

**JENNIFER A. HANSON, PHD, RD, CSSD, LD**  
Department of Food, Nutrition, Dietetics and Health  
Kansas State University

**EDUCATION**

Doctor of Philosophy, Human Nutrition, Kansas State University (2011)  
Dissertation: Omega-3 Fatty Acids and Cognitive Outcomes in Soldiers Deployed to Combat

Dietetic Internship, University of Alabama, Birmingham (2002)

Master of Science in Nutrition, University of Nevada, Reno (2000)  
Thesis: Correlates of Safe Food-Handling among Nevada's Elderly

Bachelor of Science in Nursing, University of Minnesota, Minneapolis (1989)

**CURRENT CREDENTIALS**

Dietetic Licensure, Kansas Department of Health and Environment (2004)

Dietetic Registration, Commission on Dietetic Registration (2004)

Board Certified Specialist in Sports Dietetics, Commission on Dietetic Registration (2013)

ServSafe® Instructor and Proctor Certification, National Restaurant Association (2014)

**EXPERIENCE**

8/2014-

Assistant Professor, Department of Food, Nutrition, Dietetics and Health, Kansas State University, Manhattan, KS.

-Director, Didactic Program in Dietetics (7/2015-11/2016)

-Graduate Faculty Member, Masters of Public Health Program, (12/2014-current)

4/2015-

Assistant Professor (Adjunct), U.S. Military-Baylor Graduate Program in Nutrition

-U.S. Army Reserve, Instructor for Advanced Micronutrients

8/2012- 8/2014

Assistant Professor, Nutrition and Dietetics Program, Louisiana Tech University, Ruston, LA.

6/2013- 8/2013

Health/Environmental Analyst (Temporary), Kansas Environmental Public Health Tracking Program, Kansas Department of Health and Environment, Topeka, KS.

11/2011-03/2012

Clinical Dietitian, PRN, Stormont-Vail, Topeka, KS.

8/2006-8/2011

Graduate Teaching and Research Assistant, Department of Human Nutrition, Kansas State University, Manhattan, KS.

8/2010-12/2010

Adjunct Instructor, Cloud County Community College, Geary Campus, Junction City, KS. Instructor for *Nutrition* and *Medical Vocabulary*.

6/2004-5/2006

Adjunct Instructor, Kansas City Kansas Community College, Leavenworth, KS.  
Instructor for *Nutrition* and *Introduction to Biology*.

1/2005-6/2006

Outpatient Dietitian, Diabetes Center, Providence Medical Center, Kansas City, KS.  
Provided medical nutrition therapy in an outpatient diabetes center. Conducted assessments, developed meal plans, provided counseling, and conducted follow-up visits. Provided classroom and one-on-one education. Also conducted assessments and planned/coordinated care in a long-term care setting.

1/2005-6/2006

Clinical Dietitian, Cushing Memorial Hospital, Leavenworth, KS.  
Conducted patient screening and assessments. Recommended nutrition interventions and provided education in an inpatient clinical setting.

8/2005-12/2005

Adjunct Instructor, University of Saint Mary, Leavenworth, KS.  
Primary Instructor for *Principles of Nutrition*.

2/2003-7/2003

Licensed Dietitian/Nutrition Technician, Enterprise Nursing Home, Enterprise, AL.  
Conducted patient screenings, assessments, and follow-up visits.

8/1995-5/1996

Teaching Assistant, Department of Nutrition, University of Nevada, Reno, Nevada 89557.  
Teaching Assistant for *Diet Therapy*, *Human Nutrition*, and *Introduction to Dietetics*.

9/1992-5/1993

Nutrition Technician, Child Development Center, Pope Air Force Base, North Carolina 28308.  
Responsible for menu planning, supervision of foodservice staff, food production, food safety, and adherence to state, federal, and Air Force regulations and guidelines.

1/1990-12/1990

Commissioned Officer, US Army Nurse Corps, Fort Rucker, Alabama 36362.  
Staff nurse on medical/surgical/pediatric ward.

12/1985-12/1989 & 2/2011-present

US Army Reservist, including Foodservice Specialist, Simultaneous Membership Program Cadet, and Commissioned Officer. Currently 65C (Dietitian) with rank of Major.

## PUBLICATIONS

**Hanson J**, Benedict J. Use of the Health Belief Model to examine older adults' food-handling behaviors. *Journal of Nutrition Education and Behavior*; 2002, 34; S25-S30.

