



NutriNews

Welcome back NutriNews subscribers! We hope you've enjoyed your summer. Please see updates below on all the nutrition-related activities that have occurred over the past few months and what's to come this Fall Semester.

Important Nutrition-Related Updates & Events at UofSC



The Nutrition Consortium is hiring for 2 open positions: A [Graduate Assistant](#) and a [Student Engagement Coordinator](#) (undergraduate). Please follow the links to the job descriptions and send applications to emkenney@email.sc.edu.

Recent UofSC Student Achievements

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

- **Hope Bercaw, MSPH**, graduated with an MSPH in Epidemiology this Spring 2022 and her thesis focused on diet. (Title: *Longitudinal relation of dietary quality and hemoglobin A1c in youth and young adults with diabetes*). She also received the Outstanding Epidemiology Masters Student departmental award. Hope worked with the SEARCH Food Security (SFS) Cohort Study team throughout her masters program, becoming an integral member over time. She has played a key role in analyzing and disseminating SFS data as well as helping with data collection tasks (i.e., recruiting participants, developing newsletters, assembling kits for remote data collection etc.), completing three first-authored manuscripts. Her level of professionalism and dedication is simply extraordinary.
- **Shiva Bhandari, PhD**, completed his doctoral degree in Health Promotion, Education, and Behavior. His dissertation focused on the Suaahara Homestead Food Production program in Nepal. He is assisting with the Drivers of Food Choice program and with the evaluation of the Suaahara program.
- **Harry Cintineo, PhD**, graduated from his doctoral program in Exercise Science and has accepted a position as an Assistant Professor at Lindenwood University. While at UofSC, he was instrumental in helping create and build the UofSC Sport Science Lab. He took an active role mentoring MS students and undergraduates and made significant contributions to the productivity of the lab. Harry took a lead role in assisting with funding and fostering connections with the US Special Forces Operations Command and the Department of Defense. In addition to receiving our Outstanding PhD Student award,

Harry's work has been recognized by the American Kinesiology Association which awarded him the Graduate Writing Award and the Graduate Scholar Award.

- **Kelli DuBois, PhD**, completed her PhD in Health Promotion, Education, and Behavior. Kelli served as an event supervisor with the Nutrition Consortium, providing leadership in event planning, student outreach, and mentoring. Kelli taught undergraduate courses in HPEB and worked as a graduate assistant for multiple health promotion research projects. She has accepted a position as Postdoctoral Fellow for the mLife study here at the UofSC under the direction of Dr. Brie Turner-McGrievy. In her current position, Kelli contributes to program design and implementation and provides leadership for ongoing weight loss and healthy eating interventions.
- **Selja Isanovic, MS**, finished her MS in Health Promotion, Education, and Behavior. Selja has been leading research for the Drivers of Food Choice program on food safety. She is continuing in HPEB as a doctoral student.
- **Krystal Rampalli, PhD**, completed her doctoral degree in Health Promotion, Education, and Behavior, and is currently working as a technical consultant for Nutrition International (NI) and as a research associate with Drivers of Food Choice Program at UofSC. Krystal's role with NI and the Unit of Multisectoral Action in Food Systems, Department of Nutrition and Food Safety, with the World Health Organization's collaboration explores the potential of using digital technologies to strengthen food fortification interventions for improved nutrition outcomes. Krystal's current work supports NI with the overall coordination with the selected organizations/agencies participating in this consultation, and leads technical content development. Krystal played a lead role in the DFC program as a doctoral

student and is leading the completion of multiple papers and ongoing research in food choice and food environments.

Recent UofSC Faculty Achievements



The image shows a certificate from the American Society for Nutrition (ASN) for the 'LIFETIME ACHIEVEMENTS IN GLOBAL NUTRITION RESEARCH AWARD'. The certificate is for Edward Frongillo, Jr., PhD, from the University of South Carolina. It is supported by donors of the Jean-Pierre Habicht Lifetime Achievement in Global Nutrition Research Award Fund. The certificate is part of the 'NUTRITION LIVE ONLINE 2022' event, which took place from June 14-16, 2022. The event is associated with the hashtag #NutritionLiveOnline and the slogan 'Where the Best in Science & Health Meet'. The American Society for Nutrition Foundation logo is also present at the bottom of the certificate.

