



NutriNews

Welcome back NutriNews subscribers! We hope you've enjoyed your summer. We can't wait to update you on all of the nutrition-related activities that have occurred over the past couple of months and what's to come this Fall Semester.

Important Nutrition-Related Updates & Events at UofSC



Student Nutrition Group (SNG) Kickback/Welcome Back Event

The SNG is hosting a kickback/welcome back event! Stop by the Discovery Building to get some snacks, participate in some games, learn a few nutrition fun facts, meet the members, and more!

Date: September 7th, 2021 at 1:00PM

Location: Outside of Discovery I Building



Don't miss out on this upcoming event hosted by the Student Nutrition Group!

Leadership positions are still available for the SNG. If you are interested, please contact SOSNG@mailbox.sc.edu.

Recent UofSC Student Achievements

Congratulations are in order! The following individuals are being highlighted for their recent achievements:

- **Shilpa Constantinides, PhD**, has received the 2021-2022 AAAS Science and Technology Policy Fellow hosted by the Millennium Challenge Corporation in the Department of Human and Community Development, where she will serve as a member of the Social and Behavior Change Team. Dr. Constantinides is among 284 highly trained scientists and engineers who will spend a year serving professionally in federal agencies and congressional offices as a Science & Technology Policy Fellow. The U.S. government benefits from the contributions of highly trained scientists and engineers while they learn first-hand about federal policymaking and implementation.
- **Nkechi Okpara, MS, RD**, recently was awarded for her presentation at the [Society of Behavioral Medicine Annual Meeting](#):
 - Okpara N, Chauvenet C, Grich K, Turner-McGrievy GM. "Food Doesn't Have Power Over Me Anymore!" The Role of Self-Efficacy in Determining Motivation and Dietary Adherences. (April 2021) Research spotlight at the Society of Behavioral Medicine Annual Meeting. **Winner, Most Viewed Spotlight Presentation Award.**
- **Lauren Reid, PhD**, began her work at UofSC conducting research with Dr. Russell Pate as a member of the Children's Physical Activity Research Group before pursuing her PhD in Epidemiology working with Dr. Angela Liese. Through her involvement in Liese's SEARCH for Diabetes in Youth Study and other projects, Reid became interested in how food insecurity affects people with diabetes. As a doctoral student,

Reid received the “You Rock Award” from the South Carolina Department of Health and Environmental Control’s Division of Nutrition, Physical Activity, and Obesity, and was selected to join the UofSC’s Grace Jordan McFadden Professors Program. Her dissertation research focused on how food insecurity is associated with glycemic control, physical activity and diet quality of youth and young adults with diabetes. Dr. Reid graduated in August after she successfully defended her dissertation and has been awarded a post-doctoral fellowship in the National Institute on Minority Health and Health Disparities.

- **Marilyn Wende, PhD**, began working with the Built Environment and Community Health (BEACH) Laboratory within the Department of Health Promotion, Education, and Behavior after graduating from the Department of Epidemiology and Biostatistics in the Arnold School of Public Health. Throughout her PhD scholarship, Marilyn contributed substantially to numerous federally-supported studies, including the development of a national Childhood Obesogenic Environment Index and the development and validation of the ParkIndex tool for addressing park access inequalities. She also worked with the USC Prevention Research Center on several CDC- and NIH-funded projects related to physical activity and public health. For her dissertation, she studied relationships between neighborhood walkability, green space, socioeconomic status, and falling and fracture among postmenopausal women in the Women’s Health Initiative study. Marilyn also served as the president of the Student Nutrition Group and as a steering committee member for United Campus Workers South Carolina. Marilyn has been an integral part of the Arnold School of Public Health and our Gamecock community, and will soon be transitioning to a new postdoctoral research association

position in the Robbins College of Health and Human Sciences at Baylor University.

- **Mary Wilson, PhD**, began working for the UofSC Center for Research on Nutrition and Health Disparities after graduating from the Health Services, Policy, and Management (HSPM) department in the Arnold School of Public Health. In 2017, Ms. Wilson transitioned to become the project manager of the Nutritious Eating with Soul (NEW Soul) study led by Dr. Brie Turner-McGrievy. During that time, Mary also began pursuing her PhD in HSPM. Dr. Wilson graduated in August after she successfully defended her dissertation. For her dissertation, she is conducting the cost-effectiveness analysis of the NEW Soul study. Dr. Wilson has been an integral part of the NEW Soul team and we're excited to have her strong public health research experience on our new NIDDK-funded project examining the cultural relevance of US Dietary Guidelines among African American adults in the south.

