

CURRICULUM VITAE

Weiwen Chai, Ph.D.

Associate Professor
Nutrition and Health Sciences
University of Nebraska
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EDUCATION AND TRAINING

Shanghai University of Traditional Chinese Medicine, Shanghai, China	Medicine	B.S.	1991
University of Wyoming, Laramie, WY	Food Science and Human Nutrition	M.S.	1996
University of Wyoming, Laramie, WY	Human Nutrition	Ph.D.	2004
University of Hawaii Cancer Center, Honolulu, HI	Nutritional Epidemiology and Cancer Prevention	NIH Postdoc Fellowship	2009 – 2011

POSITION AND HONORS

Honors

National Institutes of Health Postdoctoral Fellowship (2009-2011)

Professional Experience

2019 – Present	Associate Professor, Department of Nutrition and Health Sciences, University of Nebraska-Lincoln, Lincoln, Nebraska
2013 - 2019	Assistant Professor, Department of Nutrition and Health Sciences, University of Nebraska-Lincoln, Lincoln, Nebraska
2011 - 2013	Director of Nutritional Studies, Logan University, Chesterfield, Missouri
2009 - 2011	Junior Researcher, University of Hawaii Cancer Center, Honolulu, Hawaii
2008 - 2009	Research Scientist, Department of Animal Science, University of Wyoming, Laramie, Wyoming
2006 – 2008	Assistant Extension Educator, Cooperative Extension Service, University of Wyoming, Laramie, Wyoming

Professional Membership

2011 – Present American Society of Nutrition, Full Member

GRANTS

Ongoing Research Support

The Great Plains IDeA-CTR Pilot Grant (primary sponsor NIGMS). (\$71,090). Cui (PI) 7/1/2020 – 6/30/2021

Focused-Activity Monitoring and Just-in-time intervention: An Innovative Technology for Weight Management

The goal is to create a smartphone-based automatic system that interacts with users to efficiently and accurately assess food intake and energy balance, identify unhealthy lifestyle habits, make personalized recommendations, and deliver just-in-time interventions for users to take immediate actions.

Role: Co-PI

Completed Research Support

USDA NIFA CYFAR Awd No. 2014-41520-22207 (\$663,000) Krehbiel (PI) 09/01/14–08/31/19
University of Nebraska Sustainable Community Project

The goal of this study is to strengthen high-risk youth and families through multi-faceted approach and intensive programming on knowledge and skills of safe, nutritious, and balanced meals.

Role: Co-PI

University of Nebraska–Lincoln Layman Awd. No. 1024460 (\$10,000) Chai (PI) 06/01/16–12/31/18

Assessing Home Food Environment and Diabetes Self-Management among Adult Type 2 Diabetes Patients

The goal is to assess diabetes self-care, dietary intake, physical activity, and home food environment among adult type 2 diabetes patients.

Role: PI

University of Nebraska Medical Center, Cancer Prevention and Control Grant (\$50,000)
Farazi (PI) 01/01/17–12/31/19

Identification of Synergistic Interactions between Modifiable Risk Factors in Pancreatic Cancer Development

The goal is to identify factors that contribute to the risk of pancreatic cancer development using system science approach.

Role: Co-I

University of Nebraska–Lincoln Research Council Faculty Seed Grant (\$10,000)
Chai (PI) 01/01/2014–12/31/2015

Assessment of Home Environments for Healthy Eating and Physical Activities among Pre-Adolescents

The goal was to assess home food and physical activity environment among healthy weight and overweight/obese pre-adolescents.

Role: PI

Ann A. Hertzler Research Grant, Academy of Nutrition and Dietetics Foundation (\$5,000).
Nepper (PI) 09/03/14–09/30/16

Parental Attitudes, Barriers, and Motivators in Providing Fruits and Vegetables to Children, Ages 2–12 Years

The goal was to explore parental attitudes, barriers, and motivators in providing fruits and vegetables to children.

Role: Co-PI

University of Nebraska Food for Health Planning Grant (\$20,000) Bilek (PI) 01/01/2016 – 12/31/2016

Obesity and Cancer

The goal was to plan obesity and cancer working group activities across the University of Nebraska campuses.