**LIFETIME ACHIEVEMENTS IN
GLOBAL NUTRITION RESEARCH AWARD**

*Supported by donors of the Jean-Pierre Habicht Lifetime Achievement
in Global Nutrition Research Award Fund*

Edward Frongillo, Jr., PhD
University of South Carolina

ASN American Society for Nutrition
Excellence in Nutrition Research and Practice
www.asn.org

NUTRITION LIVE ONLINE 2022

ASNF AMERICAN SOCIETY FOR
NUTRITION FOUNDATION
BUILDING OPPORTUNITIES IN NUTRITION

#NutritionLiveOnline Where the Best in Science & Health Meet June 14-16, 2022

Congratulations Dr. Edward Frongillo for receiving the Lifetime Achievement in Global Nutrition Research Award. Well deserved!

Important Nutrition-Related Updates & Events from Professional Organizations

The Food & Nutrition Conference & Expo will take place **October 8-11, 2022**, in Orlando, FL. This year's event features dynamic educational opportunities and attendees will learn about products and services from exhibiting



companies showcasing the latest and greatest trends in food, nutrition and health. See more information below.

[More Information](#)



The 22nd International Congress of Nutrition (ICN) will be held in Tokyo, Japan, **December 6-11, 2022**. ICN is a meeting of the International Union of Nutritional Sciences (IUNS) that takes place every four years. The congress will be an ideal opportunity for participants to reaffirm or rediscover their mission to help realize good health and happiness for future generations. Follow the link below for more information.

[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

Bhandari S, Frongillo EA, Suwal R, Schreinemachers P, Gupta AS, Blake CE, Tiwari NP, Cunningham K. Sustaining agriculture and nutrition interventions: Continued engagement of village model farmers in Nepal. *Food and Nutrition Bulletin* 2022. [https://doi.org/ 10.1177/03795721221106588](https://doi.org/10.1177/03795721221106588)

Brown AD, Seligman H, Sliwa S, Barnidge E, Krupsky KL, Demissie Z, **Liese AD.** Food Insecurity and Suicidal Behaviors Among US High School Students. *J Sch Health.* 2022;10.1111/josh.13199. doi:10.1111/josh.13199

Chen L, Ming J, Chen T, **Hebert JR, et al.** Association between dietary inflammatory index score and muscle mass and strength in older adults: a study from National Health and Nutrition Examination Survey (NHANES) 1999–2002. *Eur J Nutr* (2022). <https://doi.org/10.1007/s00394-022-02941-9>

Chwyl C, Wright N, **Turner-McGrievy GM,** Butryn ML, Forman EM. Remotely Delivered Behavioral Weight Loss Intervention Using an Ad Libitum Plant-Based Diet: Pilot Acceptability, Feasibility, and Preliminary Results. *JMIR Form Res* 2022;6(6):e37414. doi: 10.2196/37414

Cintineo HP, Bello ML, Chandler AJ, Cardaci TD, McFadden BA, Arent SM. (2022). Effects of caffeine, methylxanthine, and theacrine on vigilance, marksmanship, and hemodynamic responses in tactical personnel: a double-blind, randomized, placebo-controlled trial. *Journal of the International Society of Sports Nutrition*, 19:1, 543-564, doi: 10.1080/15502783.2022.2113339

Dehghan P, Nejati M, Vahid F, Almasi-Hashiani A, Saleh-Ghadimi S, Parsi R, Jafari-Vayghan H, Shivappa N, **Hebert JR**. The association between dietary inflammatory index, dietary antioxidant index, and mental health in adolescent girls: an analytical study. *BMC Public Health* **22**, 1513 (2022). <https://doi.org/10.1186/s12889-022-13879-2>

Frongillo EA, Fram MS, Ghattas H, et al. Development, Validity, and Cross-Context Equivalence of the Child Food Insecurity Experiences Scale for Assessing Food Insecurity of School-Age Children and Adolescents. *J Nutr*. 2022;nxac127. doi:10.1093/jn/nxac127

Lécuyer L, Laouali N, Dossus L, Shivappa N, **Hebert JR**, et. al. Inflammatory potential of the diet and association with risk of differentiated thyroid cancer in the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort. *Eur J Nutr* (2022). <https://doi.org/10.1007/s00394-022-02897-w>