Important Nutrition-Related Updates & Events from Professional Organizations



The APHA Annual Meeting and Expo is the largest and most influential yearly gathering of public health professionals, bringing the public health community together to experience robust scientific programming, networking, social events and

more. APHA's 2021 Annual Meeting and Expo will take place **Oct. 24-27, 2021.**

More Information

We will provide more information and send notification of dates and times of affiliate presentations as they become available for these upcoming events. Please let us know if you are presenting at any of the upcoming conferences or if there are any other nutrition-related conferences we should be promoting.

Recent Affiliate Nutrition-Related Publications

Brady RP, Shah AS, Jensen ET, Stafford JM, D'Agostino Jr RB, Dolan LM, Knight L, Imperatore G, Turllet CB, **Liese AD**, et al. [Glycemic control is associated with dyslipidemia over time in youth with type 2 diabetes: The SEARCH for diabetes in youth study.](#) *Pediatr Diabetes*. 2021;10.1111/pedi.13253. doi:10.1111/pedi.13253

Burkart S, Parker H, **Weaver RG**, **Beets MW**, et al. [Impact of the COVID-19 pandemic on elementary schoolers' physical activity, sleep, screen time and diet: A quasi-experimental interrupted time series study.](#) *Pediatric Obesity*. 2021;e12846. <https://doi.org/10.1111/ijpo.12846>

Carducci B, Oh C, Roth DE, Neufeld L, **Frongillo EA**, L'Abbe MR, Fanzo J, Herforth A, Sellen DW, Bhutta ZA. [Gaps and priorities in assessment of food environments for children and adolescents in low- and middle- income countries.](#) *Nature Food* 2:396-403, 2021. doi.org/10.1038/s43016-021-00299-5

Crowe R, Probst Y, **Weaver RG**, **Beets MW**, et al. [Systematic observation of healthy](#)

eating environments in afterschool services: a cross-sectional study. *Public Health Nutrition*. 2021;1-20. doi:10.1017/S1368980021003220

Draper CL, Younginer N. Readiness of SNAP-Ed Implementers to Incorporate Policy, Systems, and Environmental Approaches into Programming. *Behavior* 2021. <https://doi.org/10.1016/j.jneb.2021.05.004>.

Frongillo EA, Bernal J, Rampalli KK, Massey E, Adams EJ, Rosemond TN, Blake CE. Experiences and Situations of Shame among Food-insecure Adolescents in South Carolina and Oregon. *Ecol Food Nutr*. 2021;1-17. doi:10.1080/03670244.2021.1956484

Jensen ML, Gonzalez W, Bolaños-Palmieri C, Monge-Rojas R, **Frongillo EA.** Implementation of a regulatory food policy to reduce availability of energy-dense foods in Costa Rican high schools. *Public Health Nutr*. 2021;1-13. doi:10.1017/S1368980021003013

Kornbluh M, **Hallum S, Wende M,** Ray J, Herrnstadt Z, **Kaczynski AT.** Examining Disparities in Food Access Between Historically Black Colleges and Universities and Non-Historically Black Colleges and Universities. *Am J Health Promot*. 2021;8901171211024412. doi:10.1177/08901171211024412

Larson LM, Braat S, Hasan MI, et al. Preanalytic and analytic factors affecting the measurement of haemoglobin concentration: impact on global estimates of anaemia prevalence. *BMJ Global Health* 2021;6:e005756.

Nagata JM, Miller JD, Cohen CR, **Frongillo EA,** Weke E, Burger R, Wekesa P, Sheira LA, Mocello AR, Otieno P, Butler LM, Bukusi EA, Weiser SD, Young SL. Water insecurity is associated with lack of viral suppression and greater odds of AIDS-defining illnesses among adults with HIV in western Kenya. *AIDS and Behavior* 2021. doi.org/10.1007/s10461-021-03410-w

Nolan MS, Murray KO, Mejia R, Hotez PJ, Mondragon MJV, Rodriguez S, Palacios JR, Contreras WEM, Lynn MK, **Torres ME,** Escobar MCM. Elevated Pediatric Chagas Disease Burden Complicated by Concomitant Intestinal Parasites and Malnutrition in El Salvador. *Trop Med Infect Dis*. 2021;6(2):72. Published 2021 May 7. doi:10.3390/tropicalmed6020072