Role: Co-I

PEER-REVIEWED PUBLICATIONS

1. **Chai, W**, Eaton, S., Rasmussen, H.E., Tao, M-H. (2021). Associations of Dietary Lipid-Soluble Micronutrients with Hepatic Steatosis among Adults in the United States. *Biomedicines* 2021, 9,1093. PMID: PMC8472595. doi.org/10.3390/biomedicines9091093.
2. Wang H, Mejia De Grubb M, Gonzalez S, Zoorob R, **Chai W**, Du X. (2021). Cancer Incidence and Survival Trends among Infants in the United States from 1975 to 2014. *Pediatric Blood & Cancer*, 68(4), e28917. PMID: 33470510. DOI: 10.1002/pbc.28917.
3. Nepper M, McAtee J, **Chai W** (Corresponding Author) (2021). Effects of a workplace weight-loss program for overweight and obese health-care workers. *American Journal of Health Promotion*. 2021, 35, 352-361. PMID: 32969262. doi:10.1177/0890117120960393
4. Peeri NC, **Chai W**, Cooney RV, Tao M. (2020) Association of Serum Levels of Antioxidant Micronutrients with Mortality in US Adults: National Health and Nutrition Examination Survey 1999-2002. *Public Health Nutrition*. 2020, 13, 1-26. PMID: PMC8116347
5. McAtee JR, Tao M, King C, **Chai W** (Corresponding Author). (2020) Association of Home Food Availability with Prediabetes and Diabetes among Adults in the United States. *Nutrients*. 2020, 12, E1209; PMID: PMC7281998; doi:10.3390/nu12051209.
6. Peeri NC, Egan KM, **Chai W**, Tao M. (2020) Association of magnesium intake and serum vitamin D levels with cognitive function in older adults: an analysis of US National Health and Nutrition Examination Survey (NHANES) 2011 to 2014. *European Journal of Nutrition*. PMID: PMC7649128. doi.10.1007/s00394-020-02267-4.
7. **Chai W**, Maskarinec G, Franke AA, Monroe KR, Park S, Kolonel LN, Wilkens L, Le Marchand L, Cooney RV. (2020) Association of serum γ -Tocopherol Levels with Mortality: The Multiethnic Cohort Study. *The European Journal of Clinical Nutrition*. Epub June 26, 2019. 74(1), 87-96. PMID: PMC6930982. DOI:10.1038/s41430-019-0460-7
8. Nepper MJ, McAtee JR, Wheeler L, **Chai W** (Corresponding Author), (2019) Mobile phone text message intervention on diabetes self-care Activities, cardiovascular disease risk awareness, and food choices among type 2 diabetes patients. *Nutrients*. 2019, 11(6), 1314; PMID: PMC6627048; doi:10.3390/nu11061314.
9. McAtee J, King C, **Chai W** (Corresponding Author). (2019) Food Insecurity Is Inversely Associated with Healthy Food Availability among Adults in the United States. *Diabetes*. 2019, 5 (1), 17-22. Doi: 10.15562/diabetes.2019.56
10. Walther A, **Chai W** (Corresponding Author), Dunker T, Franzen-Castle L, Krehbiel M. (2018). A new way to assess nutrition knowledge: the Healthy Plate Photo Method. *Afterschool Matters*. Fall 2018, 28, 3-9. <https://www.niost.org/Afterschool-Matters-Fall-2018/a-new-way-to-assess-nutrition-knowledge-the-healthy-plate-photo-method>.
11. **Chai W**, Fan XJ, Wen M. (2018) Association of individual and neighborhood factors with home food availability: evidence from the National Health and Nutrition Examination Survey (NHANES). *Journal of the Academy of Nutrition and Dietetics*, 118 (5), 815-823. PMID: PMC5924612
12. Nepper M, **Chai W** (Corresponding Author). (2017) Family food choice motives among parents of healthy weight and overweight school-aged children: A mixed method study. *Journal of Nutritional Health and Food Science*, 5(6), 1-10. DOI: <http://dx.doi.org/10.15226/jnhfs.2017.001114>
13. **Chai W**, Morimoto Y, Cooney RV, Franke AA, Shvetsov YB, Le Marchand L, Haiman CA, Laurence KN, Goodman MT, Maskarinec G. (2017) Dietary red and processed meat Intake

