

10 Journal articles published (1 Joint publication for multistate team)

1. Al-Baghdadi, R.J.T., Nikonorova, I.A., Mirek, E.T., Wang, Y., Park, J., Belden, W.J., Wek, R.C. and Anthony, T.G. (2017) Role of activating transcription factor 4 in the hepatic response to amino acid depletion by asparaginase. *Scientific Reports* 7:1272, 1-12.
2. Belden, W.J. (2017) Circadian Plasticity of Chromatin States, In: *Chromatin Regulation and Dynamics*. pg 399-416. London: Academic Press.
<http://www.sciencedirect.com/science/article/pii/B9780128033951000162>
3. Buys DR, Campbell AD, Godfryd A, et al. Meals Enhancing Nutrition After Discharge: Findings from a Pilot Randomized Controlled Trial. *J Acad Nutr Diet*.117(4):599-608.
4. Jiang Q, Cohen NL, Marra MV, Woolf K, Gilbride J, Francis SL. Priorities for healthy eating in older adults in diverse communities. In press, *J Nutr Gerontol Geriatr*, 2017
5. Slezak SG, Mahoney KB, Renna EN, Lofgren IE, Xu F, Hatfield DL, Delmonico MJ. Comparison of current sarcopenia classification criteria in older new England women. *Journal of Aging Research and Clinical Practic*. 2017; 6:163-167. doi: 10.14283/jarcp.2017.21.
6. Sowle, A., Francis, S.L., Margrett, J., Shelley, M.C. & Franke, W. A community-based exergaming physical activity program improves readiness-to-change and self-efficacy among rural-residing older adults. *Journal of Aging and Physical Activity*, 25(3); 432-437 doi: 10.1123/japa.2015-0278.
7. Thomas L, Kiely M, Yazici Y, Woolf K. Diet quality of individuals with rheumatoid arthritis using the Healthy Eating Index (HEI)-2010. *Nutr Health*. 2017; 23(1):17-24.
8. Woolf K, Bushman B, Gabriel K, Carter S. Promoting healthy lifestyles during the menopausal transition: benefits of physical activity and nutrition. *ACSM's Health Fit J*. 2016; 20(1):20-28.
9. Xu F, Delmonico MJ, Lofgren IE, Uy KM, Maris SA, Quintanilla D, Taetzsch A, Letendre J, Mahler L. Effect of a combined Tai Chi, resistance training and dietary intervention on cognitive function in obese older women. *Journal of Frailty and Aging*. 2017; 6(3):167-171. doi:10.14283/jfa.2017.16.
10. Yang, J.A., Stires, H, Belden, W.J., and Roepke, T.A. (2017) The Arcuate Estrogen-Regulated Transcriptome: Estrogen Response Element-Dependent and -Independent Signaling of ER α in Female Mice. *Endocrinology* 158(3): 612-626.

19 Presentations (oral and poster) (3 joint presentations for multistate team)

1. Belden WJ. The circadian clock, ncRNA, heterochromatin and booze, Geisel School of Medicine at Dartmouth, Hanover, NH, July 14, 2017
2. Buys D.R. (Chair), Cohen, N., Slezak, S., Francis, S., Ventura Marra, M., Gilbride, J., (2017, July). "Successes in Older Adult Nutrition and Physical Activity Studies: a USDA Multistate Research Project." Oral Presentation. International Association of Gerontology and Geriatrics 2017 Conference, International Association of Gerontology and Geriatrics, San Francisco, CA.
3. Buys, D. R. (2017, April). "Nutrition, Health and Aging: A Few Things to Know as You Approach Older Adulthood." Keynote/Plenary Address. National Active and Retired Federal Employees, National Active and Retired Federal Employees, Starkville, MS.
4. Buys, D.R. (2017, July), Causes and Correlates of Food Insecurity and Obesity among Older Adults. Panelist for NIH-sponsored conference on "A Disparities Paradox? Food Insecurity and Obesity Among Vulnerable Populations," Myrlie Evers-Williams Institute for the Elimination of Health Disparities. University of Mississippi Medical Center, Jackson, MS.
5. Buys, D.R., Horowitz, M., Prevadel, S., Reicks, M., Cronk, L., Duffy, V., Garden-Robinson, J., McGee, B., Nelson, C., Warren, T., and Remley, D. (2017, May). "Extension's Role in Chronic Disease Prevention and Management In the Next 100 Years: A View from Agents/ Educators, Faculty/ Specialists, and Administrators," National Health Outreach Conference, Annapolis, MD
6. Buys, D.R., Russell, K.J.*, Kennedy, R. E., Williams, C. P., Brown, C., and Locher, J. L., (2016, April). "Socio-Demographic Predictors of Nutritional Risk: Cross Sectional Analyses from the UAB

