

## Regan Lucas Bailey, Ph.D., M.P.H., R.D.

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### EDUCATION

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M.P.H.	<b>Johns Hopkins University, Public Health and Epidemiology</b> <i>Capstone:</i> The Epidemiology of Global Micronutrient Deficiency <i>Mentor:</i> Keith P West, Dr.P.H., R.D.	2014
Ph.D.	<b>The Pennsylvania State University, Nutritional Sciences</b> Minor in Gerontology <i>Dissertation:</i> Development and Validation of a Dietary Screening Tool for Older Adults Research supported by a NIH/National Institute on Aging training grant #T32AG00048 <i>Mentor:</i> Helen Smiciklas-Wright, Ph.D.	2007
M.S.	<b>The Indiana University of Pennsylvania, Food and Nutrition</b> <i>Thesis:</i> Knowledge, Skills and Applications of Internet Technology in Nutrition Education <i>Mentor:</i> Stephanie Taylor-Davis, Ph.D., R.D.	2001
B.S.	<b>The Pennsylvania State University, Applied Nutrition</b>	1998

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### POST-DOCTORAL TRAINING

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<b>National Institutes of Health, Office of Dietary Supplements</b> <b>Centers for Disease Control and Prevention, National Center for Health Statistics</b> <i>Mentor:</i> Mary Frances Picciano, Ph.D.	2007-2009
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### BOARD CERTIFICATIONS

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R.D.	Registered Dietitian	2000-Present
L.D.	Licensed Dietitian, Indiana	2019-Present

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### PROFESSIONAL EXPERIENCE

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<b>Texas A&amp;M University System</b> <i>Associate Director of the Institute for Advancing Health through Agriculture</i> <i>Professor of Nutrition</i>	2022-Present
<b>Purdue University, Department of Nutrition Science</b> <i>Professor of Nutrition Science</i> <i>Director, Purdue Diet Assessment Center</i> <i>Faculty Associate, Center of Aging and the Life Course and Courtesy Professor of Public Health</i>	2019-Present
<b>Purdue University, Department of Nutrition Science</b> <i>Associate Professor</i> <i>Director, Purdue Nutrition Assessment Center</i>	2015-2019
<b>National Institutes of Health, Office of Dietary Supplements</b> <i>Scientific Consultant</i>	2015-2020
<b>National Institutes of Health, Office of Dietary Supplements</b> <i>Nutritional Epidemiologist</i> <i>Director of Training, Career Development and Outreach</i>	2009-2015

**The Pennsylvania State University** 2002-2007  
*Pre-doctoral Fellow, Senior Health in Pennsylvania  
Research Assistant, Diet Assessment Center*

**Kane Regional Medical Center** 2001-2002  
*Clinical Dietitian*

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### LEADERSHIP TRAINING

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#### **Purdue University**

*Faculty Insights Forum, 2019-2020*

- Bimonthly sessions address the “nuts and bolts” of leadership including diversity and inclusion; transparency; building consensus; and mentoring faculty and staff. Each participant is paired with an experienced administrator at Purdue to discuss the participant’s goals and personal progress toward the program outcomes. Program outcomes are monitored via group discussion and discrete take-home projects focused on implementing the skills discussed in sessions.

#### **National Institutes of Health**

*Senior Leadership Training Program, 2014*

- Personalized training to enhance individual leadership skills; design and implement a personal leadership development plan; enhance capacity to lead for scientific results, including the ability to use data efficiently to drive organizational decision making; and, develop strategies to for leading a research team.

#### **Dannon Nutrition Leadership Institute**

*Selected to class of 2011*

- Nutrition-focused leadership training designed to equip outstanding nutritional scientists at an early stage of their careers with the leadership skills and broad perspective necessary to achieve their professional potential through an intensive five-day training program designed to provide participants with strategies for improving their ability to lead others in both their place of employment and in the field of nutrition.

#### **Bottom Line Solutions, Inc.**

*Personal Leadership & Management Coaching, 2011-2013*

- Bi-monthly, 2-hour personal counseling sessions with Eric Collier to enhance performance, work-life balance, emotional intelligence, and strategies to inspire and lead others.

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### PEER-REVIEWED PUBLICATIONS

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#### [Google Scholar Metrics](#)

11,259	11,362	
h-index	49	h-index = number of publications with at least that number of citations
i-10 index	106	i-10 index = number of publications with at least 10 citations

154. **Bailey RL**, Stover PJ. Muddy water: Additional observational data cannot aid in determining whether there is a physiological interaction between low vitamin B12 and high folate in cognitive health. *American Journal of Clinical Nutrition*, 2022. Online ahead of print: <https://doi.org/10.1093/ajcn/nqac095>
153. Eicher-Miller HA, Wright BN, Tooze JA, Craig BA, Qin Y, **Bailey RL**, McCormack LA, Stluka S, Franzen-Castle L, Henne B, Mehrle D, Remley D. Evaluating a food pantry-based intervention to improve food security, dietary intake and quality in Midwestern food pantries. *Journal of the Academy of Nutrition and Dietetics*, 2022; Online ahead of print: <https://doi.org/10.1016/j.jand.2022.02.016>
152. **Bailey RL**, Low Dog T, Smith-Ryan AE, Das SK, Baker FC, Madak-Erdogan Z, Hammond BR, Sesso HD, Eapen A, Mitmesser SH, Wong A, Nguyen H. Sex Differences Across the Life Course: A Focus On Unique Nutritional and Health Considerations among Women. *Journal of Nutrition*. *Journal of Nutrition*, 2022; Online ahead of print: <https://doi.org/10.1093/jn/nxac059>