- and markers of adiposity and inflammation: the multiethnic cohort study. **Journal of the American College of Nutrition**, 36(5), 378-385. PMID: PMC5540319
14. Franzen-Castle L, Dunker T, **Chai W**, Krehbiel M. (2017) Fitbit and Fitabase technology: tracking and evaluating youth physical activity. **Journal of Extension**, 55 (2), 2TOT5. <https://www.joe.org/joe/2017april/tt5.php>
 15. Nepper MJ, **Chai W** (Corresponding Author). (2017) Parental views of promoting fruit and vegetable intake among preschoolers and school-aged children: a qualitative study. **Global Qualitative Nursing Research**, 4, 1-11. PMID: PMC5305122.
 16. **Chai W**, Fan XJ, Wen M. (2016) Association of individual and community factors with C-reactive protein and 25-hydroxyvitamin D: evidence from the National Health and Nutrition Examination Survey (NHANES). *Social Science & Medicine - Population Health*, 2, 889-892. PMID: PMC5161036.
 17. Nepper MJ, **Chai W** (Corresponding Author). (2016). Parents' barriers and strategies to promote healthy eating among school-age children. *Appetite*, 103,157-164. PMID: 27090341.
 18. Nepper MJ, **Chai W** (Corresponding Author). (2016). Assessment of home food environment among healthy weight and overweight children. **Health Behavior and Policy Review**, 3(6), 568-580. DOI: <http://dx.doi.org/10.14485/HBPR.3.6.6>
 19. Hall EM, **Chai W**, Albrecht JA. (2016) Teachers' experience of nutrition education: a phenomenological exploration. *American Journal of Health Education*, 47(3), 136-148. PMID: PMC4867867.
 20. Nepper MJ, **Chai W** (Corresponding Author). (2016). Validation of a home food checklist to assess the home food environment of school-age children. *Health Behavior Policy Review*, 3(4), 348-360. DOI: <http://dx.doi.org/10.14485/HBPR.3.4.6>
 21. Hall EM, **Chai W**, Albrecht JA. (2016) Relationships Between Nutrition-Related Knowledge, Self-Efficacy, and Behavior for Fifth Grade Students Attending Title I and Non-Title I Schools. *Appetite*, 96, 245-253. PMID: 26431680.
 22. Hall EM, **Chai W**, Albrecht JA. (2016) Evaluation of a K-2 Elementary Nutrition Education Program. *Health Behavior and Policy Review*, 3(1), 70-80. DOI: <http://dx.doi.org/10.14485/HBPR.3.1.8>
 23. Nepper MJ, **Chai W** (Corresponding Author). (2015). Fruit and vegetable intake and dietary patterns of preadolescents attending schools in the Midwest. *Journal of Child Nutrition and Management*, 39(2), <https://schoolnutrition.org/jcnm/fall2015/>
 24. Hall EM, **Chai W**, Koszewski W, Albrecht JA. (2015) Development and validation of a social cognitive theory-based survey for elementary nutrition educational program. **International Journal of Behavioral Nutrition and Physical Activity**, 9, 12:47. PMID: PMC4403940.
 25. Nepper MJ, **Chai W** (Corresponding Author). (2015) Associations of the home food environment with eating behaviors and weight status among children and adolescents. *Journal of Nutrition and Food Science*, S12, 004 DOI:10.4172/2155-9600.S12-004
 26. Nepper MJ, Ludemann M, **Chai W** (Corresponding Author). (2014) Validation of instruments to assess home food environment of pre-adolescents: a pilot study. *Journal of Nutritional Health and Food Sciences*. 2(3), 1-9. DOI: <http://dx.doi.org/10.15226/jnhfs.2014.00132>
 27. **Chai W**, Novotny R, Maskarinec G, Le Marchand L, Franke AA, Cooney RV. (2014) Serum coenzyme Q₁₀, α -tocopherol, γ -tocopherol, and C-reactive protein levels and body mass index in adolescent and premenopausal females. *Journal of the American College of Nutrition*, 33(3), 192-197. PMID: PMC4069220.
 28. **Chai W**, Cooney RV, Franke AA, Bostick RM. (2013) Effects of calcium and vitamin D supplementation on blood pressure and serum lipids and carotenoids: a Randomized, double-blind, placebo-controlled, clinical Trial. *Annals of Epidemiology*, 23, 564-70. PMID: PMC4339268

