**2018-2019 PUBLICATIONS AND PRODUCTS FOR NE1439 PROJECT**

**25 Journal articles published (4 Joint publications for multistate team indicated with ‘\*’)**

1. \*Drazba M, Holásková I, Sahyoun N and Marra MV. Association of Adiposity and Diet Quality with Serum Ceramides in Middle-aged Adults with Risk Factors for Cardiovascular Disease. J. Clin. Med. 2019, 8(4), 527.
2. \*MacNab, L., Francis, S.L., Lofgren, I., Violette, C., Shelley, M.C., Delmonico, M., & Xu, F. Factors influencing dietary intake frequencies and nutritional risk among community-residing older adults. Journal of Nutrition in Gerontology and Geriatrics, 1-14. https://doi.org/10.1080/21551197.2018.1524809
3. \*Marra MV, Drazba M\*, Holásková I, and Belden WJ. Nutrition Risk is Associated with Leukocyte Telomere in a Middle-aged Appalachian Population. Nutrients. 2019;11(3):508.
4. \*Ventura Marra M, Drazba MA, Holaskova I, Belden WJ. Nutrition Risk is Associated with Leukocyte Telomere Length in Middle-Aged Men and Women with at Least One Risk Factor for Cardiovascular Disease. Nutrients. 2019;11(3).
5. Angelotti A, Cole RM, Raatz SK, Belury MA. Evaluation of a Rapid Assessment Questionnaire Using a Biomarker for Dietary Intake of n-3 Fatty Acids. Lipids 2019; 54: 321-8 3.
6. Bahl, M., Yap, L., Francis, S.L., Montgomery, D., & Lillehoj, C. SNAP-Ed Program for Older Adults: Facilitators’ Perspectives. Journal of Nutrition Education and Behavior. 51(4), 486-491. <https://doi.org/10.1016/j.jneb.2018.10.012>
7. Banh T,Snoke D, Cole RM, Angelotti A, Schnell PM, Belury MA. Higher tumor mass and lower adipose mass are associated with colon-26 adenocarcinoma-induced cachexia in male, female and ovariectomized mice. Oncol Reports 2018; 41: 2909-18.
8. Belury MA, Cole RM, Snoke DB, Banh T, Angelotti A. Linoleic acid, glycemic control and type 2 diabetes. Prostaglandin Leuko Ess Fatty Acids 2018; 132: 30-3
9. Belury MA, Harris, WS. Omega-6 fatty acids, inflammation and cardiometabolic health – Overview of supplementary issue. Prostaglandin Leuko Ess Fatty Acids 2018; 139, 1-2
10. Kiecolt-Glaser JK, Wilson SJ, Bailey ML, Andridge R, Peng J, Jaremka LM, Fagundes CP, Malarkey WB, Laskowski B, Belury MA. Marital Distress, Depression, and a Leaky Gut: Translocation of Bacterial Endotoxin as a Pathway to Inflammation. Psychoneuroendocrinology 2018; 98:52-60.
11. Ngai C, Ganguzza L, Flink L, et al. Comparison of dietary patterns, perceptions of health, and perceived barriers to a heart healthy diet before and after coronary artery angiography. Am J Cardiol. 2019;123(6):865-872.
12. Nikonorova IA, Zhu Q, Signore CC, et al. Age modulates liver responses to asparaginase-induced amino acid stress in mice. J Biol Chem. 2019.
13. Orchard TS, Gaudier-Diaz MM, Phuwamongkolwiwat-Chu P, Andridge R, Lustberg MB, Bomser J, Cole RM, Belury MA, DeVries AC. Omega-3 enriched diet has region-specific effects on neuroinflammation and proteins important in synaptic function in a mouse model of doxorubicin-based chemotherapy. Nutrients 2018;10:doi: 10.3390/nu10122004.
14. Park J, Belden WJ. Long non-coding RNAs have age-dependent diurnal expression that coincides with age-related changes in genome-wide facultative heterochromatin. BMC Genomics. 2018;19(1):777.
15. Raatz SK, Conrad Z, Jahns L, Belury MA, Picklo MJ. Modeled replacement of traditional soybean and canola oil with high oleic varieties increases MUFA and reduces both SFA and PUFA intake in the US adult population. Am J Clin Nutr 2018; 108(3):594-602
16. Sevick MA, Woolf K, Mattoo A, et al. The Healthy Hearts and Kidneys (HHK) Study: Design of a 2 X 2 RCT of technology-supported self-monitoring and social cognitive theory-based counseling to engage overweight people with diabetes and chronic kidney disease in multiple lifestyle changes. Contemp Clin Trials. 2018;64:265-273.
17. Shah B, Newman JD, Woolf K, et al. Anti-inflammatory effects of a vegan diet versus the American Heart Association-recommended diet in coronary artery disease (EVADE CAD) trial. J Am Heart Assoc. 2018;7(23):e011367. doi: 10.1161/JAHA.118.011367.
18. Wang B, Sahyoun NR, Shao, K, Dutta E, Clarke J. Assessment of the Dose-Response Relationship between Folate Exposure and Cognitive Impairment: Synthesizing Data from Documented Studies. Risk Analysis, 2019. DOI: 10.1111/risa.13404
19. Woolf K, Heller JE, Paulsen BK, Bourneuf V, Pfaffenberger T, Verason T. Impact of the LIFESTEPS® Weight Management Program on measures of adiposity, self-efficacy, and lifestyle behaviors. Top Clin Nutr. 2018;33(3):205-218.
20. Xu F, Cohen SA, Lofgren IE, Greene GW, Delmonico MJ, Greaney ML. The association between physical activity and metabolic syndrome in older adults with obesity. Journal of Frailty and Aging, 2019; 8(1): 27-32. doi: 10.14283/jfa.2018.34 2.
21. Xu F, Cohen SA, Lofgren IE, Greene GW, Delmonico MJ, Greaney ML. Relationship between diet quality, physical activity and health-related quality of life in older adults: findings from 2007-2014 National Health and Nutrition Examination Survey. Journal of Nutrition, Health and Aging, 2018; 22(9): 1072-1079. doi: 10.1007/s12603-018-1050-4
22. Yap, L., Francis, S.L., Shelley, M.C., Montgomery, D., Lillehoj, C.J. Food Safety Practice Gaps for Older Adults. Journal of Extension. (online), Article RB11. Available at: <https://joe.org/joe/2019february/rb11.php>
23. Zhang L, Zhu JH, Zhang X, Cheng WH. The Thioredoxin-Like Family of Selenoproteins: Implications in Aging and Age-Related Degeneration. Biol Trace Elem Res. 2019;188(1):189-195.
24. Zhang X, Liu RP, Cheng WH, Zhu JH. Prioritized brain selenium retention and selenoprotein expression: Nutritional insights into Parkinson's disease. Mech Ageing Dev. 2019;180:89-96.
25. Zhu Q, Ramakrishnan M, Park J, Belden WJ. Histone H3 lysine 4 methyltransferase is required for facultative heterochromatin at specific loci. BMC Genomics. 2019;20(1):350.