151. Coates PM, Allen LH, Belury M, Schalinske K, Booth SL, Stull A, Lyle B, **Bailey RL**, Krebs N, McBurney Moustaid-Moussa N, MacFarlane A, West KP, Ajabshir S, Kahana D, Shao A, Woteki C. A New Chapter for the American Society for Nutrition's (ASN) Journal Portfolio. ASN Board of Director's Editorial, Jointly Published in 2021: *American Journal of Clinical Nutrition, Journal of Nutrition, Advances in Nutrition, Current Developments in Nutrition*. DOI: <https://doi.org/10.1093/cdn/nzab126>
150. Cowan AE, **Bailey RL**, Jun S, , Dodd KW, Gahche JJ, Eicher-Miller HA, Guenther PM, Dwyer JT, Potischman N, Bhadra A, Carroll R, Tooze JA. The Total Nutrient Index is a useful measure for assessing total micronutrient exposures among U.S. Adults. *Journal of Nutrition*. *Journal of Nutrition*, 2021; 152 (3):863-871. DOI: 0.1093/jn/nxab428.
149. **Bailey RL**, Stang JS, Davis TA, Naimi TS, Schneeman BO, Dewey KG, Donovan SM, Novotny R, Kleinman RE, Taveras EM, Bazzano L, Snetselaar LG, de Jesus J, Casavale KO, Stoody EE, Goldman JD, Moshfegh AJ, Rhodes DG, Pannucci TR. Dietary and complementary feeding practices of U.S. infants, 6-12 months: A narrative review of the Federal nutrition monitoring data. *Journal of the Academy of Nutrition and Dietetics*, 2022; 122 (3): 525-532. DOI: <https://doi.org/10.1016/j.jand.2021.10.017>
148. Dwyer JT, Saldanha LG, Bailen R, Gahche JJ, Potischman N, Andrews KW, Pehrsson P, **Bailey RL**, Jun S, Long K, Connor E, Gusev PA. How Well Do Children's Multi-Vitamin Minerals Fill Intake Gaps? *Journal of the Academy of Nutrition and Dietetics*. Online ahead of print: <https://doi.org/10.1016/j.jand.2021.10.019>
147. Cowan AE, Jun S, Tooze JA, Dodd KW, Gahche JJ, Eicher-Miller HA, Guenther PM, Dwyer JT, Potischman N, Bhadra A, Carroll R, **Bailey RL**. A narrative review of nutrient based indexes to assess diet quality and the proposed Total Nutrient Index that reflects total dietary exposures. *Critical Reviews in Food Science and Nutrition*, 2021 DOI: 10.1080/10408398.2021.1967872
146. Panjwani AA, Kelleher B, **Bailey RL**. COVID-19 and Food-related Outcomes in Children with Autism Spectrum Disorder: Disparities by Income and Food Security Status. *Current Developments in Nutrition*, 2021. DOI: 10.1093/cdn/nzab112.
145. Jun S, Cowan AE, Dwyer JT, Gahche JJ, Campbell WW, Thalacker-Mercer AE, **Bailey RL**. Dietary Protein Intake is Positively Associated with Appendicular Lean Mass and handgrip Strength among Middle-Aged US Adults. *Journal of Nutrition*, 2021;151:3755-3763. DOI: 10.1093/jn/nxab288.
144. Sauder KA, Harte RN, Ringham DM, Guenther PM, **Bailey RL**, Alshawabkeh A, Cordero JF, Dunlop Al, Ferranti EP, Elliott AJ, Mitchell DC, Hedderson MM, Avalos LA, Zhu Y, Breton C, Chatzi L, Ran J, Hertz-Picciotto I, Karagas M, Sayarath V, Hoover J, MacKenzie D, Lyall K, Schmidt RJ, O'Connor TG, Barrett ES, Switkowski K, Comstock SS, Kerver JM, Trasande L, Tylavsky FA, Wright RJ, Mueller NT, Catellier DJ, Glueck DH, Dabelea D. Disparities in risks of inadequate and excessive intake of micronutrients during pregnancy: Synthesis of national data from the Environmental Influences on Child Health Research (ECHO) Consortium. *Journal of Nutrition*, 2021; 151: 3555-3569. DOI: 10.1093/jn/nxab273.
143. English LK, Ard J, **Bailey RL**, Bates M, Boushey CJ, Brown C, Butera G, Callahan EH, de Jesus J, Mattes RD, Mayer-Davis E, Novotny R, Obbagy JE, Rahvai E, Stoody EE, van Horn L, Venkatramanan S, Heymsfield SB. Evaluation of Dietary Patterns and All-Cause Mortality: A Systematic Review. *Journal of the American Medical Association*, 2021; 4(8). DOI: 10.1001/jamanetworkopen.2021.22277.
142. Dewey KG, Pannucci TR, Cassavale KO, Davis TA, Donovan SM, Kleinman RE, Taveras E, **Bailey RL**, Novotny R, Stang JS, de Jesus J, Stoody EE. Development of food pattern recommendations for infants and toddlers 6-24 months of age to support the Dietary Guidelines for Americans, 2020-2025. *Journal of Nutrition*, 2021; 151 (10): 3113-3124. DOI: 10.1093/jn/nxab201.
141. Gahche JJ, **Bailey RL**. Accurate Measurement of Nutrients and Nonnutritive Dietary Ingredients from Dietary Supplements Is Critical in the Precision Nutrition Era. *Journal of Nutrition*, 2021; (8):2094-2095. DOI: 10.1093/jn/nxab237.
140. Nevins JEH, Donovan SM, Snetselaar L, Dewey KG, Novotny R, Stand JS, Taveras E, Kleinman RE, **Bailey RL**, Raghavan R, Scinto-Madonich S, Venkatramanan S, Butera G, Terry N, Altman J, Adler M, Obbagy JE, Stoody EE, de Jesus J. Omega-3 fatty acid dietary supplements consumed during pregnancy and lactation

and child development: A systematic review. *Journal of Nutrition*, 2021; 151 (11): 3483-3494. DOI: 10.1093/jn/nxab238.

139. Panjwani AA, Kelleher B, **Bailey RL**. COVID-19 and Behaviors in Children with Autism Spectrum Disorder: Disparities by Income and Food Security Status. *Research in Developmental Disabilities*. 2021; 115: 104002. DOI: 10.1016/j.ridd.2021.104002

138. Dewey KG, Gungor D, Donovan SM, Madan E, Venkatramanan S, Davis TA, Kleinman RE, Taveras E, **Bailey RL**, Novotny R, Terry N, Butera G, Obbagy JE, de Jesus J, Stand JS, Raghavan R, Scinto-Madonich S, Altman J, Adler M, Stoody EE. Breastfeeding and risk of overweight in childhood and beyond: A systematic review with emphasis on sibling pair and intervention studies. *American Journal of Clinical Nutrition*, 2021; 114 (5): 1774-1790. DOI:10.1093/ajcn/nqab206.

137. Jun S, Cowan AE, Dodd KW, Tooze JA, Gahche JJ, Eicher-Miller HA, Guenther PM, Dwyer JT, Potischman N, Bhadra A, Forman MR, **Bailey RL**. Association of food insecurity with dietary intakes and nutritional biomarkers among US children, National Health and Nutrition Examination Survey (NHANES). *American Journal of Clinical Nutrition*, 2021;114:1059-1069. DOI:10.1093/ajcn/aqab113.

136. Mineva EM, Sternberg **Bailey RL**, Pfeiffer CM. Fewer US adults had low or transitional vitamin B12 status based on the novel combined indicator of vitamin B12 status compared with individual, conventional markers, NHANES 1999–2004. *American Journal of Clinical Nutrition*, 2021; 114 (3): 1070-1079. DOI: 10.1093/ajcn/nqab122.

135. **Bailey RL**, Jun S. Public health decisions are made at the tails of the distribution: A novel tool to estimate usual intake distributions from short term dietary assessment methods. Invited Commentary, *Journal of Nutrition*, 2021; 151(5)1059-1060. DOI: 10.1093/jn/ncab085.

134. **Bailey RL**. Overview of Dietary Assessment Methods for Measuring Intakes of Foods, Beverages, and Dietary Supplements in Research Studies. Invited review, *Current Opinion in Biotechnology*, 2021;70:91-96. DOI: 10.1016/j.copbio.2021.02.007.

133. Schneeman BO, Ard JD, Boushey CJ, **Bailey RL**, Novotny R, Snetselaar LG, de Jesus J, Stoody EE. Perspective: Impact of the National Academy of Sciences, Engineering, and Medicine Report on the Process for the 2020 Dietary Guidelines Advisory Committee. *Advances in Nutrition*, 2021;12(4)1051-1057. DOI:10.1093/advances/nmab023.

132. **Bailey RL**, Ard JD, Davis TA, Naimi TS, Schneeman BO, Stang JS, Dewey KG, Donovan SM, Novotny R, Snetselaar LG, de Jesus J, Casavale KO, Pannucci TR, Stoody EE. A Proposed Framework for Identifying Nutrients and Food Components of Public Health Relevance in the Dietary Guidelines for Americans. *Journal of Nutrition*, 2021;151(5)1197-1204. DOI:10.1093/jn/nxaa459.

131. Panjwani AA, Cowan AE, Jun S, **Bailey RL**. Trends in Nutrient-and Non-Nutrient Containing Dietary Supplement Use among U.S. Children from 1999-2016. *Journal of Pediatrics*. DOI:10.1016/j.jpeds.2020.12.021.

130. Wallace TC, **Bailey RL**, Lappe J, O'Brien, Wang DD, Sahni S, Weaver CM. Dairy intake and bone health across the lifespan: A systematic review and expert narrative. *Critical Reviews in Food Science and Nutrition*, 2021; 61 (21): 3661-3707. DOI: 10.1080/10408398.2020.1810624.