- Study of Aging II." Poster. Graduate Student Research Symposium, Office of the Graduate School, Mississippi State University, Starkville, MS.
7. Cheng WH. Dietary Selenium Deprivation Oppositely Impacts Longevity and Healthspan in Telomere Dysfunctional Mice. *Experimental Biology* 2017, April 25, 2017, Chicago.
 8. Cheng WH. Dietary Selenium Deprivation Oppositely Impacts Longevity and Healthspan in Telomere Dysfunctional Mice. 11th International Symposium on Selenium and Biology and Medicine. August 15, 2017. Stockholm, Sweden.
 9. Cohen N., Jiang Q., Ventura Marra M., Woolf K., Gilbride J., Francis S. Recommendations to support enablers of healthy eating in older adults in diverse communities. International Association of Gerontology and Geriatrics Conference, San Francisco, CA July 24, 2017.
 10. Ganganna., Prema (October 7, 2016) Improving Older Adult's Health Trajectory through Diet and Activity Modifications presented at the 15th Annual HBCU and HSI Health Services Research Conference Translational Research for Reducing Health Disparities
 11. Lindsay R. MacNab, Sarah L. Francis, Ingrid Lofgren, Catherine Violette, Mack C. Shelley, Matthew Delmonico, Furong Xu. Factors influencing the nutritional risk and food intakes of community-residing older adults. *Innovation in Aging*, Volume 1, Issue suppl_1, 1 July 2017, Pages 635, <https://doi.org/10.1093/geroni/igx004.2241>. Oral presentation at the 2017 International Association of Gerontology and Geriatrics Conference.
 12. Lo, A., Buys, D.R., Rundle, A., Brown, C., Kennedy, R., (2016, November). "Neighborhood Characteristics Modify the Influence of Life-Space Mobility on Healthcare Utilization." Oral Presentation. Gerontological Society of America Annual Meeting, Gerontological Society of America, New Orleans, Louisiana.
 13. Marra MV, Thuppal SV, Bailey R, Johnson E. Validation of the Dietary Screening Tool in a Middle-Aged Appalachian Population
 14. Obhi, H.K., Margrett, J.A., Su, Y., Francis, S.L., & Beck, E. Determinants of nutritional wellness among rural older adults. Poster presentation at the American Psychological Association Conference. Washington D.C., Virginia. August 2017
 15. Park, J, Zhu, Q, Belden, WJ. Exploring the connection between the circadian clock, long non-coding RNA, heterochromatin and aging. *Chronobiology Gordon Research Council, Snowflake Conference Center, Stowe, VT, July 16-21, 2017*
 16. Slezak SG, Katkowski L, Benson M, Renna EN, Mahoney KB, Hatfield D, Xu F, Lofgren IE, Delmonico MJ. Identifying sarcopenia in older Rhode Island women using current definitions. Oral presentation at: Multi-state research symposium session at the 21st International Association of Gerontology and Geriatrics World Congress; July, 2017; San Francisco, CA.
 17. Slezak SG, Renna EN, Mahoney KB, Lofgren IE, Xu F, Delmonico MJ, Hatfield D. Effects of Periodized Resistance Training on Sarcopenia Classification in Older Inactive Women. Poster presentation at: ACSM's 64th Annual Meeting & 8th World Congress on Exercise is Medicine; June, 2017; Denver, Colorado.
 18. Woolf K. "Nutrition and Health Concerns for Older Adults with Arthritis". *Frontiers in Aging: Diet and Exercise Impacts on Musculoskeletal Conditions Symposium. Food and Nutrition Conference and Expo.* October 2016.
 19. Woolf K. "Nutrition and Lupus: A Practical Approach to a Healthy Diet". *Lupus Foundation of America Education Program. NYU Hospital for Joint Diseases.* October 2016.