29. Cooney RV, **Chai W**, Franke AA, Wilkens LR, Kolonel LN, Le Marchand L. (2013) C-Reactive Protein, Lipid-soluble micronutrients, and survival in colorectal cancer patients. *Cancer Epidemiology, Biomarkers & Prevention*, 22(7), 1278-1288. PMID: PMC3834261
30. **Chai W**, Bostick RM, Franke AA, Ahearn TU, Custer LJ, Cooney RV. (2012) Effects of vitamin D₃ and calcium supplementation on serum levels of tocopherols, retinol, and specific vitamin D metabolites. *Nutrition and Cancer*, 64, 57-64. PMID: PMC3731208.
31. Cooney RV, Dai Q, Gao YT, Chow WH, Franke AA, Shu XO, Li HL, Ji B, Cai Q, **Chai W**, Zheng W. (2011) Low plasma coenzyme Q10 levels and breast cancer risk in Chinese women. *Cancer Epidemiology, Biomarkers & Prevention*, 20, 1124-30. PMID: PMC3545677.
32. Conroy SM, **Chai W**, Lim U, Franke AA, Cooney RV, Maskarinec G. (2011) Leptin, adiponectin, and obesity among Caucasian and Asian women. Mediators of Inflammation. 2011, 253580. doi:10.1155/2011/253580. PMID: PMC3038565
33. **Chai W**, Cooney RV, Franke AA, Caberto CP, Wilkens LR, Le Marchand L, Goodman MT, Henderson BE, Kolonel LN. (2011) Plasma coenzyme q10 levels and prostate cancer risk: the multiethnic cohort study. *Cancer Epidemiology, Biomarkers & Prevention*, 20(4), 708-710. PMID: PMC4439209.
34. **Chai W**, Nigg CR, Pagano IS, Motl RW, Horwath C, Dishman RK. (2010) Associations of quality of life with physical activity, fruit and vegetable consumption, and physical inactivity in a free living, multiethnic population in Hawaii: a longitudinal study. *International Journal of Behavioral Nutrition and Physical Activity*, 22, 7: 83. PMID: PMC2996342
35. **Chai W**, Cooney RV, Franke AA, Shvetsov YB, Caberto CP, Wilkens LR, Le Marchand L, Henderson BE, Kolonel LN, Goodman MT. (2010) Plasma coenzyme Q10 levels and postmenopausal breast cancer risk: the multiethnic cohort study. *Cancer Epidemiology, Biomarkers & Prevention*, 19(9), 2351-2356. PMID: PMC3013233
36. **Chai W**, Conroy SM, Maskarinec G, Franke AA, Pagano IS, Cooney RV. (2010) Associations between obesity and serum lipid-soluble micronutrients among premenopausal women. *Nutrition Research*, 30(4), 227-32. PMID: PMC2884001
37. **Chai W**, Maskarinec G, Cooney RV. (2010) Serum 25-hydroxyvitamin D levels and mammographic density among premenopausal women in a multiethnic population. *European Journal of Clinical Nutrition*, 64(6), 652-4. PMID: PMC2900248
38. **Chai W**, Liebman M. (2005) Oxalate content of legumes, nuts, and grain-based flours. *Journal of Food Composition and Analysis*, 18 (7), 723-729. <https://doi.org/10.1016/j.jfca.2004.07.001>
39. **Chai W**, Liebman M. (2005). Effect of different cooking methods on vegetable oxalate content. *Journal of Agriculture and Food Chemistry*, 53, 3027-3030. PMID: 27090341.
40. **Chai W**, Liebman M, Kynast-Gales S, Massey L. (2004) Oxalate absorption and endogenous oxalate synthesis from ascorbate in calcium oxalate stone formers and non-stone former. *American Journal of Kidney Diseases*, 44 (6), 1060-1069. PMID: 15558527.
41. **Chai W**, Liebman M. (2004). Assessment of oxalate absorption from almonds and black beans with and without the use of an extrinsic label. *Journal of Urology*, 172, 953-957. PMID: 15311007.
42. Liebman M, Harvey E, **Chai W**. (1999) Olestra and fat inhibit oxalate absorption. *Nutrition Research*, 9(9), 1277-1285. DOI: [https://doi.org/10.1016/S0271-5317\(99\)00086-X](https://doi.org/10.1016/S0271-5317(99)00086-X)
43. Liebman M, **Chai W**. (1997) Effect of dietary calcium on urinary oxalate excretion after oxalate loads. *American Journal of Clinical Nutrition*, 65, 1453-1459. PMID: 9129476.
44. Liebman M, **Chai W**, Havey E, Boenisch L. (1997) Effect of supplemental ascorbate and orange juice on urinary oxalate. *Nutrition Research*, 17(3), 415-425. DOI: [https://doi.org/10.1016/S0271-5317\(97\)00012-2](https://doi.org/10.1016/S0271-5317(97)00012-2)