129. **Bailey RL**, Jun S, Murphy L, Green R, Gahche JJ, Dwyer JT, Potischman N, Miller JA. High folic acid and folate and low vitamin B12 status: potential but inconsistent interactions with cognitive function in a nationally-representative, cross-sectional study of U.S. older adults. *American Journal of Clinical Nutrition*, 2020; 112(6): 1547-1557. DOI: 10.1093/ajcn/nqaa239

128. Maruvada P, Stover PJ, Mason JB, **Bailey RL**, Davis CD, Field, M, Finnell RH, Garza C, Green R, Gueant JL, Jacques PF, Johnston B, Klurfeld DM, Lamers Y, MacFarlane A, Miller JW, Molloy A, O'Connor D, Pfeiffer CM, Potischman NA, Rodicks JV, Rosenber IH, Shane B, Selhub J, Ross SA, Stabler SP, Trasler J, Yamini S, Zappala G. Metabolic Interactions Between Excess Foliates/Folic Acid and Vitamin B12 Deficiency: A Summary, and Perspectives, from an NIH Workshop. *American Journal of Clinical Nutrition*, 2020; 112(5): 1390-1403. DOI: 10.1093/ajcn/nqaa259.

127. Liu Y, Desmond NE, Wright BN, **Bailey RL**, Dong T, Craig BA, Eicher-Miller HA. Nutritional Contributions of Food Pantries and Other Sources to the Diets of Rural, Midwestern Food Pantry Users in the U.S. *British Journal of Nutrition*. 2021; 125: 891-901. DOI: 10.1017/S0007114520003372.
126. Wright BN, Tooze JA, **Bailey RL**, Liu Y, Rivera RL, McCormack L, Stluka S, Franzen-Castle L, Henne B, Remley D, Eicher-Miller HA. Dietary quality and usual intake of under-consumed nutrients and related food groups differ by food security status for rural, Midwestern food pantry clients. *Journal of Academy of Nutrition and Dietetics*, 2020; 129(9): 1457-1468. DOI: 10.1016/j.jand.2020.04.011.
125. Rivera RL, Zhang Y, Wang Q, Maulding MK, Tooze JA, Wright BN, Craig BA, **Bailey RL**, Eicher-Miller HA. Diet quality and associations with food security among women eligible for Indiana Supplemental Nutrition Assistance Program-Education. *Journal of Nutrition*. 2020; 150 (8): 2191-2198. DOI: 10.1093/jn/nxaa171.
124. Wallace TC, Jun S, Zou P, McCabe GP, Craig BA, Cauley JA, Weaver CM, **Bailey RL**. Dairy intake is not associated with improvements in bone mineral density or risk of fractures across the menopause transition: Data from the Study of Women's Health Across the Nation. *Menopause*, 2020; 27(8): 879-886. DOI: 10.1097/GME.0000000000001555.
123. **Bailey RL**, Kiesel VA, Lobene AJ, Zou P. Redesigning an undergraduate nutrition course through active learning. *Current Developments in Nutrition*, 2020; DOI: <https://doi.org/10.1093/cdn/nzaa039>
122. Chapa J, Farkas B, **Bailey RL**, Huang JY. Evaluation of environmental performance of American dietary patterns considering food nutrition and satiety. *Science of the Total Environment*. 2020; 722: 137672, DOI: 10.1016/j.scitotenv.2020.137672.
121. O'Neill LM, Dwyer JT, **Bailey RL**, Reidy KC, Saavedra JM. Harmonizing micronutrient intake reference ranges for dietary guidance and menu planning in complementary feeding. *Current Developments in Nutrition*, 2020; 4(3): nzaa017. DOI: 10.1093/cdn/nzaa017.
120. Jun S, Gahche JJ, Potischman N, Dwyer JT, Guenther PM, Sauder KA, **Bailey RL**. Dietary supplement use and its micronutrient contribution among pregnant and lactating U.S. women. *Obstetrics and Gynecology*, 2020; 135(3): 623-633. DOI: 10.1097/AOG.0000000000003657.
119. Eicher-Miller HA, Boushey CJ, **Bailey RL**, Yang YJ. Frequently consumed foods and energy contributions among food secure and insecure U.S. children and adolescents. *Nutrients*. 2020; 12(2): 304. DOI: 10.3390/nu12020304
118. Jun S, Cowan AE, Bhadra A, Dodd KW, Dwyer JT, Eicher-Miller HA, Gahche J, Guenther PM, Potischman N, Tooze JA, **Bailey RL**. Older adults with obesity have higher risks of some micronutrient inadequacies and lower overall dietary quality compared to peers with a healthy weight. *Public Health Nutrition*. 2020; 23 (13): 2268-2279 DOI: 10.1017/S1368980020000257
117. Smith JD, Jain N, **Bailey RL**. Ready-to-eat cereal fortification: A modelling study on the impact of changing ready-to-eat cereal fortification levels on population intake of nutrients. *Public Health Nutrition*. 2020; 23: 2165-2178. DOI: 10.1017/S1368980019003690
116. Cowan AE, Jun S, Tooze JA, Eicher-Miller HA, Dodd KW, Gahche JJ, Guenther PM, Dwyer JT, Potischman N, Bhadra A, **Bailey RL**. Total Usual Micronutrient Intakes Compared to the Dietary Reference Intakes among U.S. Adults by Food Security Status. *Nutrients*, 2020; 12(1). DOI: 10.3390/nu12010038.
115. Cowan AE, Jun S, Tooze JA, Dodd KW, Gahche JJ, Eicher-Miller HA, Guenther PM, Dwyer JT, Moshfegh AJ, Rhodes DG, Bhadra A, **Bailey RL**. Comparison of four methods to assess the prevalence of use and estimates of nutrient intakes from dietary supplements among U.S. adults. *The Journal of Nutrition*, 2020; 150:884-893. DOI: 10.1093/jn/nxz306
114. Wallace TC, Cowan AE, **Bailey RL**. Current sodium intakes in the United States and the modeling of glutamate incorporation into select savory products. *Nutrients*, 2019; 11(1). DOI: 10.3390/nu11112691.
113. **Bailey RL**, Zou P, Wallace TC, McCabe GP, Craig BA, Jun S, Cauley JA, Weaver CM. Calcium supplement use associated with less bone mineral density loss but not the risk of bone fracture across the menopause