Lelijveld N, Benedict RK, Wrottesley SV, Bhutta ZA, Borghi E, Cole TJ, Croft T, **Frongillo EA**, Hayashi C, Namaste S, Sharma D, Tumilowicz A, Wells JC, Ezzati M, Patton GC, Mates E. Towards standardised and valid anthropometric indicators of nutritional status in middle childhood and adolescence. *Lancet Child & Adolescent Health*, 2022. [https://doi.org/10.1016/S2352-4642\(22\)00196-1](https://doi.org/10.1016/S2352-4642(22)00196-1)

McRell AS, **Fram MS, Frongillo EA**. Adolescent-reported household food insecurity and adolescents' poor mental and physical health and food insufficiency in Kenya. *Current Developments in Nutrition*, 2022; nzac117, <https://doi.org/10.1093/cdn/nzac117>

Millar CL, Dufour AB, **Hebert JR**, et. al. Association of pro-inflammatory diet with frailty onset among adults with and without depressive symptoms: results from the Framingham Offspring Study. *The Journals of Gerontology: Series A*, 2022; glac140, <https://doi.org/10.1093/gerona/glac140>

Reid LA, Mendoza JA, **Merchant AT, Liese AD**, et al. Household food insecurity is associated with diabetic ketoacidosis but not severe hypoglycemia or glycemic control in youth and young adults with youth-onset type 2 diabetes. *Pediatr Diabetes*. 2022; 1- 9. doi:10.1111/pedi.13386

Reid LA, Zheng S, Mendoza JA, **Liese AD**, et al. Household Food Insecurity and Fear of Hypoglycemia in Adolescents and Young Adults With Diabetes and Parents of Youth With Diabetes. *Diabetes Care*. 2022;dc211807. doi:10.2337/dc21-1807

Reynolds C, Moore S, Denton P, Jones R, Collins CA, Droulers C, Oakden L, Hegarty R, Snell J, Chalmers H, Sieff A, **Rampalli K**, Dong H, **Blake C**, Yates J,

Lopes Filho M, Deeney M, **Samin S**, Kadiyala S, Sarkar S. (2022). A rapid evidence assessment of UK citizen and industry understandings of sustainability - Why our understanding of sustainable food is important when making food choices. *Food Standards Agency*. (10.46756/sci.fsa.ihr753).

Suhett LG, Juvanhol LL, Silva MA, Ribeiro SAV, Hermsdorff HHM, Shivappa N, **Hebert JR**, de Novaes JF. Interaction effect between breakfast skipping and sedentary behavior in the dietary inflammatory potential in Brazilian schoolchildren: C-DII, breakfast skipping, and sedentary behavior. *Nutrition*. 2022; 111749.

Thiria E, Pellegrini C, Kase BE, DeVivo K, **Steck SE**. (2022) Health behavior and anxiety changes during the COVID-19 pandemic among students, faculty, and staff at a US university. *Journal of American College Health*, doi: 10.1080/07448481.2022.2104615

Turner-McGrievy GM, Wirth MD, Bernhart JA, Aydin H. The Fasting and Shifted Timing (FAST) of Eating Study: A pilot feasibility randomized crossover intervention assessing the acceptability of three different fasting diet approaches. *Appetite*. 2022, 106135.

Wende ME, Meyer MRU, Abildso CG, Davis K, **Kaczynski AT**. Urban-rural disparities in childhood obesogenic environments in the United States: Application of differing rural definitions. *J Rural Health*. 2022;10.1111/jrh.12677.
doi:10.1111/jrh.12677

Woolford S, D'Angelo S, Mancano G, Curtis EM, Ashai S, Shivappa N, **Hébert J**, Crozier SR, Phillips C, Suderman M, Relton C, Cooper C, Harvey NC. Associations between late pregnancy Dietary Inflammatory Index (DII) and offspring bone mass: a meta-analysis of the Southampton Women's Survey (SWS) and the Avon Longitudinal Study of Parents and Children (ALSPAC). *J Bone Miner Res*. 2022. <https://doi.org/10.1002/jbmr.4623>

Wrottesley SV, Shivappa N, Prioreshi A, **Hebert JR**, *et al*. Anti-inflammatory diets reduce the risk of excessive gestational weight gain in urban South Africans from the Soweto First 1000-Day Study (S1000). *Eur J Nutr* (2022).
<https://doi.org/10.1007/s00394-022-02931-x>