**28 Presentations (oral and poster)**

1. “Lifestyle Behaviors and Chronic Disease: A Research Update on Diet, Physical Activity, and Sleep.” 4th International Congress on Clinical Nutrition. Popular Autonomous University of the State of Puebla. October 2018.
2. Belury, MA Invited speaker, Dietary fats that target mitochondria: Implications for cardiometabolic health, Program of Human Nutrition, The Ohio State University, Sept 28 2018
3. Belury, MA Invited speaker, Dietary fats, mitochondrial function and muscle health: Predicting risk. National Cancer Institute-National Institutes of Health Conference: Changing Hearts and Minds: Improving Outcomes of Cancer Related Cardiotoxicity, Bethesda MD, June 25 2018
4. Belury, MA Invited speaker, Linoleic acid (LA) in Cardiometabolic Health. Center for Applied Plant Sciences, College of Food, Agriculture and Environmental Sciences, April 12 2019
5. Belury, MA Invited speaker, Targeted Lipidomics of Muscle Mitochondria: Identifying Fatty Acid metabolites that impact Metabolism. Institute for Behavioral Medicine Research, The Ohio State University, February 28 2018
6. Belury, MA Invited speaker, Using targeted lipidomics to identifying fatty acid metabolites that improve insulin sensitivity. Diabetes Metabolic Research Center, Wexner College of Medicine, The Ohio State University, July 25 2018
7. Belury, MA, Cole, RM, Andridge, R, Xie, Q, Keiter, A, Janice Kiecolt-Glaser, J. Erythrocyte long chain omega 3 fatty acids are associated with higher lean mass in postmenopausal women newly diagnosed with breast cancer. Nutrition 2019; # 621266
8. Burris, J. & Woolf, K. “Medical Nutrition Therapy for Patients with Psoriasis. Diet and Dermatology: What is the Role for MNT?” Food and Nutrition Conference and Expo. October 2018.
9. Buys, D.R., Kennedy, R.E., Williams, C.P., Brown, C., Fan, L., Locher, J.L. (2018, November). Nutritional Risk Predicts Life-Space Mobility Declines Among Older Adults: Results From the UAB Study of Aging. Gerontological Society of America Annual Meeting, Gerontological Society of America, Boston, MA.
10. Cheng WH. Selenium and selenoproteins in DNA damage response and aging. Oral presentation at: The 13th Biennial Conference of the International Society for Trace Element Research in Human; September, 2019; Bali, Indonesia
11. Cheng WH. Seminar presented: "Beneficial and Paradoxical Roles of Selenium in Aging" at the Florida A & M University; November 15, 2018; Tallahassee, FL. Posters: Cao L, Lee S, Cheng WH.
12. Choi M, Son C, Kiely M, Yazici Y, Woolf K. Dietary oxidative balance score and disease characteristics in patients with rheumatoid arthritis. Curr Dev Nutr. 2019;3(Supp 1):nzz028.P01-036-19. Annual Meeting of the American Society for Nutrition
13. Coleman WP, Hu L, Wang C, Li H, Rosado M, Popp CJ, Woolf K, Goldfarb DS, Katz SD, Williams SK, Sevick MA. Self-efficacy and adherence to dietary self-monitoring in overweight people with type 2 diabetes and chronic kidney disease. Ann Behav Med. 2019; 53(1S):s590. doi:10.1093/abm/kaz007.
14. Dobizaewski S, Lobuono DL, Hurley L, Mahler L, Xu F, Delmonico MJ, Lofgren IE. (2019, June). Assessing Cardiovascular Disease Risk Factors in Parkinson’s Disease by Treatment: Levodopa Alone versus Deep Brain Stimulation with Levodopa. Poster session at Nutrition 2019 in Baltimore, MD.
15. Donnelly M, Woolf K. Nighttime eating is associated with poor diet quality in adult females. Curr Dev Nutr. 2019;3(Supp 1):nzz041.P21-055-19, 2019.. Annual Meeting of the American Society for Nutrition