- transition: Data from the Study of Women's Health Across the Nation. *The Journal of Bone and Mineral Research Plus*, 2019. DOI: 10.1002/jbm4.10246
112. Liu Y, Tooze JA, Zhang Y, Heather L, **Bailey RL**, Wright B, Ma M, Stluka S, Remley DT, McCormack LA, Franzen-Castle L, Henne R, Mehrle D, Moore L, Eicher-Miller HA. Breakfast consumption is positively associated with usual nutrient intakes among food pantry clients living in rural communities. *Journal of Nutrition*, 2019; 0:1-8. DOI: 10.1093/jn/nxz258.
111. Wallace TC, **Bailey RL**, Blumberg JB, Burton-Freeman B, Chen CO, Crowe KM, Drewnowski A, Hooshmand S, Johnson E, Lewis R, Murray R, Shapses SA, Wang DD. Fruits, vegetables, and health: a comprehensive narrative, umbrella review of the science and recommendations for enhanced public policy to improve intake. *Critical Reviews in Food Science and Nutrition*, 2019. DOI: 10.1080/10408398.2019.1632258.
110. Tripicchio GL, Kachurak A, Davey A, **Bailey RL**, Dabritz LJ, Fisher JO. Associations between Snacking and Weight Status among Adolescents 12-19 years in the United States. *Nutrients*, 2019; 11(7). DOI: 10.3390/nu11071486.
109. Kachurak A, **Bailey RL**, Davey A, Dabritz L, Fisher JO. Daily snacking occasions, snack size, and snack energy density as predictors of diet quality among US children aged 2 to 5 years. *Nutrients*, 2019; 11(7). DOI: 10.3390/nu11071440.
108. **Bailey RL**, Pac SG, Fulgoni VL, Reidy KC, Catalano P. Estimation of total usual dietary intakes of pregnant women in the United States. *JAMA Open Network*, 2019; 2(6): e195967. DOI: 10.1001/jamanetworkopen.2019.5967.
107. Mineva EM, Sternberg MR, Zhang M, Aoki Y, Storandt R, **Bailey RL**, Pfeiffer CM, 2019. Age-specific reference ranges are needed to interpret serum methylmalonic acid concentrations in the US population. *American Journal of Clinical Nutrition*, 2019; 110(1): 158-168. DOI: 10.1093/ajcn/nqz045.
106. Salazar TMB, Cai H, **Bailey RL**, Huang JY. Defining nutritionally and environmentally healthy dietary choices of omega-3 fatty acids. *Journal of Cleaner Production*, 2019; 228:1025-1033. <https://doi.org/10.1016/j.jclepro.2019.04.359>.
105. Liu Y-H, Gao X, Mitchell DC, Wood C, **Bailey RL**, Still CD, Jensen GL. Validation of a diet quality screening tool for use in the oldest old (age  $\geq$  80 years old). *Journal of Nutrition in Gerontology and Geriatrics*, 2019; DOI: 10.1080/21551197.2019.1601604.
104. Jun S, Zeh MJ, Eicher-Miller HA, **Bailey RL**. Children's dietary quality and micronutrient adequacy by food security in the household and among household children. *Nutrients*. 2019. DOI: 10.3390/nu11050965.
103. **Bailey RL**, Sahni S, Chocano-Bedoya P, Daly RM, Welch A, Bischoff-Ferrari H, Weaver CM. Best practices for conducting observational research to assess the relationship between nutrition and bone: An international working group summary. *Advances in Nutrition*, 2019; 10: 391 – 409.; DOI: 10.1093/advances/nmy111.
102. Eldridge AL, Catellier DJ, Hampton JC, Dwyer JT, **Bailey RL**. Trends in mean dietary intakes of US infants, toddler, and young children: Data from three Feeding Infants and Toddlers Studies (FITS). *Journal of Nutrition*, 2019; 149(7): 1230-1237. DOI: 10.1093/jn/nxz054.
101. Gahche JJ, Herrick K, Potischman N, **Bailey RL**, Ahluwalia N, Dwyer JT. Dietary Supplement Use among U.S. Infants and Toddlers in the United States, NHANES 2007-2014. *Journal of Nutrition*, 2019; 149: 314-322.
100. **Bailey RL**, Dodd KW, Gahche JJ, Dwyer JT, Cowan AE, Jun S, Eicher-Miller HA, Guenther PM, Bhadra A, Thomas PR, Potischman N, Carroll R, Tooze JA. Best practices for dietary supplement assessment and estimation of total nutrient intakes in population-level research and monitoring. Invited Submission, *Journal of Nutrition*, 2019; 149: 181-197.
99. **Bailey RL**. Current Regulatory Guidelines and Resources to Support Research of Dietary Supplements in the United States. *Critical Reviews in Food Science and Nutrition*, 2018; 13:1-12. DOI: 10.1080/10408398.2018.1524364.

98. Weaver CM, **Bailey RL**, McCabe LD, Moshfegh AJ, Lobene AJ, McCabe GP. Mineral intake ratios are a weak but significant factor in blood pressure variability in U.S. adults. *Journal of Nutrition*, 2018; 148: 1845-1451. DOI: 10.1093/jn/nxy199.
97. Venturra-Marra M, **Bailey RL**. Position of the academy of nutrition and dietetics: Micronutrient Supplementation. *Journal of the American Dietetic Association*, 2018; 118: 2162-2173.
96. Jun S, Cowan AE, Tooze JA, Eicher-Miller HA, Bhadra A, Guenther PM, Gahche JJ, Potischman N, Dwyer JT, **Bailey RL**. Dietary supplement use by U.S. children by family income, food security level, and nutrition assistance program participation in 2011-2014. *Nutrients*, 2018; 10: 1-11. DOI: 10.3390/nu10091212.
95. Eggersdorfer M, Akobundu U, Allen E, **Bailey RL**, Shlisky Baxter J, Beaudreault A, Bergeron G, Blancato R, Blumberg JB, Bourassa MW, Gomes F, Hodgkins CR, Jensen GL, Johnson MA, Mackay D, Marshall K, Meydani SN, Tucker K. Hidden Hunger: Solutions for America's aging populations. *Nutrients*, 2018; 10: 1-15. DOI: 10.3390/nu10091210
94. Cowan AE, Jun S, Tooze JA, Eicher-Miller HA, Bhadra A, Guenther PM, Gahche JJ, Potischman N, Dwyer JT, **Bailey RL**. Dietary Supplement Use Differs by Socioeconomic and Health-related Characteristics among U.S. Adults, NHANES 2011-2014. *Nutrients*, 2018; 10: 1-12. DOI: 10.3390/nu10081114.
93. Gahche JJ, **Bailey RL**, Potishman N, Ershow AG, Herrick KA, Ahluwalia N, Dwyer JT. Federal monitoring of dietary supplement use in the resident, civilian, noninstitutionalized U.S. population: National Health and Nutrition Examination Survey. *Journal of Nutrition*, 2018; 8S: 1436-1444S.
92. Dwyer JT, Bailen R, Saldanha LG, Gahche JJ, Davis C, **Bailey RL**, Potishman N, Ershow AG, Sorkin B, Avila LR, Change F, Goshorn J, Andrews KW, Pehrsson P, Gusev PA, Harnly J, Hardy C, Emenaker N, Short S, Savelli E, Calvillo A. The Dietary Supplement Label Database: Recent Developments and Applications. *Journal of Nutrition*, 2018; 8S: 1428S-1435S.
91. Potischman N, Fang L, Hao L, **Bailey RL**, Berrigan D, Berry RJ, Brodie A, Chao A, Chen J, Dodd KW, Feng Y, Ma G, He Y, Fan J, Kimlin M, Kitahara C, Linet M, Li Z, Liu A, Liu Y, Pfeiffer C, Sampson J, Su J, Sun J, Tasevska N, Wang L, Yang L, Yang R, Zhang Q, Wang N, Wang Y. The Chinese Children and Families Cohort Study: A nutrition, physical activity and UV radiation pilot study. *Nutrition Today*, 2018; 53: 104-114.
90. Jun S, Catellier DJ, Eldridge AL, Dwyer JT, Eicher-Miller HA, **Bailey RL**. Usual nutrient intakes from the diets of U.S. Children by WIC Participation. *Journal of Nutrition*, 2018; 148: 1567-1574.
89. **Bailey RL**, Catellier DJ, Jun S, Dwyer JT, Jacquier EF, Eldridge AL. Total usual nutrient intakes of U.S. children (<48 months), findings from the Feeding Infants and Toddlers Study (FITS) 2016. *Journal of Nutrition*, 2018; 148: 1557-1566.
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## **PUBLICATIONS, Under review**

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Feskens EJM, **Bailey RL**, Bhutta A, Biesalski HK, Eicher-Miller HA, Pan WH, Griffiths JC. Women’s Health: Optimal Nutrition Throughout the Lifecycle. Under Review, *European Journal of Clinical Nutrition*.

Field MS, **Bailey RL**, Brannon PM, Gregory JF, Lichtenstein AH, Saldanha IJ, Schneeman BO. Scanning the Evidence: Process, protocol, and lessons learned from an evidence scan of riboflavin to inform decisions on updating the DRI. Under Review, *American Journal of Clinical Nutrition*.

