

Emily Tomayko, PhD, RD

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118 D Milam Hall | Corvallis, OR 97331

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CURRENT POSITION

Oregon State University, Corvallis, OR

Assistant Professor, *March 2016-present*

Nutrition, School of Biological and Population Health Sciences

College of Public Health and Human Sciences

EDUCATION, INTERNSHIPS, & TRAINING

University of Wisconsin, Madison, WI

Postdoctoral Fellow, *December 2012-December 2015*

Molecular and Applied Nutrition Training Program (NIH 5T32 DK007665)

Primary Research Areas: *Early childhood obesity, American Indian health, obesity prevention interventions*

Institute of Medicine of the National Academies, Food and Nutrition Board, Washington, DC

Mirzayan Science and Technology Policy Fellow, *August 2012-December 2012*

Projects/Workshops: *Exploring Health and Environmental Costs of Foods; The Human Microbiome, Diet, and Health; Sustainable Diets: Food for Healthy People and a Healthy Planet*

University of Houston, Houston, TX

Dietetic Internship, *January 2012-June 2012*

University of Illinois, Urbana-Champaign, IL

Doctor of Philosophy in Nutritional Sciences, *June 2005-December 2011*

Dissertation: *Diet and Lifestyle Interventions to Improve Comorbid Conditions of Chronic Kidney Disease*

University of Georgia, Athens, GA

Bachelor of Science in Dietetics, *August 2000-May 2005*

Summa Cum Laude, with Highest Honors

Honors Thesis Title: *Effects of the Melanocortin Antagonist Agouti-Related Protein on Energy Metabolism*

GRANT SUPPORT

Active

John C. Erkkila, MD Endowment for Health and Human Performance

Be Orange Health Challenge to Enhance Health and Function for College Students

Amount: \$20,000 (07/01/2018-08/31/2019)

Role: Principal Investigator

Completed

NIH/NHLBI: R01-HL114912-01

Healthy Children, Strong Families: American Indian Communities Preventing Obesity

Adams, A (PI)

\$3,717,781 (2012-2018)

Role: Consultant

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NIH/NIDDK: 5T32DK007665

Molecular and Applied Nutrition Training Program

Eisenstein, R (PI)

Role: Postdoctoral Fellow

Oregon State University Roads Scholar Community Engagement Project Grant

Collaborative project with Confederated Tribes of Warm Springs to provide support for healthy eating within the community

\$2,000 (2016)

Role: Principal Investigator

American College of Sports Medicine Doctoral Student Research Grant

Exercise Training, Vascular Calcification, and CVD Risk in Dialysis

\$5,000 (2010)

Role: Mentored Principal Investigator

American Heart Association Predoctoral Fellowship

Effects of Magnesium on Vascular Calcification and Bone Density in Diabetic Mice

\$52,000 (2007-2009)

Role: Mentored Principal Investigator

Margin of Excellence Research Award, University of Illinois

Departmental awards to support independent student research projects

Varied (2005, 2006, 2007, 2009)

Role: Principal Investigator

Pending

Robert Wood Johnson Foundation Evidence for Action

Effects of Four-Day School Weeks on the Health and Wellbeing of Children and Families

Amount requested: \$298,903

Role: Principal Investigator

Spencer Foundation

Effects of Four-Day School Weeks on Student Achievement and Child and Family Wellbeing

Amount requested: \$500,000

Role: Co-Principal Investigator

RELEVANT WORK EXPERIENCE

American Journal Experts, Senior Editor (*December 2011-March 2016*)

- Edited 400+ scientific manuscripts written by non-native English speakers to assist in the publication of quality research articles in English-language journals

Abbott Nutrition, Research & Development Intern (*July 2011-January 2012*)

- Identified information on feasibility of protein hydrolysate production (*direction of John McEwen*)
- Researched low mineral fortification/chelation for adult nutrition products (*direction of Joe Walton*)
- Prepared policy document on sports nutrition (*direction of Mary Beth Arensberg*)

Kraft Foods/University of Illinois, Research Apprentice Program Team Leader (*Spring/Summer 2010*)

- Led high school group through phases of product development including concept planning, focus group research, product development and testing, budgeting, marketing, and product launch

University of Georgia Food Services, Dietitian's Assistant (*June 2003-May 2005*)

- Managed menu planning and input for campus-wide food service units
- Developed nutrition education materials and relevant media (including graphic design)
- Supported students with food allergies or dietary concerns