PRESENTATIONS AND ABSTRACTS

1. *Post Presentation (2019)*: Nepper MJ, **Chai W**. Mobile phone text message intervention of diabetes self-care activities and food choices among type 2 diabetes patients. **American Diabetes Association annual conference 2019**. San Francisco, 2019.
2. *Post Presentation (2018)*: **Chai W**, Nepper MJ. Text messaging intervention on cardiovascular disease risk perception among type 2 diabetes patients. **American Society for Nutrition Meeting 2018**. Boston, MA. *Current Developments in Nutrition*, 2018, 2 (11). <https://doi.org/10.1093/cdn/nzy041>.
3. *Post Presentation (2017)*: **Chai W**, Walther A, Dunker T, Franzen-Castle L, Krehbiel M. Assessing nutrition knowledge using Healthy Plate photo method among youth participating in WeCook. **Experimental Biology Annual Meeting 2017**. Chicago, IL. *FASEB J.* 2017; 31: 640.1
4. *Post Presentation (2017)*: **Chai W**, Fan JX, Weng M. Association of individual and neighborhood factors with home food availability: evidence from the National Health and Nutrition Examination Survey (NHANES). **Experimental Biology Annual Meeting 2017**. Chicago, IL *FASEB J.* 2017; 31: 962.1
5. *Post Presentation (2016)*: Walther A, Dunker T, Krehbiel M, Franzen-Castle L, **Chai W**. WeCook After School Program: Engaging Youth in Fun Food and Fitness Lessons to Improve Knowledge and Skills Among 4th and 5th Grade Participants. **Society for Nutrition Education and Behavior Annual Conference 2016**. San Diego, CA. *J. Nutr. Educ. and Behavior.* 2016, 48 (7S):S146.
6. *Post Presentation (2016)*: Nepper MJ, **Chai W**. Barriers and motivations in providing fruit and vegetables in the home: perceptions of parents of overweight/obese preschoolers and school-aged children. **Experimental Biology Annual Meeting 2016**. San Diego, CA. *FASEB J.* April 2016. 30(1): Suppl 1151.3
7. *Oral Presentation (2016)*: Nepper MJ, **Chai W**. Assessment of home food environment among healthy weight and overweight/obese school-age children. **Experimental Biology Annual Meeting 2016**. San Diego, CA. *FASEB J.* April 2016. 30:Suppl 129.1
8. *Post Presentation (2016)*: **Chai W**, Fan JX, Wen M. Individual and neighborhood factors of serum levels of 25-hydroxyvitamin D and C-reactive protein: Evidence from the National Health and Nutrition Examination Survey (NHANES). **Experimental Biology Annual Meeting 2016**. San Diego, CA. *FASEB J.* April 2016. 30 (1):Suppl 902.10
9. *Oral Presentation (2015)*: Nepper MJ, **Chai W**. Exploring parent's perceptions of healthy eating in the home food environment of children, ages 6-12 years: a qualitative study. **Academy of Nutrition and Dietetics Conference and Expo (FNCE) 2015**, Nashville, TN *Journal of Academy of Nutrition and Dietetics.* 115 (S9):A93
10. *Post Presentation (2015)*: Hall E, **Chai W**, Koszewski, Albrecht JA. Relationships between nutrition-related knowledge, self-efficacy, and behavior for fifth grade students. **Society for Nutrition Education and Behavior Annual Conference 2015**. Pittsburgh, PA. *J. Nutr. Educ. and Behavior.* 2015, 47 (4S):S66-S67.
11. *Post Presentation (2015)*: **Chai W**, Nepper MJ. Assessment of Fruit and Vegetable Intakes and Dietary Patterns of Preadolescents Ages 8 to 14 Years. **Society for Nutrition Education and Behavior Annual Conference 2015**. Pittsburgh, PA. *J. Nutr. Educ. and Behavior.* 2015, 47 (4S):S79.
12. *Oral Presentation (2015)*: Nepper MJ, Ludemann M, **Chai W**. Validation of Instruments to assess home food environment of pre-adolescents: A Pilot study. **Experimental Biology Annual Meeting 2015**, Boston, MA. *FASEB J.* April 2015. 29:132.1
13. *Post Presentation (2015)*: Hall E, **Chai W**, Koszewski W, Albrecht A. Self-efficacy is associated with healthy eating behaviors for fifth grade students. **Experimental Biology Annual Meeting 2015**, Boston, MA. *FASEB J.* April 2015. 29: 911.5