Zheng J, **Zhao L**, Dong J, Chen H, Li D, Zhang X, Hassan MM, **Steck SE**, Li X, Xiang Y-B, Wang H. The role of dietary factors in nonalcoholic fatty liver disease to hepatocellular carcinoma progression: A systematic review. *Clinical Nutrition*. 2022.
<https://doi.org/10.1016/j.clnu.2022.08.018>

Recent Affiliate Nutrition-

Related Conference Presentations

American Society for Nutrition - Nutrition 2022 Live Online

Alexandra Pepetone, **Edward Frongillo**, Michael Wallace, David Hammond, Sharon Kirkpatrick. [Household Food Insecurity in Middle- and High-Income Countries Before and During the COVID-19 Pandemic](#). *Current Developments in Nutrition*, Volume 6, Issue Supplement_1, June 2022, Page 155, <https://doi.org/10.1093/cdn/nzac051.071>

Bezawit Eyob Kase, **Angela Liese**, Jiajia Zhang, E Angela Murphy, **Longgang Zhao**, **Susan Steck**. [The Development and Evaluation of a Literature-Based Dietary Index for Gut Microbiota](#). *Current Developments in Nutrition*, Volume 6, Issue Supplement_1, June 2022, Page 371, <https://doi.org/10.1093/cdn/nzac054.026>

Bezawit Eyob Kase, **Leila Larson**, **Edward Frongillo**, Wendy Gonzalez, Irowa Erhabor, Eric Djimeu. [Effectiveness of the Eggs Make Kids Demand-Creation Campaign to Improve Household Availability of Eggs and Egg Consumption in Young Children in Nigeria](#). *Current Developments in Nutrition*, Volume 6, Issue Supplement_1, June 2022, Page 669, <https://doi.org/10.1093/cdn/nzac061.053>

Brittany Crawford, Dale Sandler, **Anwar Merchant**, **Susan Steck**, Yong-Moon Park, [Dietary Patterns, Socioeconomic Status, and Risk of Type 2 Diabetes in the Sister Study](#). *Current Developments in Nutrition*, Volume 6, Issue Supplement_1, June 2022, Page 7, <https://doi.org/10.1093/cdn/nzac047.007>.

Brittany Crawford, Dale Sandler, Hazel Nichols, Ginger Milne, **Susan Steck**, Yong-Moon Park. [Association Between Healthy Dietary Patterns and Markers of Oxidative Stress](#). *Current Developments in Nutrition*, Volume 6, Issue Supplement_1, June 2022, Page 355, <https://doi.org/10.1093/cdn/nzac054.010>

Elizabeth Adams, Melanie Bean, Roddrick Dugger, Tegwyn Brickhouse. [Patterns of Food Security and Dietary Intake Among Children Across the U.S. Child Tax Credit Expansion](#). *Current Developments in Nutrition*, Volume 6, Issue Supplement_1, June 2022, Page 188, <https://doi.org/10.1093/cdn/nzac048.002>

Hilary Bethancourt, **Edward Frongillo**, Sara Viviani, Carlo Cafiero, Sera Young. [Household Water Insecurity Is Positively Associated With Household Food Insecurity in Low- and Middle-Income Countries](#). *Current Developments in Nutrition*, Volume 6, Issue Supplement_1, June 2022, Page 549, <https://doi.org/10.1093/cdn/nzac060.007>

Hope Bercaw, Andrea Brown, Beth Reboussin, Jason Mendoza, **Edward**

Frongillo, Katherine Sauder, Anna Bellatorre, Amy Shah, Tiffany Luong, Santica Marcovina, **Angela Liese**. [Health-Related Social Needs and Diet Quality in Youth and Young Adults with Youth-Onset Type 1 Diabetes: Cross-Sectional Findings From the SEARCH Food Security Cohort Study](#). *Current Developments in Nutrition*, Volume 6, Issue Supplement_1, June 2022, Page 885, <https://doi.org/10.1093/cdn/nzac067.005>

