

Kerry Donnelly Peterson, PhD, RD, CD

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Education

- Ph.D. Nutrition, 2005, University of Minnesota
Dissertation Title: *Sources of Fatty Acids in Hepatic and Lipoprotein Triacylglycerol: Studies in Transgenic Mice and in Humans with Nonalcoholic Fatty Liver Disease.*
Advisor: Elizabeth J. Parks, Ph.D.
- R.D. Dietetic Internship for Graduate Students, January-July 2005
University of Minnesota (University of Minnesota Medical Center Fairview)
- B.A. Biology, 2000, Mount Holyoke College

Certifications and Advanced Training

- CDR Registration # 919967
Certified Dietitian with the State of WI Credential Number: 3262 - 29
Commission on Dietetic Registration Certificate of Training in Obesity Interventions for Adults, May 2018
Mental Health First Aid Certification, 2018

Faculty Appointments and Teaching Experience

- S23-Present **Director**, Dietetic Internship Department of Kinesiology, Health, Food & Nutritional Sciences, University of Wisconsin-Stout Wisconsin's Polytechnic University
- Su21-Present **Department Chair**, Department of Kinesiology, Health, Food & Nutritional Sciences, University of Wisconsin-Stout Wisconsin's Polytechnic University
- F2020-present **Professor**, Department of Kinesiology, Health, Food & Nutritional Sciences, University of Wisconsin-Stout Wisconsin's Polytechnic University
- Su15-S18 **Department Chair**, Department of Food and Nutrition, University of Wisconsin-Stout Wisconsin's Polytechnic University
- Su13-present **Associate Professor**, Department of Food and Nutrition, University of Wisconsin-Stout Wisconsin's Polytechnic University
- F08-S13 **Assistant Professor**, Department of Food and Nutrition, University of Wisconsin-Stout Wisconsin's Polytechnic University
- S08-S09 **Instructor**, College of Continuing Education, University of Minnesota
- S08 **Adjunct Instructor**, Department of Food and Nutrition, University of Wisconsin-Stout Wisconsin's Polytechnic University
- F05-S06 **Adjunct Instructor**, Department of Food Science and Nutrition, University of Minnesota

Courses Taught

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| FN 736 Micronutrients (online) | FN 102 Nutrition for Healthy Living |
| FN 737 Macronutrients (online) | FN 207 Medical Terminology (online) |
| FN 702 Controversies in Nutrition and Dietetics | UMN FSCN 1112 Principles of Nutrition (distance and online course) |
| FN 320/520 Advanced Nutrition | UMN NUTR 5623W Regulation of Energy Balance |
| FN 355/555 Sports Nutrition | UMN FSCN 3102 Introduction to Food Science Laboratory |
| FN 432 Introduction to Research in Nutrition and Dietetics | UMN FSCN 5621 Nutrition and Metabolism (fat metabolism section) |
| FN 312/512 Nutritional Assessment | |

Research and Professional Experience:

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| January 2019-Present | Private Nutrition Coaching |
| December 2006- August 2008 | Study Coordinator , Division of Renal Diseases and Hypertension, University of Minnesota Medical School |
| May 2006- January 2007 | Program Coordinator , Department of Food Science and Nutrition, University of Minnesota |
| June 2000 – December 2004 | Research Assistant , Department of Food Science and Nutrition, University of Minnesota |

Awards and Honors

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| F19-S20 | Merle Price Mentor-Mentee Professorship for the College of Education, Hospitality, Health and Human Sciences. |
| 2017 | Honorary Member , Phi Upsilon Omicron, Tau Chapter |
| F15-S16 | Maybelle Ranney (Brechlin) Price Professorship , College of Education, Health and Human Sciences, University of Wisconsin-Stout Wisconsin's Polytechnic University |
| 2012; 13; 15 | Nominee, UW Stout College of Education, Health and Human Sciences Outstanding Undergraduate Teacher of the Year (ranked in top 5 out of 67 faculty) |
| 2010 | UW Stout Grad Faculty & Grad Student Cooperative Achievement Award |
| 2001-2003 | Novartis Nutrition Award |

Publications and Presentations

Peer-Reviewed Publications and National and State Conference Presentations (poster and oral)