**Hanson J**, Haub M, Walker J, Johnston D, Nelson Goff, B, Dretsch M. Attention deficit hyperactivity disorder subtypes and their relation to cognitive functioning, mood states, and combat stress symptomatology in deploying U.S. soldiers. *Military Medicine*; 2012, 6; 655-662.

**Hanson J**, Rosenkranz R, Holcomb C, Haub M. Content validity and reliability of a food frequency questionnaire to measure eicosapentaenoic acid and docosahexaenoic acid intakes in young adults: A pilot study. *Functional Foods in Health and Disease*; 2012, 2(12); 501-507.

Lin Y, **Hanson J**, Strandjord S, Salem, N, Dretsch, M, Haub M, Hibbeln J. Fast transmethylation of total lipids in dried blood by microwave irradiation and its application to a population study. *Lipids*; 2014, 49(8); 839-51. DOI: 10.1007/s11745-014-3918-3

**Hanson J**, Hughes S, Liu P. Use of Health Belief Model variables to examine self-reported food handling behaviors in a sample of U.S. adults attending a tailgate event. *Journal of Food Protection*; 2015, Dec; 78(12); 2177-83. doi: 10.4315/0362-028X.JFP-15-077

**Hanson J**, Lin Y, Strandjord S, Haub, M, Dretsch M, Hibbeln J. Whole food, functional food, and supplement sources of omega-3 fatty acids and omega-3 HUFA scores among U.S. soldiers. *Journal of Functional Foods*; 2016, 23: 167-176. <http://dx.doi.org/10.1016/j.jff.2016.02.017>

## ABSTRACTS/PRESENTATIONS

**Hanson J**, Benedict J. Use of the Health Belief Model to examine safe food-handling among Nevada's elderly. *Journal of the American Dietetic Association*; 2000, 10(9) supplement, A36.

**Hanson J**, Haub M, Hibbeln J, Junnila J, Johnston D, Dretsch M. Dietary intakes of EPA and DHA among soldiers deploying to combat areas. Presented at the 9th biennial scientific meeting of the International Society for the Study of Fatty Acids and Lipids (ISSFAL), May 29-June 2nd, 2010, in Maastricht, the Netherlands.

**Hanson J**, Haub M. Seasonal availability, culture, and religious practices appear to influence fish consumption throughout the year. *Journal of the American Dietetic Association*; 2010, 110(9) supplement, A79.

**Hanson J**, Dretsch M, Junnila J, Johnston D, Haub M. Dietary supplement use among soldiers deploying to combat. *Journal of the American Dietetic Association*; 2011, 111(9) supplement, A30.

Lin Y, **Hanson J**, Strandjord S, Hibbeln J. Microwave irradiation accelerated fatty acid analysis and its application in finger-pricked whole blood samples of deploying soldiers. Presented at the 10th biennial scientific meeting of the International Society for the Study of Fatty Acids and Lipids (ISSFAL), 26-30 May, 2012, in Vancouver, Canada.

**Hanson J**, Lin Y, Strandjord S, Hibbeln J. The relationship between omega-3 HUFA score and dietary intake of EPA and DHA among U.S. soldiers. *Journal of the Academy of Nutrition and Dietetics*; 2013, 113(9) supplement, A26.

**Hanson J**, Phillips L, Kim Y, Corson K, Hughes S. The relationship between attention deficit hyperactivity disorder symptomatology and nutrition-related health behaviors among university athletes and non-athletes. *Journal of the Academy of Nutrition and Dietetics*; 2013, 113(9) supplement, A86.

Liu P, **Hanson J**, Hughes S. Investigation of tailgaters' food-handling behaviors. Presented at the International Association for Food Protection, 3-6 August, 2014, in Indianapolis, IN.

Wallace W, **Hanson J**, Feigenberg S, Pope J, Erickson D, Tyer T. Nutrition-related clinical outcomes among head and neck radiation oncology patients. *Journal of the Academy of Nutrition and Dietetics*; 2014, 114(9) supplement, A32.

Hughes S, **Hanson J**, Liu P. Safe food-handling cues to action, perceived threat of foodborne illness, and food-handling behaviors among adults attending a tailgating event. *Journal of the Academy of Nutrition and Dietetics*; 2014, 114(9) supplement, A90.

