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UNIVERSITY OF
SOUTH CAROLINA
Center for Research in Nutrition and Health Disparities

**April
Newsletter**

Enhanced nutrition and health
disparities research synergy

Nutrition in the News

The 4th Annual Symposium was held on Friday, March 21, 2014 and was featured in Midlands Biz!



The Nutrition Center 4th Annual Symposium, "Healthy Eating in Context: Communicating for Change and Sustainability", was held

Friday, March 21 at the Columbia Metropolitan Convention Center, sponsored by the Center for Research in Nutrition and Health Disparities at USC's Arnold School of Public Health and Environment and Sustainability Program. Dr. Tom Baranowski, a professor of pediatrics at the Baylor College of Medicine, was the keynote speaker for the fourth annual symposium. More than 125 faculty, staff, students and community members participated. [Click here to read the article.](#)

Nutrition Center Grant News!

The SEARCH Nutrition Ancillary Study (SNAS) team, including Drs. **Angela Liese** and **Anwar Merchant** at USC, has been awarded a competing renewal of their R01 for 2014-2018 from the NIH/NIDDK (PIs Beth Mayer-Davis and Natalie The at UNC and Furman University, respectively). SNAS 2 will examine the associations of nutritional factors with macro- and microvascular complications in youth with diabetes. Dr. Liese (subcontract PI at USC) leads the study's aims related to dietary patterns and measurement error issues associated with diet assessment. The study is ancillary to the multi-center SEARCH for Diabetes in Youth effort which has been ongoing since 2000.

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Nutrition Center Affiliates

Dr. **Steve Blair** will receive the Population Science and Public Health Award

Dr. Steve Blair of the Arnold School of Public Health has been named the recipient of the Population Science and Public Health Award of the World Obesity Federation. The award, which will be presented during the 2014 meeting of the International Congress on Obesity (ICO), was established in 2006 to recognize an individual who has made outstanding contributions to field of obesity. [Click here to read more.](#)

Dr. **Russ Pate** featured in ACSM report
An opinion article, "Active Voice: Obesity in America – Don't Believe Everything You Read," written by Dr. Russ Pate, is featured in the Sports Medicine Bulletin of the American College of Sports Medicine. The column examines how obesity is communicated through the mass media.
Visit <http://www.multibriefs.com/briefs/acsm/active3-11.htm> to read more of Pate's column.

Recent Policy Briefs

The Nutrition Center's newest policy and practice brief.



Buying Power, Community Power: Increasing Access to Produce through Bulk Produce Buying Clubs

By Lashonda Williams, Bri Farber, & Carrie Draper

Executive Summary: Fruits and vegetables are expensive and difficult to access for low-income communities. A bulk produce buying club could help improve access by bringing fruits and vegetables into communities at lower prices, particularly through the usage of SNAP. Further they can empower communities to participate in local and regional food systems.

[Click here to read more.](#)

<http://nutritioncenter.sph.sc.edu/doc/Bulk%20Produce%20Buying%20Clubs%20final%203.17.2014.pdf>

APHA 2014 Awards

It's time to nominate your colleagues for the 2014 APHA Awards!

The American Public Health Association is now accepting for its Awards Program. Nominate a colleague who exemplifies outstanding professionalism, dedication and contributions in the field of public health. Membership is not required for nomination to several of APHA's awards.

The awards will be presented at the 142nd APHA Annual Meeting and Exposition, Nov. 15-19, 2014 in New Orleans, LA.

The deadline for nominations is April 25, 2014.

<http://www.apha.org/about/awards/>

Nutrition Center Seminar Series Final seminar of the semester!

The seminar will be held on Friday, May 2, 2014

Join us for the final seminar of this semester on Friday, May 2!

Two graduate students will present their research on using technology in health and nutrition, followed by a moderated discussion on this topic.

Rejin James, graduate student in Computer Science and Engineering

[An Application for Keeping Track in Food Item Expiration](#)

Food, honestly, is too precious to waste. Food wastage is a very serious issue prevalent in the world today.

American households alone throw out an equivalent of \$165 billion worth of food each year. People often forget to consume food they purchased before the expiration date; or sometimes they over-purchase food, then throw them away. Hence, this thesis aims to prevent food wastage with the help of a smart phone application that helps keep track of food item expiration dates and gives you notification alerts when it is about to expire. It implements a barcode scanner for automatic product name discovery as well as optical character recognition (OCR) for automatic food expiration discovery.