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AWARDS & HONORS

American Society for Nutrition Emerging Leaders in Nutrition Science, Finalist (2016)
Science Policy Fellowship, American Society for Nutrition (2015)
Pacesetter Award, University of Georgia, Family and Consumer Sciences (*for early career alumni*, 2015)
American Society for Nutrition Clinical Emerging Leader Award Competition, Finalist (2012)
David H. Baker Nutrition Scholar Award, University of Illinois (2011)
Kraft Foods Graduate Fellowship (2009-2010)
William Rose Endowed Award, University of Illinois (2010)
James L. Robinson Nutrition Impact Award, University of Illinois (2009)
Abbott Nutrition Scholarship for Business Administration for Scientists Certificate Program (2009)
American Society for Nutrition Travel Award for NIH ODS Dietary Supplement Practicum (2008)
Margin of Excellence Travel Award, University of Illinois (2007, 2008, 2010)
Jonathan Baldwin Turner Fellowship, University of Illinois (2005-2007)
Gamma Sigma Delta Honor Society (*Inducted* 2006)
List of Teachers Ranked as Excellent, University of Illinois (*all semesters taught*)
Outstanding Dietetic Student, University of Georgia (2005)
Virginia Wilbanks Kilgore Scholarship, University of Georgia (2004-2005)
Leolene Chapman Montgomery Scholarship, University of Georgia (2003-2004)

PUBLICATIONS & PRESENTATIONS

Peer-reviewed publications (*indicates student)

1. Jeong JH, Biruete A, **Tomayko EJ**, Wu PT, Fitschen P, Chung HR, Ali M, McAuley E, Fernhall B, Phillips SA, Wilund KR. The Effects of Intra-Hemodialytic Oral Protein and Exercise on Physical Function: Results from the Randomized Controlled IHOPE Trial. *Kidney International*. (*accepted March 2019*)
2. **Tomayko EJ**, Godlewski B*, Bowman S, Settersten R, Weber R, Krahn GL. Leveraging Public Health Research to Inform State Legislative Policy that Promotes Health for Families. *Maternal and Child Health* (*epub ahead of print, January 2019*). PMID: 30618021
3. **Tomayko EJ**, Prince RJ, Cronin KA, Kim K, Parker T, Adams AK. The Healthy Children, Strong Families 2 randomized controlled trial improved healthy behaviors in American Indian families with young children. *Current Developments in Nutrition*. (*accepted, November 2018*).
4. Grant VM, **Tomayko EJ**, Prince RJ, Cronin KA, Adams AK. Physical Activity in American Indian Families: Assessing Adult-Child Correlates in Healthy Children Strong Families 2 Study Participants. *Journal of Physical Activity and Health*. 2018 Nov 1; 15(11): 866-873. PMID: 30336717
5. Adams AK, **Tomayko EJ**, Prince RJ, Cronin KA, Kim KM, Carmichael L, Parker T. Predictors of Obesity in American Indian Families with Young Children. *Journal of Nutrition Education and Behavior*. 2018 Sep 18. pii: S1499-4046(18)30678-X. PMID: 30241707
6. Ingram DG, Irish LA, **Tomayko EJ**, Prince RJ, Cronin KA, Parker T, Kim KM, Carmichael L, Grant VM, Sheche JN, Adams AK. Sleep Duration and Obesity in American Indian Children. *Pediatric Obesity*. 2018 Jul; 13(7): 406-412. PMID: 29700995
7. **Tomayko EJ**, Prince RJ, Hoiting J, Braun A, LaRowe T, Adams AK. Evaluation of a multi-year policy-focused intervention to increase physical activity and related behaviors in lower-resourced early care and education settings. *Preventive Medicine Reports*. 2017; 8: 93-100. PMID: 28936391
8. Gunter K, Jackson JJ, **Tomayko EJ**, John DH. Food Insecurity and Physical Activity Insecurity among Rural Oregon Families. *Preventive Medicine Reports*. 2017; 8: 38-41. PMID: 28840095