Qin Y, Cowan AE, **Bailey RL**, Jun S, Eicher-Miller HA. Usual nutrient intakes and diet quality among U.S. older adults participating in the Supplemental Nutrition Assistance Program participants compared to income eligible non-participants

Tripicchio GL, Davey A, **Bailey RL**, Fisher JO. Snack frequency, size, and energy density are associated with diet quality among U.S. adolescents. Under Review, *American Journal of Clinical Nutrition*.

Croce CM, Tripicchio GL, Coffman DL, Davey A, **Bailey RL**, Fisher JO. Association of Weight Status with the Types and Quantities of Foods Consumed at Snacking Occasions Among U.S. Adolescents

Qin Y, Rivera RL, Zhang Y, Wang Q, Maulding MK, Craig BA, Mattes RD, **Bailey RL**, Eicher-Miller HA. The impact of a randomized trial with a Supplemental Nutrition Assistance Program-Education intervention on usual dietary intakes among lower income adults in Indiana. Under Review, *Journal of the Academy of Nutrition and Dietetics*.

Crider KS, Wang A, Potischman N, Rose C, Liwen F, **Bailey RL**, Berry RJ, Chen J, Ma G, Fan J, Feng Y, Yang L, Wang Y, Linet M, Pfeiffer CM, Killian JK, Sampson J, Su LJ. Periconceptual folic acid supplementation and DNA methylation patterns in adolescents. Under review

Sauder KA, PhD, Couzens GL, **Bailey RL**, PhD, MPH; Hockett C, Switkowski KM, Lyall K, Kerver JM, Dabelea D, Maldonado LE, O'Connor TG, Deoni SCL, Glueck DH, Catellier DJ, on behalf of program collaborators for Environmental influences on Child Health Outcomes. Under Review, Selecting a dietary supplement that optimizes intake of six key micronutrients in pregnancy.

Cowan AE, Tooze JA, Gahche JJ, Eicher-Miller HA, Guenther PM, Dwyer JT, Potischman N, Bhadra A, Carroll R, **Bailey RL**. Under Review, Trends in Dietary Supplement Use in the U.S.

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## BOOK CHAPTERS

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8. **Bailey RL**, Jun S, Eldridge AL. The 2016 Feeding Infants and Toddlers Study (FITS): Dietary intakes and practices of children in the United States, Birth to 48 months in the United States. *Nurturing a Healthy Generation of Children: Research Gaps and Opportunities; Nestlé Nutrition Institute Workshops Series* (Henry CJ, Nicklas TA, Nicklaus S. Editors). Basel, Switzerland: S. Karger AG., 2019, 19: 99-109. <https://doi.org/10.1159/000493701>

7. **Bailey RL**, Thuppall SV, Sherif K, Denby N, Steinbaum S, Haycock B, Cowan AE, Neiters J, von Schacky C. No relationship between serum 25 (OH) vitamin D concentrations and perceptions of vitamin D dietary intake adequacy in U.S. and German adults not using dietary supplements. *Nutritional Influences on Bone Health. Nutritional Influences on Bone Health* (Weaver C., Bischoff-Ferrari H., Daly R., Wong MS. Editors). Cham, Switzerland: Springer, 2019. [https://doi.org/10.1007/978-3-319-98464-3\\_20](https://doi.org/10.1007/978-3-319-98464-3_20)

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#### SELECTED ORAL PRESENTATIONS\*

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\* Dr. Bailey has been an author on more than 100 national and international poster presentations that are not included in this CV. *Presentations in italics were held virtually due to the COVID-19 pandemic.*

71. **Bailey RL**. The Use of Dietary Supplements during Pregnancy: A Case Study for Precision Nutrition. 2nd International Conference on Precision Nutrition and Metabolism in Public Health and Medicine. Rhodes, Greece. October 2021.

70. **Bailey RL**. *Dietary Supplement Use by Americans: Trends and Changes Over Time. NIH Office of Dietary Supplements 25th Anniversary Scientific Symposium. October 2021.*

69. **Bailey RL**. *Ethical Implications of Dietary Supplement Sales and Recommendations. Academy of Nutrition and Dietetics Annual Meeting, October 2020.*

68. **Bailey RL**. Diversity in nutrient intakes among pregnant and lactating women. Council for Responsible Nutrition, Science in Session: Laguna Niguel, CA. October 2021.

67. **Bailey RL**. *Scanning For New Evidence On Riboflavin To Support A Dietary Reference Intake Review: National Academy of Science, Engineering, and Medicine, July 2021.*

66. **Bailey RL**. *The 2020-2025 Dietary Guidelines for Americans: From Process to Policy. The Nutritional Epidemiology GEM Forum Keynote at American Society for Nutrition Annual Meeting: June 2021.*

65. **Bailey RL**. *An overview of dietary supplement use in the United States. National Institutes of Health: Bethesda, MD. May, 2021.*

64. **Bailey RL**. *Insights from national survey data on dietary factors related to chronic diseases of aging. Klingenstein-Pritchard Endowed Seminar Speaker, Division of Nutritional Sciences at Cornell University: May, 2021.*

63. **Bailey RL**. *How Future Research Needs Were Identified and How This Research May Inform Future Dietary Guidelines. American Society for Nutrition. February 2021.*

62. **Bailey RL**. *2020 Dietary Guidelines Advisory Committee: Let's Talk About the Evidence. Academy of Nutrition and Dietetics, Food & Nutrition Conference. October 2020.*

61. **Bailey RL**. *The Dietary Guidelines: Process and Evidence Review. Rollins School of Public Health, Emory University. October 2020.*

60. **Bailey RL**. *The State of the American Diet. October, 2020. Academy of Nutrition and Dietetics Annual Meeting, October 2020.*

59. **Bailey RL**. *The American Diet: What is missing? Amazon. September 2020.*

58. **Bailey RL**. Dietary supplement use and its micronutrient contribution during pregnancy and lactation in the United States. National Academy of Science, Engineering, and Medicine. January 2020.

57. **Bailey RL**. Fortification and the American diet. Academy of Nutrition and Dietetics Annual Meeting: Philadelphia, PA. October 2019.

56. **Bailey RL**. Invited discussant: Biological effects of increased levels of folate/folic acid on vitamin B12 interactions as supported by current evidence. National Institutes of Health. Bethesda, MD. August 2019.

55. **Bailey RL**. Total usual dietary intakes of pregnant women in the United States, 2001 – 2014. American Society for Nutrition Annual Meeting: Baltimore, MD. June 2019.

54. **Bailey RL**. Nutrition: Birth to 24 months. Council for Responsible Nutrition, Day of Science: Laguna Niguel, CA. October 2018.