Danielle Schoffman, graduate student, Health Promotion, Education and Behavior

[Apps for Family Obesity Treatment and Prevention](#)

Mobile smartphone applications (apps) offer a scalable way to deliver family obesity treatment and prevention interventions, yet little is known about the efficacy of or family preference for apps. The aim of the present study is to test the efficacy, usability, and acceptability of commercial apps and mobile monitoring devices for Physical Activity (PA) and Healthy Eating (HE) with parent-child dyads. Using a two phase design, parent-child dyads are enrolled in a 4-week mobile intervention to test a set of apps and monitoring devices, then share their experiences and preferences during a post-program structured interview. Elements of the study design, including participant recruitment, measurement of outcomes, and preliminary results will be discussed.

Friday, May 2, 2014

PLEASE NOTE - room change

Discovery I, Community Engagement Room 331

2:00 - 3:00pm

Nutrition Center Affiliates Recent Publications

(in alphabetical order by first author, no ePubs before print)

Alhassan S, Greever C, Nwaokelemeh O, Mendoza A, **Barr-Anderson DJ**. Facilitators, barriers, and components of a culturally tailored afterschool physical activity program in preadolescent African American girls and their mothers. *Ethn Dis*. 2014 Winter;24(1):8-13. PMID: 24620442

Beets MW, Weaver RG, **Moore JB**, **Turner-McGrievy G**, **Pate RR**, Webster C, Beighle A. From Policy to Practice: Strategies to Meet Physical Activity Standards in YMCA Afterschool Programs. *Am J Prev Med*. 2014 Mar;46(3):281-8. doi: 10.1016/j.amepre.2013.10.012. PMID: 24512867

Cuenca-García M, Artero EG, Sui X, Lee DC, **Hébert JR**, **Blair SN**. Dietary indices, cardiovascular risk factors and mortality in middle-aged adults: findings from the Aerobics Center Longitudinal Study. *Ann Epidemiol*. 2014 Apr;24(4):297-303.e2. doi: 10.1016/j.annepidem.2014.01.007. Epub 2014 Jan 24. PMID: 24529647

Friedman DB, Freedman DA, Choi SK, Anadu EC, Brandt HM, Carvalho N, **Hurley TG**, Young VM, **Hébert JR**. Provider communication and role modeling related to patients' perceptions and use of a federally qualified health center-based farmers' market. *Health Promot Pract*. 2014 Mar;15(2):288-97. doi: 10.1177/1524839913500050. Epub 2013 Aug 28. PMID: 23986503 | PMCID:PMC3871943

Frongillo EA, Tofail F, Hamadani JD, Warren AM, Mehrin SF. Measures and indicators for assessing impact of interventions integrating nutrition, health, and early childhood development. *Ann N Y Acad Sci*. 2014 Jan;1308(1):68-88. doi: 10.1111/nyas.12319. Epub 2013 Dec 26. PMID: 24372533

Greiner KA, Friedman DB, **Adams SA**, Gwede CK, Cupertino P, Engelman KK, Meade CD, **Hébert JR**. Effective recruitment strategies and community-based participatory research: community networks program centers' recruitment in cancer prevention studies. *Cancer Epidemiol Biomarkers Prev*. 2014 Mar;23(3):416-23. doi: 10.1158/1055-9965.EPI-13-0760. PMID: 24609851

Huberty JL, Dinkel DM, **Beets MW**. Evaluation of GoGirlGo!: A practitioner based program to improve physical activity. *BMC Public Health*. 2014 Feb 5;14(1):118. doi: 10.1186/1471-2458-14-118. PMID: 24499359 | PMCID:PMC3943504

Jalal CS, **Frongillo EA**. Effect of poverty reduction program on nutritional status of the extreme poor in

Bangladesh. *Food Nutr Bull*. 2013 Dec;34(4):402-11. PMID: 24605690

Moore JB, **Beets MW**, Morris SF, Kolbe MB. Comparison of objectively measured physical activity levels of rural, suburban, and urban youth. *Am J Prev Med*. 2014 Mar;46(3):289-92. doi: 10.1016/j.amepre.2013.11.001. PMID: 24512868

Morris SF, Kolbe MB, **Moore JB**. Lessons learned from a collaborative field-based collection of physical activity data using accelerometers. *J Public Health Manag Pract*. 2014 Mar-Apr;20(2):251-8. doi: 10.1097/PHH.0b013e3182893b9b. PMID: 23518592

Rousu MC, O'Connor RJ, **Thrasher JF**, June KM, Bansal-Travers M, Pitcavage J. The impact of product information and trials on demand for smokeless tobacco and cigarettes: Evidence from experimental auctions. *Prev Med*. 2014 Mar;60:3-9. doi: 10.1016/j.ypmed.2013.11.001. Epub 2013 Dec 7. PMID: 24321456