10 Published Research Abstracts (3 joint abstracts for multistate team)

1. Cheng WH, Wu RT, Cao L, Witwer KW, Lu HY. Dietary Selenium Deprivation Oppositely Impacts Longevity and Healthspan in Telomere Dysfunctional Mice. *The FASEB J.* 2017; 31(1) Supplement 459.7.

2. Cheng WH. Dietary Selenium Deprivation Oppositely Impacts Longevity and Healthspan in Telomere Dysfunctional Mice. Se2017 (<http://www.se2017.se/>)
3. Cohen N., Jiang Q., Ventura Marra M., Woolf K., Gilbride J., Francis S. Recommendations to support enablers of healthy eating in older adults in diverse communities. International Association of Gerontology and Geriatrics Conference, San Francisco, CA July 24, 2017.
4. Lindsay R. MacNab, Sarah L. Francis, Ingrid Lofgren, Catherine Violette, Mack C. Shelley, Matthew Delmonico, Furong Xu. Factors influencing the nutritional risk and food intakes of community-residing older adults. *Innovation in Aging*, Volume 1, Issue suppl_1, 1 July 2017, Pages 635, <https://doi.org/10.1093/geroni/igx004.2241>. Oral presentation at the 2017 International Association of Gerontology and Geriatrics Conference.
5. Marra MV, Thuppal SV, Bailey R, Johnson E. Validation of the Dietary Screening Tool in a Middle-Aged Appalachian Population. *FASEB J.* 2017;31(1):S955.5.
6. Obhi, H.K., Margrett, J.A., Su, Y., Francis, S.L., & Beck, E. Determinants of nutritional wellness among rural older adults. Poster presentation at the American Psychological Association Conference. Washington D.C., Virginia. August 2017.
7. Slezak SG, Katkowski L, Benson M, Renna EN, Mahoney KB, Hatfield D, Xu F, Lofgren IE, Delmonico MJ. Identifying sarcopenia in older Rhode Island women using current definitions. *Innovation in Aging.* 2017; 1(Suppl. 1): 635. doi: 10.1093/geroni/igx004.2240
8. Slezak SG, Renna EN, Mahoney KB, Lofgren IE, Xu F, Delmonico MJ, Hatfield D. Effects of Periodized Resistance Training on Sarcopenia Classification in Older Inactive Women. *Medicine & Science in Sports & Exercise.* 2017; 49(Suppl. 5): 543.
9. Successes in Older Adult Nutrition and Physical Activity Studies: A USDA Multisite Research Project, David Buys, Chair and Judith Gilbride, Co-Chair. July 24, 2017. IAGG World Congress of Gerontology and Geriatrics: Bridging Science, Policy and Practice

5 Theses or Dissertations

1. Cao, L. Role of Selenium in Age-related Degeneration: Selenotranscriptome Hierarchy and Characterization of Selenoprotein H. Dissertation. October 2016.
2. Renna EN. The Relationship Between Arthritis and Muscular Strength in Older Women with Symptoms of Sarcopenia. [Master thesis]. Kingston, RI: The University of Rhode Island; 2017.
3. Slezak SG. Effects of 10 weeks of Periodized Resistance Training on Sarcopenia Classification in Older Women. [Master thesis]. Kingston, RI: The University of Rhode Island; 2017.
4. Starett P. Relationship between diet quality and cardiovascular risk among middle-aged West Virginians. [master's thesis]. Morgantown, WV: West Virginia University; 2016. Retrieved from ProQuest Dissertations and Theses database.
5. Yap, Le Lee. Evaluation of a SNAP-Ed program for older adults. Thesis. Iowa State University. December 2016.

1 Extension Curriculum

1. Stay Independent: A healthy aging series. Four lessons with accompanying materials. Iowa State University. <https://www.extension.iastate.edu/humansciences/stay-independent>