53. **Bailey RL.** Best practices for observational research on nutrition and bone. American Society of Bone and Mineral Research, Nutrition and Bone Working Group: Montreal, Canada. September 2018.
52. **Bailey RL.** A conceptual framework for nutrition and bone. Rank Prize Fund Symposium on Dairy Products and the Life Cycle. Grasmere, United Kingdom. September 2018.
51. **Bailey RL.** The Relationship between income and micronutrient status. American Society for Nutrition Annual Meeting: Boston, MA. June 2018.
50. **Bailey RL.** An overview of dietary supplement use in the United States. National Institutes of Health: Bethesda, MD. May 2018.
49. **Bailey RL.** Defining hidden hunger in the context of aging and obesity in the U.S. New York Academy of Science: Washington, DC. March 2018.
48. **Bailey RL.** What American Children Eat. Nurturing a healthy generation of children: Research gaps and opportunities: Manila, The Republic of the Philippines. March 2018.
47. **Bailey RL.** Data to Inform the B-24 Dietary Guidelines. Indiana University, Public Health Colloquium, Bloomington, IN. February 2018.
46. **Bailey RL.** Guidelines for prospective trials of nutrition and bone. The International Society for Nutritional Aspects of Osteoporosis: Hong Kong, China. November 2017.
45. **Bailey RL.** Patterns of sugar intake in infants and toddlers. International Congress of Nutrition: Buenos Aires, Argentina. October 2017.
44. **Bailey RL.** How dietary supplements contribute to nutrient intakes. An invited presentation to the Congressional Dietary Supplement Caucus to inform the 115th Congress on the proposed, H.R.3841 - SNAP Vitamin and Mineral Improvement Act of 2017: Washington, D.C. September 2017.
43. **Bailey RL.** An overview of dietary supplement use in the United States. National Institutes of Health: Bethesda, MD. June 2017.
42. **Bailey RL.** The role of MVMs in the U.S. diet. Experimental Biology: Chicago, IL. April 2017.
41. **Bailey RL.** Feeding Infants and Toddlers 2016: Total usual nutrient intakes from all sources. Experimental Biology: Chicago, IL. April 2017.
40. **Bailey RL.** Total nutrient intakes of U.S. infants, toddlers, and children. George Washington Milken School of Public Health: Washington, D.C. January 2017.
39. **Bailey RL.** Understanding the Use of Dietary Supplement Use in Older Adults. Purdue University Center on Aging and the Life Course Colloquium Series: West Lafayette, IN. December 2016.
38. **Bailey RL.** Perceptions versus biomarkers of omega-3 fatty acids and vitamin D in the United States. Global Nutrition and Health Alliance: London, United Kingdom: October 2016.
37. **Bailey RL.** Dietary supplement use in the United States. West Virginia University Clinical and Translational Research Seminar Series: Morgantown, WV. June 2016.
36. **Bailey RL.** Understanding dietary and clinical data: A folate case study. International Vitamin Conference: Copenhagen, Denmark. May 2016.
35. **Bailey RL.** Dietary patterns and health outcomes, part of "Big data and other innovative approaches to understanding dietary patterns and health symposium". Experimental Biology: San Diego, CA. April 2016.
34. **Bailey RL.** The Value of Self-Report Dietary Data: Challenges Related to Data Collection, Analysis, and Interpretation of Self-Reported Energy. Purdue University Ingestive Behavior Journal Club: West Lafayette, IN. April 2016.
33. **Bailey RL.** Why Americans Use Dietary Supplements. Purdue University Health and Kinesiology Colloquium: West Lafayette, IN. March 2016.
32. **Bailey RL.** Are we insufficient? An overview of dietary intakes of Americans. 13<sup>th</sup> Scripps Conference: San Diego, CA. January 2016.

31. **Bailey RL.** Dietary patterns in the United States. International Life Sciences Institute Annual Meeting, One ILSI Session: St. Petersburg, FL. January 2016.
30. **Bailey RL.** Nutritional prevention of cognitive decline. Council for Responsible Nutrition Annual Meeting: Palm Springs, CA. October 2015.
29. **Bailey RL.** Sources of folic acid, supplement use, and the relationship between intake and blood levels, NIH National Institute of Environmental Health Science, national toxicology program expert panel “Identifying research needs for assessing safe use of high intakes of folic acid”: Bethesda, MD. May 2015.
28. **Bailey RL.** Dietary Intakes of Micronutrients: Data from Infants and Children in the United States. Nestle Nutrition Day of Science: Freemont, MI. April 2015.
27. **Bailey RL.** Racial differences and the impact of nutrition in osteoporosis and cardiovascular disease, “Improving cardio-skeletal health by exploring the heart - bone connection symposium” held at Experimental Biology: Boston, MA . March 2015.
26. **Bailey RL.** The Role of B-vitamin and homocysteine in cognitive function. ILSI North American workshop, “Defining healthy aging: From science to practice, the link to diet and nutrition” held in conjunction with Gerontological Society of America’s Annual Meeting: Washington, D.C. November 2014.
25. **Bailey RL.** The epidemiology of global micronutrient deficiency. Roundtable on Health Economics held in conjunction with International Society for Pharmacoeconomics and Outcomes Research: Beijing, China. September 2014.
24. **Bailey RL.** Homocysteine and bone mineral density and fracture risk. International Nutrition and Diagnostics Conference: Prague, Czech Republic. September 2014.
23. **Bailey RL.** The impact of fortification in the U.S. diet: A case study in children. John A Milner, International Life Sciences Institute Saturday Symposium at Experimental Biology: San Diego, CA. April 2014.
22. **Bailey RL.** Roadmap to Government. Young and post-doctoral Research Interest Section symposium at Experimental Biology: San Diego, California. April 2014.
21. **Bailey RL.** Micronutrients in food and supplements: how good is our U.S. diet? A Celebration of the “100th Anniversary of the Discovery of Vitamins Symposium”: Baltimore, MD. December 2013.
20. **Bailey RL, Looker A, Gahche JJ, Mills J, Weaver CM.** Homocysteine and bone mineral density in older females in the United States. The 9<sup>th</sup> International Conference of Homocysteine and One-Carbon Metabolism: Dublin, Ireland. September 2013.
19. **Bailey RL.** Keynote Address: Are we formulating our supplements correctly? Council for Responsible Nutrition Annual Meeting: Park City, UT. September 2013.
18. **Bailey RL.** Invited Panelist: “Workshop on Potential Health Hazards Associated with Consumption of Caffeine in Food and Dietary Supplements”. National Academy of Sciences, Institute of Medicine: Washington, D.C. August 2013.
17. **Bailey RL, Gahche JJ, Saldanha L, Dwyer JT.** Caffeine in energy drinks and dietary supplements in the “National Institutes of Health, Energy Drinks Workshop”: Bethesda, MD. August 2013.
16. **Bailey RL.** The B-vitamin status of the U.S. population: Data from the National Health and Nutrition Examination Survey. Department of Nutritional Sciences Seminar Series: West Lafayette, IN. March 2013.
15. **Bailey RL.** Dietary supplement use in the U.S. National Cancer Institute, Division of Cancer Epidemiology and Genetics Seminar Series: Bethesda, MD. February 2013.
14. **Bailey RL.** The use of dietary supplement in the United States. National Center for Health Statistics, Division of Health and Nutrition Examination Surveys Seminar Series: Hyattsville, MD. January 2013.
13. **Bailey RL.** Monitoring Folate and Vitamin B-12 Status in the U.S. October 2012. The Pennsylvania State University, Department of Nutrition Sciences Colloquium Series: University Park, PA. October 2012.



12. **Bailey RL.** Prevalence, Predictors, and Motivations for Use of Dietary Supplements in the U.S. Nutrition Seminar Series for the Department of International Health's Program in Human Nutrition at the Bloomberg School of Public Health at Johns Hopkins University: Baltimore, MD. October 2012.
11. **Bailey RL.** Modeling an MMA-derived inflection point for serum vitamin B-12 in the U.S. The Vitamin B-12 Congress: Nancy, France. September 2012.
10. **Bailey RL.** Impact and measurement of unmetabolized folic acid in fortified populations. FASEB Summer Research Conference on Folate, B-12, and One Carbon Metabolism: Crete, Greece. July 2012.
9. **Bailey RL.** The use of Dietary Reference Intakes for determining nutrient adequacy and excess. Institute of Food Technologists Annual Meeting: Las Vegas, NV. June 2012.
8. **Bailey RL.** The Challenge of intake distributions: Dealing with the tails, International Life Sciences Institute-North America, Fortification Committee Meeting: Washington, D.C.. June 2012.
7. **Bailey RL.** Dietary supplement use in the U.S.: characteristics and motivations of use. International Conference on Dietary and Physical Activity Assessment Methods (ICDAM8): Rome, Italy. May 2012.
6. **Bailey RL.** Determinants of plasma methylmalonic acid in the United States. International Vitamin Conference: Copenhagen, Denmark. May 2012.
5. **Bailey RL.** Folate and cancer prevention. National Institutes of Health, National Cancer Institute: Bethesda, MD. March, 2012.
4. **Bailey RL.** Dietary supplement use in women. The Academy of Nutrition and Dietetics, Women's Health Dietetics Practice Group: Webinar. February 2012.
3. **Bailey RL.** Nutrient intakes of users and non-users of dietary supplements. International Life Sciences Institute's Annual Meeting: Phoenix, AZ. January 2012.
2. **Bailey RL.** Estimating usual total nutrient intake distributions from diet and supplements. National Cancer Institute's "Measurement Error Webinar Series". October 2011.
1. **Bailey RL.** Folate and cancer prevention. National Institutes of Health, National Cancer Institute: Bethesda, MD. March 2011.