Navarro SM, Tsai MM, Ritchie LD, **Frongillo EA,** Laraia BA, **Pate RR,** Au LE. Household Food Insecurity and Children's Physical Activity and Sedentary Behavior in the United States: The Healthy Communities Study. *Public Health Nutr*. 2021;1-20. doi:10.1017/S1368980021002536

Nguyen PH, Kachwaha S, Pant A, Tran LM, Walia M, Ghosh S, Sharmaa PK, Escobar-Alegria J, **Frongillo EA**, Menon P, Avula R. COVID-19 Disrupted Provision and Utilization of Health and Nutrition Services in Uttar Pradesh, India: Insights from Service Providers, Household Phone Surveys, and Administrative Data. *J Nutr.* 2021;nxab135. doi:10.1093/jn/nxab135

Quattlebaum M, Kipp C, **Wilson DK**, Sweeney A, Loncar H, Brown A, Levine S, **Zarrett N**. A Qualitative Study of Stress and Coping to Inform the LEADS Health Promotion Trial for African American Adolescents with Overweight and Obesity. *Nutrients* 2021, 13, 2247. <https://doi.org/10.3390/nu13072247>

Quattlebaum M, **Wilson DK**, Sweeney AM, **Zarrett N**. Moderating Effects of Parental Feeding Practices and Emotional Eating on Dietary Intake among Overweight African American Adolescents. *Nutrients* 2021, 13, 1920. <https://doi.org/10.3390/nu13061920>

Sauder KA, Stafford JM, Ehrlich S, Lawrence JM, **Liese AD**, et al. Disparities in Hemoglobin A_{1c} Testing During the Transition to Adulthood and Association With Diabetes Outcomes in Youth-Onset Type 1 and Type 2 Diabetes: The SEARCH for Diabetes in Youth Study. *Diabetes Care.* 2021;dc202983. doi:10.2337/dc20-2983

Tan JY, Sheira LA, **Frongillo EA**, Gustafson D, Sharma A, Merenstein D, Cohen MH, Golub E, Edmonds A, Ofotokun I, Fischl M, Konkle-Parker D, Neilands T, Tien P, Weiser SD. Food insecurity and frailty among women with and without HIV in the United States: A cross-sectional analysis. *Journal of the International AIDS Society* 24:e25751, 2021. doi.org/10.1002/jia2.25751

Turner-McGrievy G, Halliday TM, Moore JB. COVID-19 Messed Up My Research: Insights from Physical Activity and Nutrition Translational Research. *Translational Journal of the ACSM: Fall 2021 - Volume 6 - Issue 4 - e000169.* doi: 10.1249/TJX.000000000000169

Weaver RG, Hunt ET, Armstrong B, **Beets MW**, Brazendale K, **Turner-McGrievy G**, **Pate RR**, et. al. COVID-19 Leads to Accelerated Increases in Children's BMI z-Score Gain: An Interrupted Time-Series Study. *Am J Prev Med.* 2021;S0749-3797(21)00236-1. doi:10.1016/j.amepre.2021.04.007

Wirth MD, **Zhao L**, **Turner-McGrievy GM**, Ortaglia A. Associations between Fasting Duration, Timing of First and Last Meal, and Cardiometabolic Endpoints in the National Health and Nutrition Examination Survey. *Nutrients* 2021, 13, 2686. <https://doi.org/10.3390/nu13082686>

Zgodic A, **Eberth JM**, Breneman C, **Wende ME**, **Kaczynski AT**, **Liese AD**, McLain

AC. [Estimates of Childhood Overweight and Obesity at the Region, State, and County Levels: A Multilevel Small Area Estimation Approach](#). *Am J Epidemiol*. 2021;kwab176. doi:10.1093/aje/kwab176