Sejla Isanovic, Edward Frongillo, Shilpa Constantinides, Shiva Bhandari, Samin Sharraf, Emma Kenney, Christine Blake. [Perspectives about Food Safety in Diverse Low- and Middle-income Countries](#). *Current Developments in Nutrition*, Volume 6, Issue Supplement_1, June 2022, Page 488, <https://doi.org/10.1093/cdn/nzac059.016>

Shiny Drew, **Christine Blake**, Eva Monterrosa, **Krystal Rampalli**, Abdullah Nurus Salam Khan, **Ligia Reyes**, Salome Bukachi, Mariah Ngutu, **Edward Frongillo**, Elyse Iruhiriye, Amy Girard, Paula Dominguez-Salas. [How Schwartz' Basic Human Values Influence Food Choices in Kenya and Tanzania](#). *Current Developments in Nutrition*, Volume 6, Issue Supplement_1, June 2022, Page 479, <https://doi.org/10.1093/cdn/nzac059.007>

7th Annual Agriculture, Nutrition and Health (ANH) Academy Week

[“Food choice decision-making in the context of changing livelihoods in low- and middle-income countries”](#) By **Krystal Rampalli, Sharraf Samin, Emma Kenney, Shiva Bhandari, Ligia I. Reyes, Abdullah N.S. Khan, Edward A. Frongillo, Christine E. Blake**. ANH Academy Week 2022. (*Poster prize winner*).

American Association for Cancer Research 2022 Meeting

Longgang Zhao, Lina Jin, Jessica L. Petrick, Fenglei Wang, Tang Li, Hongmei Zeng, Stephanie A. Smith-Warner, A. Heather Eliassen, Fang Fang Zhang, Peter T. Campbell, Edward Giovannucci, Linda M. Liao, **Susan E. Steck**, Katherine A. McGlynn, Xuehong Zhang; Abstract 730: [Fruit and vegetable consumption and risk of liver cancer and liver disease mortality: A prospective cohort study](#). *Cancer Res* 15 June 2022; 82 (12_Supplement): 730. <https://doi.org/10.1158/1538-7445.AM2022-730>

American Diabetes Association 2022 Meeting

Andrea D. Brown, Jason A. Mendoza, **Edward A. Frongillo**, Kate Flory, Beth A. Reboussin, Elizabeth T. Jensen, Lawrence M. Dolan, Anna Bellatorre, Faisal Malik, Santica M. Marcovina, Catherine Pihoker, **Angela D. Liese**; 570-P: [Household Food Insecurity, Stress, and Anxiety among Youth and Young Adults with Diabetes](#). *Diabetes* 1 June 2022; 71 (Supplement_1): 570–P. <https://doi.org/10.2337/db22-570-P>

Katherine A. Sauder, Deborah H. Glueck, Kylie K. Harrall, Ralph Dagostino, Lawrence M. Dolan, **Abbi Lane-Cordova**, **Angela D. Liese**, Eva Lustigova, Faisal Malik, Santica M. Marcovina, Elizabeth J. Mayer-Davis, Amy K. Mottl, Catherine Pihoker, Kristi Reynolds, Amy S. Shah, Elaine M. Urbina, Lynne E. Wagenknecht, Stephen R. Daniels, Dana Dabelea; 1085-P: [Exploring Racial And Ethnic Disparities In Arterial Stiffness In Type 1 Diabetes](#). *Diabetes* 1 June 2022; 71 (Supplement_1): 1085–P. <https://doi.org/10.2337/Db22-1085-P>

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

Share your Successes!

Help us showcase the remarkable nutrition research, teaching, and service being done at the University of South Carolina. Tell us about your latest nutrition related publications, presentations, awards, grants, and all other recognitions or accomplishments to be featured on our website and future NutriNews.

Email emkenney@email.sc.edu to be featured.

Follow us on Social Media:

We've recently updated our [Nutrition Consortium website](#). Take a look and tell us what you think!



[view this email in your browser](#)

Copyright © 2019 | UofSC Nutrition Consortium | All rights reserved.

**Please send all news and announcements to
emkenney@email.sc.edu
to be featured in our monthly newsletter.**

This email was sent to emkenney@email.sc.edu
[why did I get this?](#) [unsubscribe from this list](#) [update subscription preferences](#)
SC Nutrion Consortium · 915 Greene Street Discovery I Building · Columbia, SC 29208-0001 · USA