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9. **Tomayko EJ**, Mosso KL*, Carmichael L, Parker T, Yaroch AL, Adams AK. High household food insecurity and dietary intake patterns in rural and urban American Indian families with young children. *BMC Public Health*. 2017; 17(1):611. PMID: 28666476
10. Howes E*, Boushey CJ, Kerr DA, **Tomayko EJ**, Cluskey M. Image-Based Dietary Assessment Ability of Dietetics Students and Interns. *Nutrients*. 2017; 9:14. PMID: 28178196
11. Berns RM*, **Tomayko EJ**, Cronin KA, Parker T, Adams AK. Development of a Culturally Informed Child Safety Curriculum for American Indian Families. *Journal of Primary Prevention*. 2017; 38:195. PMID: 27913907
12. **Tomayko EJ**, Prince RJ, Cronin KA, Parker T, Kim KM, Grant VM, Sheche JN, Adams AK. Healthy Children, Strong Families 2: a randomized controlled healthy lifestyle intervention for American Indian families designed using community-based approaches. *Clinical Trials*. 2017; 14(2):152-161. PMID: 28064525
13. Spahr C, Wells A, Christens BD, Pollard E, LaGro J, Morales A, Dennis S, Hilgenforf A, Meinen A, Korth A, Gaddis J, Schoeller D, **Tomayko EJ**, Carrel A, Adams AK. Developing a strategy menu for community level obesity prevention. *Wisconsin Medical Journal*. 2016; 115(5):264-268. PMID: 29095589
14. **Tomayko EJ**, Cronin KA, Prince RJ, Adams AK. The Healthy Children, Strong Families randomized trial promotes improvements in nutrition, activity, and body weight in American Indian families with young children. *Public Health Nutrition*. 2016 Oct; 19(15):2850-9. PMID: 27211525
15. LaRowe TL, **Tomayko EJ**, Meinen AM, Hoiting J, Saxler C, Cullen B. Active Early: One-Year Policy Intervention to Increase Physical Activity among Early Care and Education Programs in Wisconsin. *BMC Public Health*. 2016 Jul 20;16:607. PMID: 27439770
16. **Tomayko EJ**, Weinert BA, Godfrey L, Adams AK, Hanrahan LP. Using Electronic Health Records to Examine Disease Risk in Small Populations: Obesity among American Indian Children, Wisconsin, 2007–2012. *Prev Chronic Dis* 2016;13:150479 (selected for Continuing Medical Education credit through Medscape). PMID: 26916900
17. **Tomayko EJ**, Flood TL, Tandias A, Hanrahan LP. Linking electronic health records with community-level data to understand childhood obesity risk. *Pediatric Obesity*. 2015;10(6):436-41. PMID: 25559099
18. Flood TL, Zhao YQ, **Tomayko EJ**, Tandias A, Carrel AL, Hanrahan LP. Electronic Health Records and Community Health Surveillance of Childhood Obesity. *Am J Prev Med*. 2015;48(2):234-40. PMID: 25599907
19. **Tomayko EJ**, Kistler BM, Fitschen PJ, Wilund KR. Intradialytic protein supplementation reduces inflammation and improves physical function in hemodialysis patients. *J Renal Nutr*. 2015; 25(3):276-83. PMID: 25455421
20. **Tomayko EJ**, Cachia AJ, Chung HR, Wilund KR. Resveratrol supplementation reduces aortic atherosclerosis and calcification and attenuates loss of aerobic capacity in a mouse model of uremia. *J Med Food*. 2014; 17(2): 278-283. PMID: 24476222
21. Lane AD, Wu PT, Kistler B, Fitschen P, **Tomayko EJ**, Jeong JH, Chung HR, Yan H, Ranadive SM, Phillips S, Fernhall B, Wilund K. Arterial Stiffness and Walk Time in Patients with End-Stage Renal Disease. *Kidney & Blood Pressure Research*. 2013 Apr; 37: 142-150. PMID: 23653111
22. **Tomayko EJ**, Chung HR, Wilund KR. Soy Protein Diet and Exercise Training Increase Relative Bone Volume and Enhance Bone Microarchitecture in a Mouse Model of Uremia. *Journal of Bone and Mineral Metabolism*. 2011 Nov; 29(6): 682-90. PMID: 21638017
23. Wilund KR, **Tomayko EJ**, Wu PT, Chung HR, Vallucrupalli S, Lakshcminarayanan B, and Fernhall B. Intradialytic Exercise Training Reduces Oxidative Stress and Epicardial Fat. *Nephrology Dialysis Transplantation*. 2010 Aug; 25(8): 2695-701. PMID: 20190243

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24. Heffernan KS, Jae SY, **Tomayko EJ**, Ishaque MR, Fernhall B, Wilund KR. "Influence of arterial wave reflection on carotid blood pressure and intima-media thickness in older endurance trained men and women with pre-hypertension." *Clinical Physiology and Functional Imaging*. 2009. PMID: 19236433
25. Wilund KR, Feeney LA, **Tomayko EJ**, Weiss EP, Hagberg JH. Effects of endurance exercise training on markers of cholesterol absorption and synthesis. *Physiol Res*. July 25 2008. PMID: 18656998
26. Wilund KR, **Tomayko EJ**, Evans EM, et al. Physical activity, coronary artery calcium, and bone mineral density in elderly men and women: a preliminary investigation. *Metabolism*. Apr 2008; 57(4): 584-591. PMID: 18328364
27. Wilund KR, Feeney LA, **Tomayko EJ**, et al. Endurance Exercise Training Reduces Gallstone Development in Mice. *J Appl Physiol*. Jan 10 2008. PMID: 18187606

Reports

28. IOM (Institute of Medicine), 2012. Workshop Summary: The Human Microbiome, Diet, and Health. Washington, DC: The National Academies Press; Pray L, Pillsbury L, **Tomayko EJ** (Rapporteurs).