16. Johnson-Largent, T., Monroe-Lord, L., Harrison, E. (2019). Recipes that Promoted Healthy Consumption of Fruits and Vegetables in a Food Desert Neighborhood in the District of Columbia Ward 8 served by a Mobile Farmers’ Market, presented at Society for Nutrition Education and Behavior, [www.sneb.org](http://www.sneb.org).
17. Molfenter SM, Woolf K. Sarcopenia in healthy older adults: relationships between tongue pressures and measures of body composition, physical function, and strength. Presented at the Japan Society of Dysphagia Rehabilitation, September 2019.
18. Molfenter SM, Woolf K. The association between tongue pressures and anthropometric measures, physical function, and muscle strength. Presented at the 27th Annual Dysphagia Research Society Meeting, March 2019.
19. Moore A, Molfenter S, Woolf K. The association between sleep quality, body adiposity, and nutritional risk in community-dwelling older adults. Presented at the annual meeting of the Sports, Cardiovascular, and Wellness Nutritionists Dietetic Practice Group of the Academy of Nutrition and Dietetics, April 2019.
20. Moore A, Woolf K, St-Jules D, Popp CJ, Pompeii ML, Li H, Williams SK, Goldfarb DS, Katz S, Sevick MA. Plant protein intake is not associated with cardiovascular disease risk factors in diabetic patients with chronic kidney disease. Presented at the annual meeting of the American Society of Nutrition, June 2019.
21. Ngai C, Ganguzza L, Flink L, Acosta V, Woolf K, Gianos E, Slater J, Burdowski J, Shah B. Evaluation of dietary patterns and perceived barriers to a heart healthy diet before and after invasive coronary artery angiography. Presented at the annual meeting of the American Heart Association Scientific Sessions, November 2018.
22. Nyemchek B, Quigley L, Molfenter S, Woolf K. A cross-sectional evaluation of wellness in New York City community-dwelling seniors. Curr Dev Nutr. 2019;3(Supp 1):nzz028.P01-035-19. Annual Meeting of the American Society for Nutrition
23. Rudolph, C.S. & Francis, S.L. Meals on Wheels: Perspectives from Today’s Aging Adult. Innovation in Aging, Volume 2, Issue suppl\_1: Pages 983, doi: 10.1093/geroni/igy031.3637 Poster presentation accepted for the Gerontological Society of America Annual Conference, Boston, MA. November 2018
24. Schultz, S., Francis, S.L., Russell, C., & Getty, T. Congregate Meal Program—How can we make it more appealing? Curr Dev Nutr., June 13; 3(suppl 1); p15-014-19. doi:10.1093/cdn/nzz050. Poster presentation at the Nutrition 2019 Conference, Baltimore, MD. June 2019
25. Selenium status influences selenoprotein H interactions with other selenoproteins in the response to oxidative stress. Poster presented at: 2019 Experimental Biology; April 2019; Orlando, FL. Oral Presentations: Cheng WH.
26. Selenium status influences selenoprotein H interactions with other selenoproteins in the response to oxidative stress. Oral presentation at: American Society for Nutrition Annual Meeting; June, 2019; Baltimore, MD.
27. St-Jules DE, Goldfarb DS, Pompeii ML, Woolf K, Sevick MA. Comparison of 3 technology-supported behavioral interventions for phosphorous management. Presented at the annual meeting of the American Society of Nephrology, Kidney Week, October 2018.
28. Woolf K, Seixas AA, Moore A, Popp C, Coleman W, Li H, Williams SK, Goldfarb DS, Katz S, Sevick MA. The impact of daytime sleepiness on dietary intake in overweight/obese individuals with diabetes and chronic kidney disease. Presented at the annual meeting of the American Society of Nutrition, June 2019.