14. *Post Presentation (2014)*: **Chai W**, Fischer JA, Takahashi S, Wallinga M, Anderson-Knott M, Wolf T, Koszewski W. (2014). Effects of KidQuest on body mass index, lean body mass and body fat percentage among children ages 11 to 14 years in Nebraska. **Experimental Biology Annual Meeting 2014**, San Diego, CA. FASEB J. April 2014. 28:808.14
15. *Post Presentation (2014)*: **Chai W**, Morimoto Y, Cooney RV, Le Marchand L, Franke AA, Wilkens L, Maskarinec G. (2014). Red meat intake and serum levels of leptin, TNF- α , and CRP in the Multiethnic Cohort. **Experimental Biology Annual Meeting 2014**, San Diego, CA. FASEB J. April 2014 28:628.21
16. *Post Presentation (2014)*: Hall E, **Chai W**, Koszewski W, Albrecht J. Development, Validation, and Pilot Test of a Social Cognitive Theory (SCT)-Based Instrument for Growing Healthy Kids (GHK). **Society for Nutrition Education and Behavior Annual Conference 2014**, Milwaukee, WI. J. Nutr. Educ. and Behavior. 2014, 46 (4S):S154-155.
17. *Post Presentation (2013)*: **Chai W**, Novotny R, Maskarinec G, Le Marchand L, Franke AA, Cooney RV. Serum levels of coenzyme Q10, α -tocopherol, γ -tocopherol, and C-reactive protein in adolescent girls and premenopausal women. **Experimental Biology Annual Meeting 2013**, Boston, MA.
18. *Post Presentation (2013)*: Cooney RV, **Chai W**, Franke AA, Wilkens LR, Kolonel LN, Le Marchand L. Plasma retinol, but not vitamins 25-OH D and E, is associated with increased survival in colorectal cancer patients. **American Society for Cancer Research (AACR) Annual Meeting 2013**. Washington DC
19. *Poster Presentation (2013)*: Cooney RV, **Chai W**, Franke AA, Wilkens LR, Kolonel LN, Le Marchand L. Elevated plasma C-reactive protein and low carotenoid levels are associated with increased mortality in colorectal cancer patients. **Experimental Biology Annual Meeting 2013**, Boston, MA.
20. *Poster Presentation (2012)*: **Chai W**, Cooney RV, Franke AA, Bostick RM. Effects of vitamin D and calcium supplementation on blood pressure and serum lipids. **Experimental Biology Annual Meeting 2012**, San Diego, CA.
21. *Oral Presentation (2010)*: **Chai W**, Cooney RV, Franke AA, Shvetsov YB, Caberto CP, Wilkens LR, Le Marchand L, Henderson BE, Kolonel LN, Goodman MT. Plasma coenzyme Q10 levels and postmenopausal breast cancer risk: The Multiethnic Cohort Study. **American Society for Cancer Research (AACR) Annual Meeting 2010**. Washington DC.
22. *Poster Presentation (2010)*: **Chai W**, Conroy SM, Maskarinec G, Franke AA, Pagano IS, Cooney RV. Obesity is associated with decreased serum β -carotene and vitamin D and increased γ -tocopherol in a multiethnic population. **11th International Congress of Obesity 2010**. Stockholm, Sweden.