Manuscripts Submitted/Under Review

29. **Tomayko EJ**, Miller A*, Street EM*, Chase T*, Ho E. Effectiveness of a tracking-based wellness challenge to promote healthy behavior change among participating worksite employees (*submitted to Journal of Primary Prevention, May 2019*)
30. Thompson PN, Gunter KB, Schuna JM, **Tomayko EJ**. Are All Four-Day School Weeks Created Equal? A Descriptive Analysis of Four-Day School Weeks Across the United States, 1999-2019 (*revisions requested, Education Finance and Policy, August 2019*)
31. Grant VM, Kingfisher RD, **Tomayko EJ**. Assessing obesity risk factors with objective measures of sleep and physical activity, and self-report screen time in urban American Indian children in the 6th-8th grade in a Northwest Montana community (*submitted to Preventive Medicine, August 2019*)
32. **Tomayko EJ**, Schuna JM, Gunter KB, Thompson PN. Effects of Four-Day School Weeks on Physical Education Exposure and Childhood Obesity (*submitted to American Journal of Health Promotion, August 2019*)
33. Street EM*, Cluskey MM, **Tomayko EJ**. Efficacy of a wellness-focused health challenge among college students on the quarter system: lessons learned (*submitted to American Journal of College Health, August 2019*)

Manuscripts in Preparation

34. **Tomayko EJ**, Street EM, Hingle M, Going S, Tovar A, Sutter C, Howe C, Hubbs-Tait L. Parental/caretaker involvement in diet and physical activity interventions to prevent obesity: an umbrella review.
35. **Tomayko EJ**, Schuna JM, Gunter KB, Thompson PN. Effects of four-day school weeks on health and risk behaviors of adolescents.

Conference Abstracts (*local, national, and international; * indicates student*)

1. Adams AK, Webber E, Tomayko EJ. Turtle Island Tales: A Story-Based Program to Promote American Indian Family Wellness. Seeds of Native Health: Fourth Annual Conference on Native Nutrition, Prior Lake, MN. September 2019. Workshop (presented twice).
2. Davis O, Sanders R, Wilson T, **Tomayko EJ**. Traditional Foods Project of the Warm Springs Confederated Tribes. Oregon State University, Family and Community Health Extension 2019 Spring Conference. Corvallis, OR. March 2019. Poster presentation.