**Hanson J**, Johnston D, Dretsch M, Lin N, Haub M. Food sources utilized by U.S. soldiers deployed on overseas combat tours. *Journal of the Academy of Nutrition and Dietetics*; 2015, 115(9) supplement, A59. <http://dx.doi.org/10.1016/j.jand.2015.06.209>

**Hanson J**, Johnston D, Bradley R, Harris W. Fish/seafood consumption, dietary intake of EPA and DHA, and Omega-3 Index among deployed U.S. military personnel. *Journal of the Academy of Nutrition and Dietetics*. 2015, 115(9) supplement, A22. <http://dx.doi.org/10.1016/j.jand.2015.06.069>

Liu P, Lin N, Nwadike L, Hughes S, **Hanson J**. Observed food handling practices among adults preparing food during a football tailgate. Oral presentation at the International Association for Food Protection, 31 July- 3 August, 2016, in St Louis, MO.

Fuller A, Chen Y, Pope J, Erickson D, **Hanson J**. "Parents-as-Partners" tennis as a platform for obesity prevention. *Journal of the Academy of Nutrition and Dietetics*; 2016, 116(9) supplement, A9.

**Hanson J**, Joyce J, Paez P, Laursen D. Healthy Menu Initiative: Implementing a Standardized Healthy Menu across the U.S. Army's Child and Youth Services. Panel presentation at the National CACFP Conference, April 20, 2017 in San Diego, CA.

## AWARDS

Big 12 Faculty Fellowship, Office of the Provost and Senior Vice President, Kansas State University, 2015

Margaret D. Simko Memorial Award for Excellence at a Clinical Poster Session, Academy of Nutrition and Dietetics Annual Food and Nutrition Conference and Expo, 2013

## **AWARDS (Continued)**

American Society for Nutrition, Travel Award for the National Institutes of Health's Office of Dietary Supplement (ODS) Research Practicum, 2011

Research and the State Finalist, Kansas State University, 2010

Kansas State University Research Foundation Doctoral Fellowship, 2009

Timothy Donahue Graduate Fellowship Award, 2008; Nutrition for Youth Graduate Scholarship Kansas State University 2007; Josephine E. Brooks Fellowship in Foods and Nutrition 2006; Kansas State University

Gogebic Community College Board of Trustees Scholarship

## **GRANT ACTIVITY**

Verbrugge, M. (PI), **Hanson J. (Co-director)**. Army/4-H Military Partnership, NIFA/USDA, Army Youth Services Menu Development, September 2016, \$104,948 (funded).

Verbrugge, M. (PI), **Hanson J. (Co-director)**. Army/4-H Military Partnership, NIFA/USDA, Army Youth Services Menu Development, September 2015, \$124,185 (funded).

**Hanson J.** (PI). Use of the Health Belief Model to Predict Observed and Self-Reported Food Handling Behaviors among Adults Preparing Meat or Poultry at an Outdoor Venue, College of Human Ecology (CHE) Sponsored Research Overhead (SRO) Funds Award, \$3363.

**Hanson J.** Kids Eat Right Family Meals Mini-Grants, Academy of Nutrition and Dietetics Foundation, March 2013, \$200 (funded).

**Hanson J & Chen Y.** College of Applied and Natural Sciences, Louisiana Tech University, "Parents-as-Partners" Tennis as a Platform for Obesity Prevention, Fall 2012, \$1,350 (funded).

**Hanson J.** Herbert D. and Nylda Gemple Research Grant, 2010, ADA Foundation, \$5,000 (funded).

**Hanson J.** Invited Application, Omega-3 Fatty Acids and Cognitive Outcomes in Soldiers Deployed to Combat Areas, Congressionally Directed Medical Research Program, \$553,886 (not funded).

**Hanson J.** Jean Hankin Nutritional Epidemiology Research Grant, 2009, ADA Foundation, \$5,000 (not funded).

## **MEMBERSHIPS**

Academy of Nutrition and Dietetics; Kansas Dietetic Association  
Behavioral Health Nutrition & Research Dietetic Practice Groups (Awards Chair)  
Sports Cardiovascular and Wellness Nutrition Practice Group

## **ADDITIONAL COURSE WORK/TRAINING**

2014 Captains Career Course, US Army Medical Department  
2013 Qualitative Data Analysis, University of Minnesota, School of Public Health  
2012 United States Tennis Association Recreational On-Court Training Workshop  
2012 Certificate of Training in Childhood & Adolescent Weight Management  
2011 Biomedical Investigator Training, Collaborative Institutional Training Initiative  
2008 Fundamentals of Epidemiology, University of Minnesota, School of Public Health

## **SERVICE/VOLUNTEER ACTIVITY**

Graduate Faculty Committee member, Master of Public Health (MPH) Faculty Committee member, Coordinated Program/ MS Taskforce member, Program Area (Dietetics) Committee (PAC) member, Kansas State University, 2014-present.