TEACHING

Courses Taught and Curricula Developed

1. NUTR 805, Research Methods (3 Cr, graduate)
2. NUTR 407/807, Principles of Epidemiology (3 Cr, undergraduate/ graduate)
3. NUTR 250, Human Nutrition and Metabolism (3 Cr, undergraduate)
4. NUTR 253, Cultural Aspects of Food and Nutrition (3 Cr, undergraduate)

STUDENT MENTORING

Graduate Students: Primary Mentoring (Committee Chair/Co-Chair)

Doctorate Students

1. Martha Nepper (Completed May 2016)
Dissertation: *The home food environment between healthy weight and overweight/obese pre-adolescents*
Role: committee chair
2. Elisha Hall (Completed December 2015)
Dissertation: *Evaluation and modification of social cognitive theory-based curricula for young elementary students*
Role: committee co-chair
3. Jennifer R. McAtee (Completed August 2019)
Dissertation: *Home food environment, food choices and intervention strategies among prediabetes and type 2 diabetes*
Role: **committee chair**
4. Sarah Eaton (**In process:** August 2020-present)
Dissertation:
Role: **committee Co-chair**
5. Minette Herrick (**In process,** May 2021-present)
Dissertation
Role: committee chair

Master Students

1. Ashley Walther (Completed August 2017)
Thesis: *The effect of a youth cooking intervention on nutrition knowledge and healthy eating behaviors among 4th & 5th graders attending Title I schools*
Role: committee chair
2. Mia Wood (Completed December 2018)
Thesis: *The effect of a youth cooking intervention on nutrition knowledge and healthy eating behaviors among 4th & 5th graders attending Title I schools*
Role: committee co-chair
3. Casey Guiffredo (Fairchild) (Completed: December 2020)
Non-thesis track
Role: academic mentor
4. Marcos Ramrez (In process: August 2017-present)
Non-thesis track
Role: academic mentor
5. Hannah Thompson (Discontinued: August 2020)
Non-thesis track
Role: academic mentor
6. Sydney Wells (in process: August 2020-present)

Non-thesis track

Role: academic mentor

Graduate Students: Secondary Mentoring (Committee Member)

Doctorate Students

1. Rachel Sinley. "*Using the IMB Model to Investigate Fruit and Vegetable Intake among American Indian Toddlers: A Mixed Methods*". (Completed December 2015).
2. Madhuri Palakuthi. (In process: August 2019-present)
3. Zachary Cole (In process: August 2020-present)

Master Students

4. Tovah Wolf. "*Transport of microRNA-containing, milk-borne exosomes by human colon carcinoma caco-2 cells*" (Completed May 2016)
5. Sally Hillis. "*Understanding the process by which a healthy population seeks nutrition and exercise information*" (Completed May 2014).
6. Courtney Jarosz, "*WeCook: fun with food and fitness: impact of a youth cooking program on the home*" (Completed August 2017)
7. Courtney Smith. "*University wellness: a numbers games-how health numbers relate to blood pressure*" (Complete May 2017)
8. Yushma Pant. "*Pilot nutrition intervention with the Bhutanese refugee population in Omaha Nebraska*" UNMC MPH Program (Completed October 2016)
9. Victoria Teixeira Reis "*Relation between C-Reactive protein and obesity, diet quality, sleep pattern and food timing in circadian disrupted adults* (Completed: August 2020)
10. Falah Rashoka "*Roadblocks to accessing healthcare services among marginalized refugees: Insights from a qualitative study of Yezidis*". (Complete May 2020).

