to understand that you don't need to sweat in a gym or run a marathon to reap the health benefits of daily physical activity. Even 30 minutes a day, broken up into shorter increments of ten or fifteen minutes, can greatly improve your health."

*For information about the President's Council on Physical Fitness and Sports, go to [www.fitness.gov](http://www.fitness.gov). To start a physical activity and fitness program, log on to [www.presidentschallenge.org](http://www.presidentschallenge.org) and sign up to take the President's Challenge.*

## NUTRITION CENTER AFFILIATED SCHOLARS RECENT PUBLICATIONS (IN **BOLD**):

Peel JB, Sui X, **Adams SA, Hébert JR, Hardin JW, Blair SN**. A prospective study of cardiorespiratory fitness and breast cancer mortality. *Med Sci Sports Exerc*. 2009 Apr;41(4):742-8. PMID: 19276861

**Hebert JR, Brandt HM, Armstead CA, Adams SA, Steck SE**. Interdisciplinary, translational, and community-based participatory research: finding a common language to improve cancer research. *Cancer Epidemiol Biomarkers Prev*. 2009 Apr;18(4):1213-7. Epub 2009 Mar 31. PMID: 19336548

**Baxter SD, Hardin JW, Guinn CH, Royer JA, Mackelprang AJ, Smith AF**. Fourth-grade children's dietary recall accuracy is influenced by retention interval (target period and interview time). *J Am Diet Assoc*. 2009 May;109(5):846-56. PMID: 19394471

Ferron JM, **Bell BA, Hess MR, Rendina-Gobioff G, Hibbard ST**. Making treatment effect inferences from multiple-baseline data: The utility of multilevel modeling approaches. *Behav Res Methods*. 2009 May;41(2):372-84. PMID: 19363177

Ballard-Barbash R, Hunsberger S, Alciati MH, **Blair SN, Goodwin PJ, McTiernan A, Wing R, Schatzkin A**. Physical activity, weight control, and breast cancer risk and survival: clinical trial rationale and design considerations. *J Natl Cancer Inst*. 2009 May 6;101(9):630-43. Epub 2009 Apr 28. PMID: 19401543

Ruiz JR, Sui X, Lobelo F, Lee DC, Morrow JR Jr, Jackson AW, **Hébert JR, Matthews CE, Sjöström M, Blair SN**. Muscular strength and adiposity as predictors of adulthood cancer mortality in men. *Cancer Epidemiol Biomarkers Prev*. 2009 May;18(5):1468-76. Epub 2009 Apr 14. PMID: 19366909

Peel JB, Sui X, Matthews CE, **Adams SA, Hébert JR, Hardin JW, Church TS, Blair SN**. Cardiorespiratory fitness and digestive cancer mortality: findings from the aerobics center longitudinal study. *Cancer Epidemiol Biomarkers Prev*. 2009 Apr;18(4):1111-7. Epub 2009 Mar 17. PMID: 19293313

**Freedman DA, Bess KD, Tucker HA, Boyd DL, Tuchman AM, Wallston KA**. Public health literacy defined. *Am J Prev Med*. 2009 May;36(5):446-51. PMID: 19362698

Gong Z, Bostick RM, Xie D, **Hurley TG, Deng Z, Dixon DA, Zhang J, Hebert JR**. Genetic polymorphisms in the cyclooxygenase-1 and cyclooxygenase-2 genes and risk of colorectal adenoma. *Int J Colorectal Dis*. 2009 Jun;24(6):647-54. Epub 2009 Feb 11. PMID: 19205707

**Steck SE, Hebert JR**. GST polymorphism and excretion of heterocyclic aromatic amine and isothiocyanate metabolites after Brassica consumption. *Environ Mol Mutagen*. 2009 Apr;50(3):238-46. Review. PMID: 19197987

**Teas J, Hurley TG, Hebert JR, Franke AA, Sepkovic DW, Kurzer MS**. Dietary seaweed modifies estrogen and phytoestrogen metabolism in healthy postmenopausal women. *J Nutr*. 2009 May;139(5):939-44. Epub 2009 Mar 25. PMID: 19321575

Beihl DA, **Liese AD, Haffner SM**. Sleep duration as a risk factor for incident type 2 diabetes in a multiethnic cohort. *Ann Epidemiol*. 2009 May;19(5):351-7. PMID: 19362278

Weis KE, **Liese AD**, Hussey J, Coleman J, Powell P, Gibson JJ, Duffus WA. A routine HIV screening program in a South Carolina community health center in an area of low HIV prevalence. *AIDS Patient Care STDS*. 2009 Apr;23(4):251-8. PMID: 19281345

**Liu J, Probst JC**, Harun N, Bennett KJ, **Torres ME**. Acculturation, physical activity, and obesity among Hispanic adolescents. *Ethn Health*. 2009 Apr 29;15(3):191-9. PMID: 19404878

Martin AB, **Probst J**, Wang JY, Hale N. Effect of having a personal healthcare provider on access to dental care among children. *J Public Health Manag Pract*. 2009 May-Jun;15(3):191-9. PMID: 19363398

Laditka JN, Laditka SB, **Probst JC**. Health care access in rural areas: Evidence that hospitalization for ambulatory care-sensitive conditions in the United States may increase with the level of rurality. *Health Place*. 2009 Sep;15(3):731-40. Epub 2009 Jan 10. PMID: 19211295

Kitzman-Ulrich H, Hampson R, **Wilson DK**, Presnell K, Brown A, O'Boyle M. An adolescent weight-loss program integrating family variables reduces energy intake. *J Am Diet Assoc*. 2009 Mar;109(3):491-6. PMID: 19248868

**Zarrett N**, Fay K, Li Y, Carrano J, Phelps E, Lerner RM. More than child's play: variable- and pattern-centered approaches for examining effects of sports participation on youth development. *Dev Psychol*. 2009 Mar;45(2):368-82. PMID: 19271825

### New Nutrition Center Member:

The Nutrition Center is happy to announce that we have filled the open Administrative Coordinator position. We would like to welcome **Weldon Horne** to our team. He will be located in the PHRC, Room 228. Feel free to stop by and welcome him. He will join us fulltime the last week of May.

Weldon comes from the Department of Psychology, and will be taking over Lori Easterwood's former duties, assisting you with your Post-Award needs.

Welcome Weldon!

## EVENTS

### Nutrition Center Seminar Series

Speaker: Dr. Sonya Jones

Friday, May 22, 2:30 – 3:30 PM

Title: *"Moon pies and pizza police? The roles of state policy, school availability, principals, and children's purchasing in eating junk food."*

Location: HESC, Room 105

### 2009 SC Public Health Association Annual Meeting

May 19 - 22, 2009

Location: Springmaid Beach Resort,  
Myrtle Beach, SC