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3. Street EM*, Miller A*, Chase TT*, Ho E, **Tomayko EJ**. Efficacy of the Wellness Focused “Be Orange Challenge” with Online Tracking to Promote Healthy Behavior Change. American Society for Nutrition, Nutrition 2018. Boston, MA. June 2018. Poster presentation.
4. **Tomayko EJ**, Miller ASG*, Heun MB*, Chase TT*, Ho E. Efficacy of The Wellness Focused Be Orange Challenge with Online Tracking to Promote Healthy Behavior Change. 2017 Oregon Public Health Association Annual Conference & Meeting. Corvallis, OR. October 2017. Poster presentation.
5. **Tomayko EJ**, Adams AK, Prince RJ, Cronin KA, Parker T, Kim KM, Grant V. Healthy Children, Strong Families 2: Randomized Healthy Lifestyle Intervention for American Indian Families. Seeds of Native Health: Second Annual Conference on Native Nutrition, Prior Lake, MN. September 2017. Invited oral presentation. <https://seedsofnativehealth.org/resource-center-2017-presentations/>
6. **Tomayko EJ**, Prince RJ, Cronin KA, Adams AK. Improved dietary pattern in American Indian families after the Healthy Children, Strong Families 2 healthy lifestyle intervention. International Society for Behavioral Nutrition and Physical Activity 2017. Victoria, BC, Canada. June 2017. Poster presentation.
7. Gunter KB, Jackson J, **Tomayko EJ**, John DK. Food Insecurity and Physical Activity Insufficiency among Rural Oregon Families. American College of Sports Medicine 64th Annual Meeting, 9th World Congress on Exercise is Medicine®. Denver, CO. May-June 2017. Poster presentation.
8. **Tomayko EJ**. Healthy Children, Strong Families: Obesity Prevention in Five Tribal Communities. Prevent Cancer Foundation, McLean, VA. April 2017, Invited oral presentation. <https://preventcancer.org/conferences/dialogue-for-action/2017-presentations/>
9. **Tomayko EJ**, Cronin KA, Prince RJ, Adams AK. High Household Food Insecurity Impacts Dietary Patterns in Rural and Urban American Indian Families with Young Children. Experimental Biology 2016, San Diego, CA. Oral presentation and poster presentation for the American Society for Nutrition *Emerging Leaders in Nutrition Science* Poster Competition <https://meeting.nutrition.org/2016//wp-content/uploads/2012/12/Emerging-Leader-Poster-Competition-Finalists.pdf>
10. Grant VM, Prince RJ, Cronin K, Carmichael L, **Tomayko EJ**, Adams AK. Assessing Adult and Child Correlates of Physical Activity in the Healthy Children, Strong Families Intervention. American College of Sports Medicine 63rd Annual Meeting, Boston, MA. June 2016. Poster presentation.
11. **Tomayko EJ**, Bryant A, Prince RJ, Hoiting J, Braun A, Adams AK. Efficacy of the *Active Early* intervention to increase physical activity and related behaviors in early care and education settings in US underserved communities. International Society for Behavioral Nutrition and Physical Activity Annual Meeting. Edinburgh, Scotland. June 2015. Poster presentation.
12. Cronin KA, Adams AK, Prince RJ, Parker T, **Tomayko EJ**, Sheche JN, Goniou N. The Use of Mobile and Social Media Messaging in a Randomized Obesity Prevention Trial for American Indian Families with Preschool-Aged Children. International Society for Behavioral Nutrition and Physical Activity Annual Meeting. Edinburgh, Scotland. June 2015. Poster presentation.
13. Adams AK, Cronin KA, Prince RJ, **Tomayko EJ**, Berns R, Kim KM. A Multisite 2-Arm Randomized Obesity Prevention Trial for American Indian Families with Preschool-Aged Children. International Society for Behavioral Nutrition and Physical Activity Annual Meeting. Edinburgh, Scotland. June 2015. Poster presentation.
14. **Tomayko EJ**, Martin SM. A comprehensive peer-competition 'health challenge' model with online tracking promotes healthy behavior change. American Society for Nutrition Clinical Conference, December 2014. Poster presentation.
15. Lamers LM, Waukau JL, Waukau WD, **Tomayko EJ**, Piper DL, Adams AK, and the Menominee Community Engagement Committee. Youth Obesity Surveillance in a Wisconsin Tribal Community. International Symposium on Minority Health & Health Disparities, December 2014. Poster presentation.