**10 Published Research Abstracts**

1. Choi M, Son C, Kiely M, Yazici Y, Woolf K. Dietary oxidative balance score and disease characteristics in patients with rheumatoid arthritis. Curr Dev Nutr. 2019;3(Supp 1):nzz028.P01-036-19.
2. Coleman WP, Hu L, Wang C, et al. Self-efficacy and adherence to dietary self-monitoring in overweight people with type 2 diabetes and chronic kidney disease. Ann Behav Med. 2019; 53(1S):s590. doi:10.1093/abm/kaz007.
3. Dobizaewski S, Lobuono DL, Hurley L, Mahler L, Xu F, Delmonico MJ, Lofgren IE. Assessing Cardiovascular Disease Risk Factors in Parkinson’s Disease by Treatment: Levodopa Alone versus Deep Brain Stimulation with Levodopa. Current Development in Nutrition. 2019; 3(S1). doi: 10.1093/cdn/nzz035.P12-047-19.
4. Donnelly M, Woolf K. Nighttime eating is associated with poor diet quality in adult females. Curr Dev Nutr. 2019;3(Supp 1):nzz041.P21-055-19, 2019..
5. Johnson-Largent, T., Monroe-Lord, L., Harrison, E. (2019). Recipes that Promoted Healthy Consumption of Fruits and Vegetables in a Food Desert Neighborhood in the District of Columbia Ward 8 served by a Mobile Farmers’ Market, presented at Society for Nutrition Education and Behavior, [www.sneb.org](http://www.sneb.org).
6. Moore A, Woolf K, StJules D, et al. Plant protein intake is not associated with cardiovascular disease risk factors in diabetic patients with chronic kidney disease. Presented at the annual meeting of the American Society of Nutrition, June 2019.
7. Nyemchek B, Quigley L, Molfenter S, Woolf K. A cross-sectional evaluation of wellness in New York City community-dwelling seniors. Curr Dev Nutr. 2019;3(Supp 1):nzz028.P01-035-19.
8. Rudolph, C.S. & Francis, S.L. Meals on Wheels: Perspectives from Today’s Aging Adult. Innovation in Aging, Volume 2, Issue suppl\_1: Pages 983, doi: 10.1093/geroni/igy031.3637 Poster presentation accepted for the Gerontological Society of America Annual Conference, Boston, MA. November 2018
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10. Woolf K, Seixas AA, Moore A, et al. The impact of daytime sleepiness on dietary intake in overweight/obese individuals with diabetes and chronic kidney disease. Presented at the annual meeting of the American Society of Nutrition, June 2019.

**4 Theses or Dissertations**

1. Drazba MA. Associations of Diet Quality and Body Mass Index with Serum Ceramides in Middle-aged Adults [master's thesis]. Morgantown, WV: West Virginia University, 2008.
2. Park, Jinhee. Circadian regulated changes in long non-coding RNA and heterochromatin. Retrieved from https://doi.org/doi:10.7282/t3-ce7y-sk60
3. Rudolph, Catherine Suzanne, "Mixed-methods assessment of a local Meals on Wheels program" (2019). Graduate Theses and Dissertations. 17089. https://lib.dr.iastate.edu/etd/17089
4. Taylor Banh Exploring the role of adipose and muscle atrophy in cachexia. Dissertation, Ohio State University Columbus, OH June 2018

**3 Extension Curriculum**

1. Francis, SL. “Brain Health” (In-person lessons) for use with Stay Independent Series and Health Homemade. (Dietetic Intern initial project).
2. Francis, SL. “Cooking for One or Two” (In-person lessons) for use with Iowa State University’s Stay Independent Series and Health Homemade program, Spring (student project).

**1 Cookbook**

Ganganna, P. (May 2019). Recipes to Remember Delicious Soul Food & Ethnic Foods with a Healthy Twist.