Undergraduate Student Mentoring

- 1 McKena Ludemann (August 2013 - December 2014)
Research mentoring
2. Carly Selleck (UNL UCARE Award)
UCARE project: Diet Quality and Race-Ethnic Disparities in Prediabetes and Type 2 diabetes (August 2019 to April 2020)

AWARDS STUDENTS RECEIVED

1. Martha Nepper: Academy of Nutrition and Dietetics Foundation Ann A. Hertzler Research Grant (\$5000)
2. Martha Nepper: Transdisciplinary Obesity Prevention (TOP) Student Research Project Awards (\$10,000)
3. Elisha Hall: Transdisciplinary Obesity Prevention (TOP) Student Research Project Awards (\$10,000)
4. Elisha Hall: Finalist of ASN's Emerging Leaders in Nutrition Science Poster Competition at 2015 Experimental Biology Meeting, Boston, MA.
5. Elisha Hall: University of Nebraska Presidential Graduate Fellowship for 2015-2016 academic year (\$24,000).
6. Martha Nepper: CEHS Graduate Travel Grant (\$450)

SERVICE

University

1. NHS graduate committee chair (September 1, 2019-)
2. CHES Dean's Academic Program Committee (January-)
3. CEHS (college) scholarship committee (May 2018-)
4. NHS graduate committee (August 2015-May 2018)
5. NHS undergraduate curriculum committee (May 2017-)
6. Graduation ceremonies, Marsh Corp. (December 2013 – August 2016).
7. Chair, search committee for behavior based epidemiologist position (January 2014 - July 2014).
8. Search committee member: poverty and other social determinants of health and opportunity (January 2015-May 2016)
9. CYFS center conversation series steering and advisory committee (2015-2016)
10. Reviewed/judged student research affair posters (April 12, 2016)

Professional

1. Reviewed manuscript for *Annals of Epidemiology* (July 2014).
2. Reviewed manuscript for *Scientific Report* (March 2015)
3. Guest Editor for special issue "Metabolism, Diet and Cancer" for *Journal of BioMed Research International* (January 2015 – November 2015)
4. Reviewed manuscript for *Journal of Nutrition Education and Behavior* (July 2014).
5. Reviewed manuscript for *Journal of Nutrition Education and Behavior* (August 2016).
6. Reviewed manuscript for *British Journal of Nutrition* (March 2016).
7. Reviewed manuscript for *Scientific Report* (August 2017)
8. Reviewed manuscript for the *New England Journal of Medicine* (January 2017)
9. Reviewed manuscript for the *Journal of Nutrition* (September 2018)
10. Reviewed manuscript for *Journal of Applied Gerontology* (April 2019)
11. Reviewed manuscript for *Scientific Report* (June 2019)
12. Reviewed manuscript for *Journal of General Internal Medicine* (December 2019)
13. Reviewed manuscript for *American Journal of Clinical Nutrition* (February 2020)
14. Reviewed manuscript for *British Journal of Nutrition* (December 2020)
15. Reviewed manuscript for *Journal of Applied Gerontology* (August 2021)

PROFESSIONAL DEVELOPMENT

1. CEHS Scholarly Enhancement Program (SEP) (2014-2016)
2. 2015 CYFAR Professional Development Workshop. June 4-5, 2015 Washington DC
3. Annual Teaching and Learning Symposium organized by the University of Nebraska-Lincoln
4. Professional conferences (Experimental Biology, Society for Nutrition, Society for Nutrition Education and Behavior annual conferences)