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16. Adams AK, Waukau WD, Waukau JL, Krueger S, **Tomayko EJ**, Cronin KA, Prince RJ, Lamers L. Menominee Journey to Wellness: A Long-Term Obesity Prevention Partnership for American Indian Children and their Families. The Obesity Society Annual Meeting, November 2014. Poster presentation.
17. **Tomayko EJ**, Flood TL, Tandias A, Buckingham WR, Hanrahan LP. Electronic health records identify community-specific risk factors for childhood obesity. FASEB J April 2014 28:130.2. Oral presentation.
18. **Tomayko EJ**, Cronin KR, Prince RJ, Adams AK. Low Recognition of Early Childhood Weight Status among American Indian Caregivers. Spirit of EAGLES National Conference October 2013 and The Obesity Society Annual Meeting November 2013. Oral presentation.
19. **Tomayko EJ**, Yudell BJ, Jeanes E, Kistler BM, Fitschen PJ, Jeong JH, Wu PT, Chung HR, Evans EM, Wilund KR. Intradialytic Protein Supplementation Improves Co-Morbid Disease Risk in Hemodialysis Patients FASEB J March 29, 2012 26:387.4. Experimental Biology, San Diego, CA, April 2012. Oral presentation for American Society for Nutrition *Clinical Emerging Leaders Award* Competition.
20. **Tomayko EJ**, Wu PT, Chung HR, Fitschen PJ, Kistler BM, Yudell BJ, Jeanes E, Phillips S, Fernhall B, Wilund KR. Intradialytic Protein Supplementation Attenuates Dialysis-Associated Inflammation and Reduces Co-Morbid Disease Risk. American Society of Nephrology Annual Meeting, Philadelphia, PA, November 2011. Poster presentation.
21. **Tomayko EJ**, Chung HR, Evans E, Wilund KR. Lower protein intake on dialysis treatment days associated with physical functioning and bone health in hemodialysis patients. International Congress on Renal Nutrition and Metabolism, Lausanne, Switzerland, May 2010. G106. Poster presentation.
22. Wu PT, **Tomayko EJ**, Chung HR, Wilund K, Fernhall B. Relationship between Diabetes Mellitus, Physical Function and Cardiovascular Risk in Hemodialysis Patients. Medicine and Science in Sports and Exercise 42(5): S380, May 2010. American College of Sports Medicine 57th Annual Meeting. Baltimore, MD. Poster presentation.
23. Chung HR, **Tomayko EJ**, Wu PT, Wilund KR. Resveratrol and Exercise May Improve Kidney Disease Co-morbidities in a Model of Uremia. Medicine and Science in Sports and Exercise 42(5): S232, May 2010. American College of Sports Medicine 57th Annual Meeting. Baltimore, MD. Poster presentation.
24. **Tomayko EJ**, Wu PT, Chung HR, Fernhall B, Evans EM, McAuley E, Wilund KR. Body composition is associated with physical function and quality of life in hemodialysis patients FASEB J April 6, 2010 24:742.9. Experimental Biology, Anaheim, CA. Poster presentation.
25. Wilund KR, **Tomayko EJ**, Wu E, Chung HR, Vallurupalli S, Cachia A, Cortez F, Masinelli A, Fernhall B. Efficacy of Intradialytic Cycling on CVD Risk and Oxidative Stress in Hemodialysis Patients. J. Amer Soc Nephrology 20(11): S147. November 2009. American Society of Nephrology Renal Week. San Diego, CA. Poster presentation.
26. **Tomayko EJ**, Chung HR, Cachia AJ, Wilund KR. Combination of Exercise and Soy Protein Improves Bone Measures and Vascular Calcification in Uremic Mice. 627 Medicine & Science in Sports & Exercise. 41(5):32-33, May 2009. American College of Sports Medicine 56th Annual Meeting, Seattle, WA. Oral presentation.
27. Wilund KR, **Tomayko EJ**, Wu E, Chung HR, Vallurupalli S, Cachia A, Cortez F, Masinelli A, Fernhall B. Inflammatory Response to Exercise Training in Chronic Kidney Disease. Medicine and Science in Sports and Exercise 41(5): 42, May 2009. American College of Sports Medicine 56th Annual Meeting, Seattle, WA. Oral presentation.
28. Wu PT, **Tomayko EJ**, Chung HR, Cachia AJ, Cortez FT, Fahs CA, Rossow LM, Fernhall B, Vallurupalli S, Wilund KR. Efficacy of Intradialytic Cycling on Physical Performance and Cardiovascular Disease Risk in Hemodialysis Patients. Medicine & Science in Sports & Exercise. 41(5):S24, May 2009. American College of Sports Medicine 56th Annual Meeting, Seattle, WA. Oral presentation.
29. **Tomayko EJ**, Evans EM, Fernhall B, Wilund KR. Physical Activity, Coronary Artery Calcium, and Bone Mineral Density in Elderly Men and Women 1856:20 Medicine & Science in Sports & Exercise.

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- 40(5):S317, May 2008. American College of Sports Medicine 55th Annual Meeting. Indianapolis, IN. Poster presentation.
30. Chung HR, Feeney LA, **Tomayko EJ**, Wilund KR. Endurance Exercise Training and gallstone development in Mice. *Medicine and Science in Sports and Exercise* 40(5): S291, May 2008. American College of Sports Medicine 55th Annual Meeting. Indianapolis, IN. Poster presentation.
31. Wilund KR, Feeney LA, **Tomayko, EJ**, Hagberg JM. Effect of Endurance Exercise Training on Markers of Cholesterol Absorption and Synthesis. *Medicine & Science in Sports & Exercise*. 40(5):S290, May 2008. American College of Sports Medicine 55th Annual Meeting. Indianapolis, IN. Poster presentation.
32. **Tomayko EJ**, Mullen K, Heffernan K, Feeney L, Evans EM, Fernhall B, Wilund KR. The Effects of Physical Activity on Arterial Structure and Function in Older Adults *FASEB J*. 2007 21:706.18. Experimental Biology, Washington, DC, April-May 2007.
33. Wilund KR, Feeney LA, **Tomayko EJ**. Effect of Exercise Training on Aortic Gene and Protein Expression. *The FASEB Journal* 21(6): A933, 2007. Experimental Biology, Washington, DC, April-May 2007.