Awards Chair, Research Dietetic Practice Group, 2016

Nominating Chair, Research Dietetic Practice Group, 2015

Nominating Committee Member, Research Dietetic Practice Group, 2013-14

Reviewer, *Military Medicine*, 2012-present

Reviewer, *Journal of the Academy of Nutrition and Dietetics*, 2016

University Senate, Louisiana Tech University, 2013-2014

Recruitment Committee, Mission and Vision Committee, Nutrition and Dietetics Program Development Committee, School of Human Ecology, Louisiana Tech University, 2012-2014

Food and Nutrition Conference and Expo, Abstract Criteria Ad Hoc Committee, April 2013

Presentation, Association of Catholic Tech Students, March 2013 & January 2014

President, Human Nutrition Graduate Student Organization 1/2008-5/2009

Member, International Activities Committee, Kansas State University 8/2008-5/2009

Nutrition Counseling, Kansas State University Women's Tennis Team, 2007-2010

Manhattan Catholic Schools Wellness Committee, 2008-10

Former Guest Speaker: Lansing Middle School Wellness Club, Girl Scout Troop #5586, Boy Scout Pack #273, and Piper Middle School

## **GRADUATE COMMITTEES (Kansas State University)**

Angela Spencer, MS Committee Chair

Non-Thesis Report: Using Advanced Lipids and Fasting Insulin Levels to Individualize Nutrition Recommendations and Treat the Metabolic Syndrome, Spring 2017

Mardelyn Schultz, MS Committee Chair

Non-Thesis Report: Practice Paper on the Dietary Factors Involved in the Management of Inflammation, Fall 2016

Mania Fanaeian, MS Committee Member

Role of Clinical Dietitian in Acute Setting, Fall 2016

Erin Commons, MS Committee Chair

Non-Thesis Report: The Effects of an Interdisciplinary Health Coaching Model in Worksite Wellness: Weight Loss, Physical Activity, and Diet Quality – an Internal Research Study, Spring 2015

Emily Patton, PhD Committee Member

Dissertation: The Dietetics Leadership Identity Project: Leadership Taxonomy in Clinical Practice, Spring 2015

Meike Orlick, MS Committee Member

Non-Thesis Report: New Onset Diabetes after Transplant, Summer 2015

Rebecca Reisdorf, MS Committee Member

Non-Thesis Report: Environmental Scanning: A Review of the Dietetics Profession, Summer 2015

Sean O'Hara, MS Committee Member

Clinical Practice Recommendations for Dietetic Practitioners on the use of Oral Nutritional Supplements, Fall 2015

## **GRADUATE COMMITTEES (Louisiana Tech University)**

Whitney Johnson, Committee Chair

Thesis: Clinical Outcomes among Obese and Non-Obese Radiation Oncology Patients, Spring 2014

Lisa Phillips, Committee Co-Chair

Thesis: Attention-Deficit/Hyperactivity Disorder Symptomatology and Nutrient-Related Health Measures among College Students, Fall 2013.

Meredith McKinney, Committee Member

Non-Thesis Report: Relationship between Sugar-Sweetened Beverage Intakes and Body Mass Index in Caucasian Women, Spring 2013.

Marjorie Cordaro, Committee Member

Non-Thesis Report: Obesity in the United States and the Implication of Beverage Consumption as a Contributing Factor, Spring 2013.

Katie Wehmeier, Committee Member

Non-Thesis Report: The Effect of Pre-Surgical Glucose Levels on Surgery Outcomes, Spring 2013.

## **TEACHING EXPERIENCE**

### **Kansas State University:**

Instructor for FNDH 620 (Nutrient Metabolism) fall semester 2016. A three credit course that provided basic concepts of the mechanisms of actions, interactions, and the processes of cellular assimilation and utilization of nutrients in humans. Emphasis on the coordinated control of nutrient utilization among the major organs.

Instructor for FNDH 880 (Graduate Seminar). One credit class taught spring semester 2016 and 2017.

Instructor for HMD 570 (Introduction to Research in Dietetics Practice). One credit class taught fall semester 2015. Introduction to basic research design in dietetics with application of the research to evidenced based practice using the Evidence Analysis Library of the Academy of Nutrition and Dietetics.

Instructor for FNDH 130 (Careers in Nutrition and Dietetics) fall semester 2015 and 2016. An introduction to career opportunities in the field of nutrition and dietetics with emphasis on academic preparation, acquisition of professional credentials, and career laddering. Guest speakers from various areas of professional practice will supplement lectures and student assignments.

