

McIntosh accomplishments and others:

Accomplishments:

In 2020, in collaboration with University of Maryland Extension team, I have been awarded a USDA AFRI grant (“Effects of an Integrated System Approach on Hypertension Management in Community Dwelling Older Adults”). This 3-year project will be started in Jan 2021 to develop, implement and evaluate a nutrition intervention to help hypertensive older adults control their blood pressure. Part of this project addresses the issue of food system sustainability by incorporating food waste reduction component. In addition, I have continued to be involved in a school wellness project as a co-investigator to examine the effect of school wellness. Also, as a site-PI, I’ve signed the MOU with Maryland Department of Education to develop an online training program for child and adult care food program. I also got two grants, USDA AFRI Diet, Nutrition and Prevention of Chronic Disease Title: Effects of an Integrated System Approach on Hypertension Management in Community Dwelling Older Adults. Role: PI (01/01/2021 – 12/31/2023) and USDA /FNS / Maryland Department of Education Title: CACFP Meal Service Training Grant PI (10/01/2020 – 09/30/2021)

Christine Coker, working on Goal 1 has served as a Pathfinder for the Agriculture, Food and Natural Resources Pathway at Pathways 2 Possibilities. This involved 8,000 8<sup>th</sup> graders from 10 counties; in the program included hundreds of at-risk youth aged 18-24. She also serves on the Advisory Boards of the MS Farm to School Network as well as Loaves and Fishes, Inc.

McIntosh was part of the Texas A&M University and Texas A&M AgriLife Extension program Texas Grow Eat Go, which has continues to see more counties. The Extension of District 12’s 17 of its 20 counties have placed this in elementary schools. More recently I have joined a CDC project titled “Working Wellness Environments” in 2020 a survey to study Health Policy. My place on the project as a methodologist.

Impacts: The TGEG there led to others wanting to know about more about health regarding citrus, nuts, and other foods.

Katare is working with a new work of foodbanks in Alabama, Florida, and Mississippi to understand the impact of SNAP. HJ Song has worked with the University Extension team was awarded as USDA AFRI grant “Effects of an Integrated System Approach on Hypertension Management in Community Dwelling Older Adults.” This will develop, implement, and evaluate a nutrition to help with hypertensive; another part deals with adding to the sustainability of food via waste food reduction. She has also continued examining the effect of school wellness. She also received a grant with USDA/FNS titled CACFP Meal Training Grant.

Melisa Prescott advised a group of Champaign Unit 4 parents on developing a wellness policy amendment to increase the amount of seated time during school meals in January 2020, and presented findings from my research to the Champaign Unit 4 School Board meeting in March 2020. I have also organized a Share Table Advisory Committee made up of federal, state, and local health inspectors, University of Illinois faculty and Extension staff, and state and local school nutrition staff. The purpose of

this committee is to inform research and Extension efforts around eliminating the inconsistencies in local health codes around share tables in Illinois and beyond. The committee meets quarterly.

#### Publications:

Bagnell, Dianna, Wm. Alex McIntosh, M. L. Cristin Morgan, Richard T. Woodward, Marissa Cisneros, Michael Black, Erin M. Kiella, and Srinivasulu. 2020. "Farmers' Insights on Soil Health Indicators and Adoption." *Agrosystems, Geoscience, and Environment*. oi:10:1002/agg2.20066

Coker, Christine. 2020. "Current Uses, Successes, and Pitfalls among Specialty Crop Growers Using High tunnels in Mississippi." *Horticultural Science* 55(9):pp. S315-316.

Habibi M, Henley S, Jeffrey J, **Song HJ**, McCoy L. et al. Identifying key factors affecting nutritional risk assessed by dietary screening tool among adults 50 years and older: A need assessment. (2020). *The National Extension Association of Family and Consumer Sciences*. Sept 14-17, 2020, Snowbird, Utah, USA.

Knight B, Hager E, Deitch R, **Song HJ**, Wang Y. Examining the association between student perception of their cafeteria environment and where they get their lunch. APHA. Oct 24-28, 2020, San Francisco, USA

Jackey, B., Jewell, E., Song, H. J., Habibi, M., Wang, C., Basinger, K., Dixon Cravens, J., Henley, S., Jeffrey, J., McCoy, L., Patel, D. & Serio, T. (2020). Examining predictors for diet quality: A needs assessment of rural versus urban older adults. *Journal of Nutrition Education and Behavior*, San Diego, CA (held virtually), 52(7S), S72-S73. <https://doi.org/10.1016/j.jneb.2020.04.166>.

Metcalfe JJ, Ellison B, Hamdi N, Richardson R, Prescott MP. 2020. "A systematic review of school meal nudge interventions to improve youth food behaviors." *International Journal of Behavioral Nutrition and Physical Activity*, 2020, 17(1), 1-19.

Hamdi N, Ellison B, McCaffrey J, Metcalfe JJ, Hoffman A, Haywood P, Prescott MP. Implementation of a Multi-Component School Lunch Nudge Intervention to Improve Child Vegetable Intake and Reduce Food Waste: A Mixed-Methods Study. *International Journal of Environmental Research and Public Health*, 2020, 17(11), 3971.

Stephenson, R.C., Coker, C.E., Posadas, B.C., Bachman, G.R., Harkness, R.L., Knight, P.R. 2020. "Economic Effect of Insect Management Strategies on Small-Scale Tomato Production in Mississippi. *Horticulture Technology* 30(1), pp. 64-75.

Berg, Alexander van den, Judith L. Warren, Alex McIntosh, Deanna Hoelscher, and Marcia Ory. 2020. "Impact of a Garden and Physical Activity Intervention in Title 1: The TEGG Study." *Childhood Obesity* 16 Supplement 1: S-44 – S-54.

Michael Miller 2020. "The Histories We Tell About Food: Understanding Narratives of Food Environment and Coping with Loss of Food." Pd.D. Dissertation, Kansas State University.

Katare, B. and Savaiano, D. 2020. Perceived Neighborhoods Environment and Overweight and Obesity among Supplement Nutrition Assistant Program-Education (SNAP-Ed) Participants in the Midwest. Public Health Nutrition pp. 1-9.

Katare, Bhagyashree, Wang, H.H., Lawing, Hao, N., Park, T. and Wetzstein, M. 2020. Toward Optional Meat Consumption. American Journal of Agricultural Economics 10(2):662-680. Jackey, B., Jewell, E., Song, H. J., Habibi, M., Wang, C., Basinger, K., Dixon Cravens, J., Henley, S., Jeffrey, J., McCoy, L., Patel, D. & Serio, T. (2020). Examining predictors for diet quality: A needs assessment of rural versus urban older adults. Journal of Nutrition Education and Behavior, San Diego, CA (held virtually), 52(7S), S72-S73. <https://doi.org/10.1016/j.jneb.2020.04.166>.