Selected Non-Conference Talks, Seminars, and Guest Lectures

34. The Role of Families and Communities in Childhood Obesity Prevention; Corvallis Rotary Club, May 2019.
35. Healthy Eating. Recurrent lecture to incoming freshman; Oregon State University U-Engage course (October 2016, 2017, 2018; two sessions per year).
36. Health Across the Lifespan: Family and community factors associated with childhood obesity risk. Montana State University, Center for American Indian and Rural Health Equity, Seminar, May 2018.
37. Comprehensive Approaches to Childhood Obesity Prevention. University of Wisconsin, Kinesiology Seminar, February 2018.
38. Community Engaged Approaches to Childhood Obesity Prevention. Moore Family Center Food, Nutrition & Health Update, February 2017: <https://health.oregonstate.edu/moore-center/nutrition-update/2017#tomayko>
39. Tribal-Academic Partnerships to Address Health Equity. Madison, WI. Health Equity Leadership Institute (co-sponsored by Universities of Wisconsin and Maryland), June 2015.
40. Addressing Early Childhood Obesity Using Novel Family-Based Approaches. Palm Springs, CA. Workshop at the National Indian Health Board Tribal Public Health Summit, April 2015.
41. Understanding Childhood Obesity Risk in Underserved Populations. Montana State University, Bozeman, MT. INBRE Seminar, Fall 2014.
42. Lifestyle Interventions to Address the Cycle of Disease and Disability in Hemodialysis Patients. University of Illinois Chicago, Chicago, IL. Nutrition Seminar, Fall 2010.

ADVISING & MENTORING

Oregon State University

Name	Degree	Program	Role	Dates	Research Awards
Erika Howes	MS	Nutrition	Committee Member	2016	
Aimee Miller	BS	Public Health	Honors Thesis Advisor	2016-2108	Outstanding Poster, Honors College
Crystal Dawn	BS	Nutrition	Research Supervisor	2017	
Mikayla Heun	BS	Public Health	Internship Mentor	2017	
Christiana Logan	BS	Nutrition	Honors Thesis Committee	2017-2018	
Elaine Sim	BS	Nutrition	Research Supervisor	2017-2018	Jason Seeley Scholarship
Kelly Longway	PhD	HDFS	Committee Member	2017-	

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Maddison Greaves	PhD	HPHB	Committee Member	2017-	
Ellen Street	PhD	Nutrition	Primary Advisor	2017-	FASEB Mentored Travel Award, internal awards
Lauren Chan	PhD	Nutrition	Rotation Advisor	2018	
Evan Hilberg	PhD	Kinesiology	Committee Member	2018-2019	
Minarva Craig	MPH	Global Health	Research Supervisor	2018-2019	
Madison Cowles	BS	Nutrition	Research Supervisor	2018-2019	
Natalie Shaffer	BS	Nutrition	Research Supervisor	2018-2019	
Joshua Bowen	BS	Nutrition	Research Supervisor	2018-2019	
Niki Bagasani	BS	Nutrition	Research Supervisor	2018-2019	
Dana Robertson	BS	Nutrition	Honors Thesis Advisor	2018-2019	
Geoffrey Harger	MPH	Epidemiology	Practicum Supervisor	2019	
Madeleine Smith	BS	Anthropology/ Economics	Research Supervisor	2019-	
Seungbin Kim	PhD	Health Policy	Committee Member	2019-	
Hannah Escobar	BS	HDFS	Honors Thesis Committee	2019	

University of Wisconsin

<i>Name</i>	<i>Degree</i>	<i>Program</i>	<i>Role</i>	<i>Dates</i>	<i>Research Awards</i>
Ryan Berns	MPH	Public Health	Research Supervisor	2013-2015	
Katie Berns	BS	Nutrition	Research Supervisor	2013-2015	Healthy Food Systems Conference Poster Award
Alexandra Bryant		Post-bacc	Research Supervisor	2014	
Kate Mosso	MD	MD	Research Supervisor	2015-2016	

University of Illinois

Directly managed >40 undergraduate research assistants; mentored two students completing honors theses (Stephanie Chirillo, Krysta Peters); primary mentor for two high school Research Apprentice Program participants (Derrick Rhodes, Karen Chiu)