Recent Affiliate Nutrition-Related Conference Presentations

American Society for Nutrition - Nutrition 2021 Live Online

- Alhabas M, **Frongillo EA**, **Blake CE**, **Fram M**, Sahyoun N. [Understanding Food Insecurity Resilience of Refugee Families in the United States](#). *Current Developments in Nutrition*, Volume 5, Issue Supplement_2, June 2021, Page 96.
- Armendariz G, **Frongillo EA**, **Reyes LI**, Bonvecchio A, **Blake CE**. [Role of Alternative Caregivers in Food Choices for Young Children in Semi-urban and Urban Mexico](#). *Current Developments in Nutrition*, Volume 5, Issue Supplement_2, June 2021, Page 959
- Constantinides SV**, **Blake CE**, **Frongillo EA**, Thow AM, Avula R, **Liese A**. [The Role of Stakeholder Framing in Nutrition Agenda-Setting to Address the Double Burden of Malnutrition in Tamil Nadu, India](#). *Current Developments in Nutrition*, Volume 5, Issue Supplement_2, June 2021, Page 637, https://doi.org/10.1093/cdn/nzab045_019
- Constantinides SV**, **Bhandari S**, **Kenney E**, **Frongillo EA**, **Blake CE**. [Perspectives on Food Safety and Their Influence on Food Choice in Low- and Middle-Income Countries](#). *Current Developments in Nutrition*, Volume 5, Issue Supplement_2, June 2021, Page 550.
- Frongillo EA** - E.V. McCollum International Lectureships in Nutrition - How and Why Did Food Insecurity of Households and Individuals Become So Important? *Nutrition 2021 Live Online Award Lecture*.
- Larson L**, Feuerriegel D, Hasan MI, Jin J, Braat S, Shiraji S, Tofail F, Biggs B-A, Pasricha S-R, Hamadani J, Johnson K, Bode S. [Effects of Supplementation With Iron Syrup or Iron-Containing Multiple Micronutrient Powders on Neural Indices of Cognitive Functioning in Bangladeshi Children](#). *Current Developments in Nutrition*, Volume 5, Issue Supplement_2, June 2021, Page 656
- Rampalli K**, **Blake CE**, **Frongillo EA**, Erickson K, Laar A. [Perspectives of Urban Ghanaian Adolescents on Healthy Eating Habits](#). *Current Developments in Nutrition*,

Reyes LI, Bhandari S, Constantinides SV, Frongillo EA, Blake

CE. [Recommended Actions in Global Nutrition Initiatives That Link Food Environment and Food Choice.](#) *Current Developments in Nutrition*, Volume 5, Issue Supplement_2, June 2021, Page 565

Zhao L, Tyson N, Liu J, Hébert J, Steck S. [Trends in Dietary Supplement Use Among US Adults Between 2009 and 2018.](#) *Current Developments in Nutrition*, Volume 5, Issue Supplement_2, June 2021, Page 701

6th Annual Agriculture, Nutrition and Health (ANH) Academy Week

[“Food systems and food choice concepts and strategies for promotion of sustainable healthy diets in low- and middle-income countries”](#) Presented by Christopher Turner, **Christine Blake, Edward Frongillo**, Dominic Rowland, **Shilpa Constantinides**, Inge Brouwer, Katherine Pittore, Rudaba Khondker, and Masresha Tessema. *ANH 2021.*

[“They want you to be fat...it means they’re feeding you well”:](#) A qualitative investigation of body image and food choice decision-making among Junior High School students in urban Accra, Ghana. Oral Presentation by **Krystal Rampalli.** *ANH 2021.*

American Diabetes Association 2021 Meeting

Lauren Reid, Alice Ellyson, Faisal Malik, Beth Reboussin, Marco Geraci, **Anwar T. Merchant**, Santica Marcovina, Eva Lustigova, Jason Mendoza. [Food Insecurity and Glycemic Control Among Youth and Young Adults with Type 2 Diabetes.](#) *Oral Presentation at the 2021 American Diabetes Association Meeting.*

Hope D. Bercaw, Lauren A. Reid, Angela D. Liese, Edward A. Frongillo, Katherine A. Sauder, Jason A. Mendoza, Beth A. Reboussin, Elizabeth J. Mayer-Davis, Dana Dabelea, Santica M. Marcovina, Carla Mercado. [Food insecurity and dietary intake adequacy in youth and young adults with type 1 and type 2 diabetes.](#) *Poster Presentation at the 2021 American Diabetes Association Meeting.*

Angela Liese, Dana Dabelea, Lawrence Dolan, Leora Henkin, Elizabeth Jensen, Santica Marcovina, **Anwar Merchant**, Catherine Pihoker, Beth Reboussin, Amy Shah, Allison Shapiro, Greta Wilkening, Jason Mendoza. [Household Food Insecurity](#)

and Cognitive Function in Youth and Young Adults with Type 1 Diabetes. *Poster Presentation at the 2021 American Diabetes Association Meeting.*

A Danielle Brown, Anna Bellatorre, Lawrence Dolan, Elizabeth Jensen, Faisal Malik, Santica Marcovina, Jason Mendoz. Unmet social needs and depressive symptomatology among youth and young adults with type 1 diabetes. *Poster Presentation at the 2021 American Diabetes Association Meeting.*

**More information and updates on COVID-19
from UofSC >**

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