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#### **GRANT AND RESEARCH FUNDING (academic career)**

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Award Dates:	1/15/2022-1/14/2027
Funding Source:	USDA, National Institute of Food and Agriculture
Role:	Co-Investigator
Title:	Maximizing the impact of nutrition education to meet the dietary quality and food security needs of children and parents
Award Dates:	8/1/2021-8/31/2023
Funding Source:	Angelman Syndrome Foundation
Role:	Co-Investigator
Title:	Ingestive behaviors and gut microbiota in children with Angelman syndrome
Award Dates:	2/1/2020-12/31/2022
Funding Source:	University of Kentucky
Role:	Co-Investigator
Title:	Diet, Health and Access to Resources among Senior, Rural, Midwestern Food Pantry Clients
Award Dates:	7/1/2019-6/30/2021
Funding Source:	Purdue University, Discovery Park
Role:	Co-Investigator
Title:	From Cell Cultures to Community Cultures: Bringing Precision Health to Autism
Award Dates:	9/1/2019-5/31/2022
Funding Source:	USAID

Role: Co-Investigator  
Title: Feed the Future: Food Processing Innovation Laboratory (Senegal and Kenya)

Award Dates: 6/15/2017-5/31/2021  
Funding Source: NIH, National Cancer Institute  
Role: Principal Investigator  
Title: Development of a Total Nutrient Index

Award Dates: 9/2018  
Funding Source: Think Healthy Group  
Role: co-Principal Investigator  
Title: Nutrition across Menopause in the SWAN cohort

Award Dates: 6/2017- 6/2018  
Funding Source: Indiana CTSI  
Role: Principal Investigator  
Title: Diet Assessment in the Berries and Bone Study

Award Dates: 5/2017 – 2/2022  
Funding Source: Purdue University  
Role: Faculty Scholar  
Title: Showalter Faculty Scholar

Award Dates: 2017  
Funding Source: NIH NHLBI/ODS  
Role: co- Principal Investigator  
Title: Racial Differences in Bone Turner Markers in Response to Dietary Intervention in Adolescents.

Award Dates: 2/2016  
Funding Source: Tonic Life Communications  
Role: Principal Investigator  
Title: Dietary perceptions of omega-3 fatty acids and vitamin D

Award Dates: 10/2015  
Funding Source: Purdue University, Office of the Provost  
Role: Team Lead  
Title: Community Building Proposal for the Public Health and Disease Prevention Faculty

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## PROFESSIONAL AFFILIATIONS

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- Academy of Nutrition and Dietetics (#883176), 1996-Present
- American Society for Nutrition (ASN, #15411), 2002-Present
  - Appointed to Board of Directors, 2021
  - Member, Implementation Advisory Group: Trust in Nutrition Science, 2019-2021
  - Member, Scientific Program Committee, 2018-2019
  - Member, Finance Committee, 2017-2021
  - Member, Nutritional Epidemiology Research Interest Section, 2007-present
    - Executive Committee, 2009-2015
  - Advisor, Young Professional and Postdoctoral Research Interest Section, 2009-2012
  - Member, Aging and Chronic Disease Research Interest Section, 2008-present
  - Member, Vitamins and Minerals Research Interest Section, 2014-present
    - Secretary, 2016-2018
    - Chair, 2018-2019
  - Chair, Student Research Interest Section, 2005-2007
- American Public Health Association (#9963435), 2013-Present
- Academy of Nutrition and Dietetics (#883176), 1996-Present
- Society for Epidemiological Research (2019-present)
- The Pennsylvania State University, Nutrition and Dietetic Alumni Society, 2007-present

- International Life Sciences Institute, North America: Fortification Committee, 2012-2017
- International Life Sciences Institute, North America: Food, Nutrition & Safety Program, 2011 - 2014
- Dannon Nutrition Alumni Association, 2011- present
  - Treasurer, 2012-2015

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## TEACHING

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- Purdue University, NUTR330: Diet Selection and Planning, Fall and Summer, 2015-present
  - Average student rating: 4.7/5
  - IMPACT Fellow, Spring 2018
  - Teaching for Tomorrow Award, 2015-2016
- NIH National Cancer Institute Measurement Error Webinar Series. September, 2011.
  - Weblink: <https://epi.grants.cancer.gov/events/measurement-error/>

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## STUDENT AND POST-DOCTORAL TRAINING

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- Doctoral Advisor for Anali Lourdes (2021-present), Purdue University
- Doctoral Advisor for Lisa Graves (2020-present), Purdue University
- Doctoral Advisor for Alexandra Cowan (2019-present), Purdue University
- Master's Advisor for Alexander Cowan (2017-2019), Purdue University
- Doctoral Advisor for Shinyoung Jun (2016-2020), Purdue University
- Undergraduate International Exchange Mentor, Joanne McNulty (Spring 2016)
- Undergraduate International Exchange Mentor, Lisa Murphy (Spring 2019)
- Post-doctoral Research Advisor, Anita Panjwani (2019-2020)
- Post-doctoral Research Advisor, Shinyoung Jun (2020-present)
- Post-doctoral Research Advisor, Sowmyanarayanan Thuppal (2015-2017)

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## MENTORSHIP

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- Dissertation committee member for Cristiana Verissimo (2021-present), Purdue University
- Dissertation committee member for Savannah Froese (2021-present), Purdue University
- Dissertation committee member for Yue Qin (2020-present), Purdue University
- Dissertation committee member for Gretchen Freese (2020-present), Purdue University
- Dissertation committee member for Vinicius Valicente (2020-present), Purdue University
- Dissertation committee member for Lissa Davis (2019-present), Purdue University
- Dissertation committee member for Michael Stone, Nutrition Science, Purdue (2018-2020)
- Dissertation committee member for Elizabeth Stremke, Nutrition Science, Purdue (2018-2020)
- Dissertation committee member for Haley Snell, Nutrition Science, Purdue (2018-present)
- Dissertation committee member for Andrea Lobene (2017-2020), Purdue University
- Dissertation committee member for Kaiyan Chen (2017-2018), Purdue University
- Dissertation committee member for Omer Sermet (2016-2018), Purdue University
- Dissertation committee member for Jennifer Mansfield (2016-2019), Purdue University
- Thesis committee member for Paige Starett (2014-2016), West Virginia University
- Dissertation committee member for Rebecca Riveria (2014-2018), Purdue University
- Dissertation committee member for Yanling Zhao (2014-2018), Purdue University
- Dissertation committee member for Ashley Jacobs (2013-2016), Purdue University
- Dissertation referee for the graduate research of Cynthia Colapinto at the University of Ottawa (2013)
- Provided a sabbatical research experience for Dr. David Gee, Professor of Food Science and Nutrition at Central Washington University (2011-2012). I taught Dr. Gee the statistical programming skills necessary to use complex data sets, which he is now teaching to his graduate students. I coordinated a federal nutrition training program for Dr. Gee at the National Center for Health Statistics and the Agricultural Research Service of the U.S. Department of Agriculture.
- Mentoring relationship with a nutrition undergraduate student, Cara Thomas, through The Pennsylvania State University, Health and Human Development Alumni Mentorship Program (2010-2012).