TEACHING

- Oregon State University, NUTR 240 *Human Nutrition*, Instructor (Spr 2017, Fall 2017/18, Sum 2018/19)
- Oregon State University, NUTR 325 *Lifecycle Nutrition*, Instructor (Fall 2018)
- Oregon State University, NUTR 423/523 *Community Nutrition*, Co-Instructor (Winter 2017/18/19)
- Oregon State University, NUTR 439, Co-Instructor (Fall 2019)
- University of Wisconsin, NUTRSCI 881 *Nutrition & Public Health Policy*, Co-Instructor (Spr 2015)
- University of Wisconsin, NUTRSCI 625 *Advanced Obesity & Diabetes*, Co-Instructor (Spr 2015)
- University of Wisconsin, Family Medicine Residency Seminars, Lecturer (Spr 2014-Fall 2015)
- University of Illinois, FSHN 120: *Contemporary Nutrition*, Teaching Advisor (Summer 2011)
- University of Illinois, FSHN 420: *Nutritional Aspects of Disease*, Discussion Leader (Fall 2009)
- University of Illinois, ACES Teaching College Certificate Program (Fall 2009)
- University of Illinois, FSHN 220: *Principles of Nutrition*, Discussion Leader (Spr 2007)
- University of Georgia, Food Services, *Eating Smart*, Teaching Assistant (Spr 2003)

SERVICE

Oregon State University

2016-	College of Public Health and Human Sciences Curriculum Committee
2016-	College of Public Health and Human Sciences Undergraduate Scholarship Committee
2016-	MPH in Public Health Nutrition Option Development Committee
2016-	Oregon Family Impact Seminar Committee

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2016-2018-2019 Nutrition, University Graduate Laurels Block Grant Program Proposal Development
School of Social and Behavioral Health Sciences, Health Management and Policy
Search Committee (Assistant/Associate Professor)

American Society for Nutrition

2007-2011 Student Interest Group Executive Committee, Elected Member (Chair 2010)
2011-2013 Public Information Committee (Postdoctoral/Young Professional Representative)
2012-2014 Video Blogger, Experimental Biology
2013 Young Investigator Group I Awards, Juror
2013-2016 Public Policy Committee, Appointed Member (Spearheaded initiative to develop ASN Science Policy Fellowship for early career scientists)
2014- Abstract Reviewer for annual meeting

International Society for Behavioral Nutrition and Physical Activity

2017- Early Care and Education Interest Group Committee

Grant Reviewer

2019 Robert Wood Johnson Foundation, Healthy Eating Research, Round 12 Grant Reviews

Journal Reviewer

I regularly review manuscripts (10-15/year in total) for the following journals:

<i>American Journal of Public Health</i>	<i>Public Health Nutrition</i>
<i>Nutrients</i>	<i>Journal of Nutrition Education and Behavior</i>
<i>Preventing Chronic Disease</i>	<i>BMC Public Health</i>
<i>BMC Open</i>	<i>Preventive Medicine Reports</i>
<i>Obesity Research and Clinical Practice</i>	<i>Journal of Medicinal Foods</i>
<i>Journal of Healthcare for the Poor and Underserved</i>	

In addition, I serve on the *Frontiers in Nutrition* Editorial Board.

Public Service

2004-2011 Girl Scouts of the USA, Troop Leader
2012-2013 Southeastern Diabetes Education Services, Camp Seale Harris, Dietitian
2013-2015 Meals on Wheels, Volunteer
2013-2015 Girls on the Run, Coach

PROFESSIONAL DEVELOPMENT (selected)

- Advising for Advisors workshop (2019), Oregon State University
- Center for Teaching and Learning Faculty Forum (2018), Oregon State University
- OSU Grant Proposal Writing Workshop (2017), Grant Writers' Seminars & Workshops, LLC
- Partial list of seminars/workshops attended at the University of Wisconsin:
 - *Preparing for Your First Year as a Faculty Member: Teaching Responsibilities; Scientific Grant Writing Workshop; Writing for Publication; Curriculum Development*
- **Health Equity Leadership Institute**, Univ of Wisconsin/Maryland, Invited Participant (2013, 2014)
 - Week-long "research boot camp" focused on increasing the number of investigators engaged in health equity research who are successful in tenure track academic appointments
- Nutritional Sciences **Regulatory Affairs Summit**, Washington, DC, *Student Coordinator* (2011)
 - Spearheaded development of summit to expose graduate students to policy/regulatory issues
- Attended Media Training through the American Society for Nutrition (2011, 2013)
- Completed **Illinois Certificate in Business Administration for Scientists** (2009)
- Selected for American Physiological Society **Professional Skills Development Workshop** (2006)
 - Adapted and directed similar workshops for Illinois graduate students: Presentation Skills Workshop (2007), Abstract Writing Workshop (2007), Scientific Writing (2008)