Sáenz de Miera Juárez B, **Thrasher JF**, Reynales Shigematsu LM, Hernández Ávila M, Chaloupka FJ. Tax, price and cigarette brand preferences: a longitudinal study of adult smokers from the ITC Mexico Survey. *Tob Control*. 2014 Mar;23 Suppl 1:i80-i85. doi: 10.1136/tobaccocontrol-2012-050939. Epub 2013 Oct 10. PMID: 24114563

Saunders RP, **Wilcox S**, Baruth M, Dowda M. Process evaluation methods, implementation fidelity results and relationship to physical activity and healthy eating in the Faith, Activity, and Nutrition (FAN) study. *Eval Program Plann*. 2014 Apr;43:93-102. doi: 10.1016/j.evalprogplan.2013.11.003. Epub 2013 Dec 10. PMID: 24394548

Thompson B, **Hébert JR**. Involving disparate populations in clinical trials and biobanking protocols: experiences from the community network program centers. *Cancer Epidemiol Biomarkers Prev*. 2014 Mar;23(3):370-3. doi: 10.1158/1055-9965.EPI-14-0118. No abstract available. PMID: 24609845

Tilley F, Weaver RG, **Beets MW**, **Turner-McGrievy G**. Healthy eating in summer day camps: the healthy lunchbox challenge. *J Nutr Educ Behav*. 2014 Mar-Apr;46(2):134-41. doi: 10.1016/j.jneb.2013.11.008. Epub 2014 Jan 17. PMID: 24440737

Turner-McGrievy GM, Davidson CR, **Wilcox S**. Does the type of weight loss diet affect who participates in a behavioral weight loss intervention? A comparison of participants for a plant-based diet versus a standard diet trial. *Appetite*. 2014 Feb;73:156-62. doi: 10.1016/j.appet.2013.11.008. Epub 2013 Nov 20. PMID: 24269507 | PMCID:PMC3932532

Upcoming Grant Opportunities

NIH

Small Grants for New Investigators to Promote Diversity in Health-Related Research (R03)
<http://grants.nih.gov/grants/guide/pa-files/PA-13-074.html>
Due Date: Jun 16, 2014
A Letter of Intent (LOI) is due May 16, 2014.

Addressing Health Disparities in NIDDK Diseases (R01)
<http://grants.nih.gov/grants/guide/pa-files/PA-13-183.html>
Due Date (standard): June 5, 2014

Home and Family Based Approaches for the Prevention or Management of Overweight or Obesity in Early Childhood (R01)
Reissue of PA-10-127
<http://grants.nih.gov/grants/guide/pa-files/PA-13-153.html>
Due Date (standard): June 16, 2014

HHS

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship (Parent F31) Grant
Other related opportunities -
<http://grants.nih.gov/training/nrsa.htm>
<http://www.grants.gov/web/grants/view-opportunity.html?oppld=252296>
Due Dates: April 8, August 8 or December 8, 2014

USDA

USDA-NIFA-CFP-004489
National Institute of Food and Agriculture Community Food Projects Competitive Grants Program Grant
<http://www.grants.gov/web/grants/view-opportunity.html?oppld=251931>
Due Date (standard): March 31, 2014

NIFA-AFRI-004492
Agriculture and Food Research Initiative - Childhood Obesity Prevention
<http://www.grants.gov/web/grants/search-grants.html?keywords=USDA-NIFA-AFRI-004492f>
Due Date: Jun 19, 2014
A Letter of Intent (LOI) must be received by 5:00 p.m. Eastern Time (ET) on April 17, 2014. A LOI is a prerequisite to submission of an application.

RIDGE

The RIDGE Center for Targeted Studies
Advancing Social Sciences-Based Research on Food Assistance and Nutrition Challenges in Rural America
2014 RFP
Due May 8, 2014
http://srdc.msstate.edu/ridge/grants/files/ridge_2014_rfp_final.pdf

The RIDGE Center for Targeted Studies
Doctoral Dissertation Research Grant Program
Due May 15, 2014
http://srdc.msstate.edu/ridge/grants/files/2014_ridge_doctoral_dissertation_research_program_final.pdf

LOCAL

South Carolina Cancer Alliance
FY 2014-15 Implementation Projects
LOI Due Date: April 14, 2014
<https://mysph.sc.edu/news/item/1057-sc-cancer-alliance-call-for-letters-of-intent-to-submit-proposals-due-april-14-up-to-125-000>

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