## HONORS AND AWARDS

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- National Academies of Sciences, Engineering, and Medicine, Committee to Review the Dietary Reference Intakes for Energy, 2022
- Member, Biomarkers of Nutrition for Development (BOND)- KIDS Initiative (NIH/NICHD), 2022
- National Academies of Sciences, Engineering, and Medicine, Dietary Assessment for Older Adults Meeting Committee, 2022
- Member, American Heart Association's Council on Lifestyle and Cardiometabolic Health Nutrition Committee, 2021
- Exceptional Engagement Award, Center on Aging and the Life Course, Purdue University, 2021
- Hall of Distinction, College of Health and Human Services, Indiana University of Pennsylvania, 2021
- Klingenstein-Pritchard Endowed Seminar Speaker, Division of Nutritional Sciences at Cornell University, 2021
- National Academies of Sciences, Engineering, and Medicine, Committee on Scanning for New Evidence on Riboflavin to Support a Dietary Reference Intake Review, 2020-2021
- Elected Member, National Academy of Medicine, 2020
- 2020-2025 Dietary Guidelines Advisory Committee Member, named 2019
  - Chair, Food Patterns Modeling and Data Analysis Working Group
  - Member, Dietary Fats and Seafood Sub-Committee
- Purdue University, Public Health Student Association, Undergraduate Teaching Award, 2018
- Purdue University, Excellence in Research Award, 2017
- NIH/NCI Division of Cancer Control and Population Sciences, Travel Award, 2017
- Purdue University Showalter Faculty Scholar, named 2017
- Distinguished Alumni Award, Pennsylvania State University, 2017
- Invited Faculty Research Spotlight, Purdue President's Council, 2017
- Journal of Nutrition, Most Cited Author in Previous 5 years, 2016
- Teaching Award: Purdue University, Teaching for Tomorrow, 2016
- Scholastic Award: Johns Hopkins Bloomberg School of Public Health, MPH Award, 2013 and 2014
- Scholastic Award: Johns Hopkins Bloomberg School of Public Health, Dean's Award, 2013 and 2014
- Honor Award: National Institutes of Health, Office of the Director, 2013
- Honor Award: National Institutes of Health, Office of the Director, 2012
- Merit Award: National Institutes of Health, National Cancer Institute, 2012
- Distinguished Performance Award: National Institutes of Health, Office of Dietary Supplements, 2009
- Scholastic Award: The Pennsylvania State University, 2006 Graduate Expo Third Place Winner, 2006
- Scholastic Award: The Pennsylvania State University, Grace M. Henderson, 2004
- Travel Award: The Pennsylvania State University, Nutrition and Dietetics Alumni Society, 2006
- Travel Award: The Pennsylvania State University, Student Competitive Research, 2004
- Travel Award: National Institutes of Health, Dietary Supplement Use in Older Adults, 2003
- President, Nutrition Graduate Student Association, Pennsylvania State University, 2003

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## PROFESSIONAL SERVICE

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- Editorial Boards
  - Nutrition Today (2012-present)
    - Supplement Editor, B24 and Sugar for Nutrition Today, 2016-2017
  - Critical Reviews in Food Science and Nutrition (2014-present)
  - Journal of Nutrition, Editorial Board Member (2019-2020)
    - Associate Editor (2020-present)
- Scientific peer reviewer (selected): *Academy of Nutrition and Dietetics, American Journal of Clinical Nutrition, Journal of Nutrition, Journal of the Academy of Nutrition and Dietetics, Nutrients, Nutrition Reviews, PLOS One, Current Developments in Nutrition, Preventative Medicine, JAMA Internal Medicine, BMC Women's Health, British Journal of Nutrition.*
- Review of grants being considered for funding: National Institutes of Health (KNOD Study Section; iData Biospecimen Review Panel), USDA ARS Human Nutrition National Program, Komen Tissue Bank, Academy of Nutrition and Dietetics, Dairy Council, The Egg Board, International Life Sciences Institute Future Leader Award, Purdue AgSEED, Indiana Clinical and Translational Sciences Institute (CTSI)

- **Federal Government Working Groups:** Interagency Committee on Human Nutrition Research (provided guidance on the 2016 National Nutrition Research Roadmap), NIH NHANES Working Group, B-24 Data Needs Working Group, Energy Supplements Working Group, Supplement Intake Project Team. Biomarkers of Nutrition for Development (BOND) Initiative (NIH/NICHHD)
- **External Examiner:** University College, Dublin
- **Board of Trustees:** International Food Information Council Foundation, 2015-Present (co-Chair of the Board, 2021-present); International Life Sciences Institute, North America, 2019-2020
- **Government Liaison:** International Life Sciences Institute, North America: Food, Nutrition & Safety Program, 2011 - 2014
- **Scientific Advisor:** International Life Sciences Institute, North America: Fortification Committee, 2012-2018. Schiff Institute Science and Innovation Advisory Board, 2020-present.
- **Promotion and Tenure External Reviewer:** Cornell, The Ohio State University, University of North Florida, University of South Florida, Fairfield University, Indiana University, Sacred Heart, Texas A&M University, University of Toronto, Indiana University, American University of Beirut, Florida International University, Iowa State University, Pennington Biomedical Research Center, University of California, University of Rhode Island, Baylor University, University of Arkansas, North Carolina State University, Texas A&M University.

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## UNIVERSITY SERVICE

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- Member, Grievance Hearing Committee, Term 2017-2020 (University)
  - Chair, Term 2019-2020
- Member, Faculty Affairs Committee, 2019-present (University)
  - Chair, Term 2021-2022
- Director, International and Study Abroad Programs, Purdue University, 2015-Present (College)
- Director, Dietary Assessment Center, 2015-Present (Department)
- Undergraduate Education Committee, 2016-2020 (Department)
- Alumni Affairs Coordinator, 2015-2017 (Department)
- Faculty Awards Committee, 2015-Present (Department)
- Indiana Clinical and Translation Sciences CRC Oversight Committee (Department), 2016-2018
- Advisory Board, Center on Aging and the Life Course (University), 2016-2019

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## PROFESSIONAL MEETINGS ORGANIZED

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- National Institutes of Health, Dietary Supplement Research Practicum
  - Director and Scientific Coordinator, 2009-2017
- Indiana Public Health Association Annual Meeting
  - Advisory Committee, 2016-2017
- Public Health Symposium, Purdue University
  - Chair of Planning Committee, 2016
- International Life Sciences Institute Annual Meeting
  - Chair of Scientific Planning Committee, 2016
  - Vice Chair of Scientific Planning Committee, 2015
- International Vitamin Conference - Chairperson
  - Washington D.C.: May, 2014
- Not Everything that Counts Can Be Counted, and Not Everything that can be Counted Counts.: How Should we be Collecting Dietary Data for Research? Experimental Biology-Symposium Organizer
  - San Diego, CA: April 2014.
- Nutritional Prevention of Cognitive Decline, Experimental Biology-Symposium Organizer
  - San Diego, CA: April 2012.
- International Conference on Dietary and Physical Activity Assessment Methods – Scientific Planning Committee
  - Washington D.C.: June, 2009
  - Rome, Italy: May 2012
- American Society for Nutrition, Nutritional Epidemiology Webinar Series-Chairperson
  - 2010- Career Paths in Nutritional Epidemiology

- 2011- Hot Topics and Advances in Nutritional Epidemiology