Instructor for HMD 720 (Administration of Health Care Organizations) spring semester 2015-2017. This was a three credit graduate course that provided a comprehensive review of today's health care institutions and their response to the economic, social/ethical, political/legal, technological, and ecological environments.

Instructor for HMD 220 (Environmental Issues in Hospitality) fall semester 2014 and spring semester 2015. This was a three credit introductory course that provided an overview of environmental issues that impact the hospitality industry. The course included principles of foodborne disease, blood borne pathogens, Hazard Analysis Critical Control Point (HACCP) system, food safety principles and applications, workplace safety, conservation of natural resources, solid waste management, air quality, and governmental regulations in the hospitality industry.

Primary instructor for HN 132 (Basic Nutrition) spring semester 2009. This was a three-credit introductory course on the basic concepts of human nutrition and the application of these concepts to personal food choices and health. Nearly two hundred students were enrolled in this course. Assessment of learning objectives was accomplished through the use of tests, quizzes, on-line assignments, and the completion of a personal diet analysis project. I was supported by one teaching assistant.



Teaching assistant for HN 630 (Clinical Nutrition) spring semester 2007 and spring semester 2008. Lectured in Clinical Nutrition on: a) metabolic stress, b) liver and biliary tract diseases, c) counseling for change, and d) enteral and parenteral nutrition. I was also a teaching assistant for HN 600 (Public Health Nutrition) fall semester 2006 and lectured in Public Health Nutrition on: a) assessing nutritional status of populations, b) policymaking, and c) marketing health and nutrition.

**Louisiana Tech University:**

Instructor for FNU 543 (Nutrition and Worksite Wellness) spring quarter 2013. This is a three-credit online graduate course on wellness programs in the community and includes assessment, planning, implementation, and evaluation of programs.

Instructor for FNU 253 (Sports Nutrition) winter and spring quarter 2013, fall and winter 2014. This is a three-credit introductory course on the nutrient needs and food related issues in exercise for wellness and training for competitive athletes.

Instructor for FNU 404 (Human Nutrition Biochemistry II) winter quarter 2013 and 2014. This is a three-credit upper division course designed to provide a means for integration of nutrition, biochemistry and physiology in relation to vitamins, minerals and water.

Instructor for FNU 547 (Childhood Weight Issues & Management) fall quarter 2012. This is an online graduate course designed to provide a comprehensive overview of the pediatric obesity epidemic, and the most recent recommendations regarding screening, assessment, and treatment of overweight youths.

Primary instructor for HN 132 (Basic Nutrition) spring semester 2009. This was a three-credit introductory course on the basic concepts of human nutrition and the application of these concepts to personal food choices and health. Nearly two hundred students were enrolled in this course. Assessment of learning objectives was accomplished through the use of tests, quizzes, on-line assignments, and the completion of a personal diet analysis project. I was supported by one teaching assistant.

Teaching assistant for HN 630 (Clinical Nutrition) spring semester 2007 and spring semester 2008. Lectured in Clinical Nutrition on: a) metabolic stress, b) liver and biliary tract diseases, c) counseling for change, and d) enteral and parenteral nutrition. I was also a teaching assistant for HN 600 (Public Health Nutrition) fall semester 2006 and lectured in Public Health Nutrition on: a) assessing nutritional status of populations, b) policymaking, and c) marketing health and nutrition.

**Cloud County Community College:**

Primary instructor for HE 124 (Nutrition) and for BE 122 (Medical Office Vocabulary) fall semester 2010.

**Kansas City Kansas Community College:**

Primary instructor for BIOLO 121 (General Biology) summer semester 2004. This was a five credit introductory biology course which included a laboratory component. I was also the primary instructor for BIOLO 145 (Nutrition) spring semester 2005 and spring semester 2006.

**University of Saint Mary:**

Developed and was the primary instructor for BI 161(Principles of Nutrition) fall semester 2005. This was a three credit course newly added to support the re-established nursing program.

**Providence Medical Center:**

Provided classroom and one-on-one education on basics of nutrition, carbohydrate counting, and gestational diabetes. I taught approximately two to three classes a week from January 2005 through March 2006. Group classes were typically five to ten clients in size.

**University of Nevada:**

Teaching assistant for Diet Therapy fall semester 1995. I taught several laboratory classes for this course including nutritional assessment of adults and nutritional assessment of children. During spring semester 1996, I was a teaching assistant for Human Nutrition and Introduction to Dietetics.