- Ignasiak KR and **Peterson KD**. Implementation and Evaluation of a Small-Scale Farm to School Program in Rural Wisconsin Elementary Schools. *Journal of Hunger and Environmental Nutrition* 2020;15:6, 809-826, DOI: 10.1080/19320248.2020.1721392
- Bond B, Dahl M, Heidelberger L, **Peterson K**, and Ostenson K. The Prevalence of Orthorexia Nervosa in Dietetic vs. Non-Dietetic Students at University of Wisconsin-Stout. Annual meeting of the Wisconsin Academy of Nutrition and Dietetics, March 22, 2019, Madison, WI. **Awarded 2nd place outstanding abstract**. This poster was also presented at the annual meeting of the Minnesota Academy of Nutrition and Dietetics in April 2019
- Helget K, Robey J, Kalscheur J, McManus M, and **Peterson K**. Implementation and evaluation of the Farm to School program in the school district of the Menomonie area elementary schools. National Farm to Cafeteria conference June 2016, Madison, WI. This poster was also presented at the annual meeting of the Wisconsin Academy of Nutrition and Dietetics, April 21, 2016, Wisconsin Dells, WI.
- Vorland CJ and **Peterson KD**. Contribution of dietary fat to high-density lipoprotein triglyceride during nocturnal hypertriglyceridemia. *FASEB Journal* 2014;28:821.12. Poster presentation, Experimental Biology '14, April 2014, San Diego, CA.
- Ewoldt J and **Peterson KD**. The relationship between age, gender, and hedonic hunger. *Stout Journal of Student Research* 2012;11:197-209.
- **Peterson KD**, Langreck ER, Parks EJ. An in vivo method for the measurement of cholesterol ester transfer protein (CETP) activity in humans. *FASEB Journal* 2011;25:105.6. Oral presentation, Experimental Biology '11, April 2011, Washington DC.
- Welcher RM and **Peterson KD**. Addition of wheat dextrin to a caloric beverage consumed prior to a meal and its impact on satiety and energy intake. *Stout Journal of Student Research* 2011;10:63-71.
- Harper L, Seaborn C, **Peterson K**, Klem J. The Impact of Macronutrient Intake and Exercise on body Image among Female College Undergraduate Students. *Journal of the American Dietetic Association* 2010;110(9 supplement):110.
- **Donnelly KL**, Smith CI, Schwarzenberg SJ, Jessurun J, Boldt MD, Parks EJ. Sources of fatty acids stored in liver and secreted via lipoproteins in patients with nonalcoholic fatty liver disease. *Journal of Clinical Investigation* 2005;115:1343-51.
- **Donnelly KL**, Margosian MR, Sheth SS, Lusic AJ, Parks EJ. Increased lipogenesis and fatty acid reesterification contribute to hepatic triacylglycerol stores in hyperlipidemic Txnip -/- mice. *Journal of Nutrition* 2004;134(6):1475-80.

- **Donnelly KL**, Smith, CI, Schwarzenberg, SJ, Boldt, MD, Jessurun, J, Parks, EJ. Postprandial lipid metabolism in nonalcoholic fatty liver disease (NAFLD). *Hepatology* 2004;40(4):426A abstract 603. Poster presentation, American Association for the Study of Liver Diseases, The Liver Meeting, October 2004, Boston, MA.
- **Donnelly KL**, Smith CI, Schwarzenberg SJ, Boldt MD, Parks EJ. Stable isotope methodology to identify sources of fat in liver biopsy tissue from patients with nonalcoholic fatty liver disease (NAFLD). *Diabetes* 2004;56(3):A53 abstract 226-OR. Oral presentation, American Diabetes Association, 64th Scientific Sessions, June 2004, Orlando, FL.
- **Donnelly KL**, Sheth SS, Lusic AJ, Parks EJ. Measurement of lipid turnover in a mouse model of hyperlipidemia. *FASEB Journal* 2002;16(4 (Part 1)):A633 abstract 485.8. Poster presentation, Experimental Biology '02, April 2002, New Orleans, LA.

Select Student Poster Presentations:

- Ramquist L, Pettit L, Mallon R, Ramlakhan V, Lee EJ, and **Peterson KD**. Knowledge, Beliefs, and Use of Dietary Protein and Protein-Based Supplementation Among UW-Eau Claire Track and Field Athletes. UW-Stout Research Day, April 2018
- Vorland, C and **Peterson KD**. Contribution of dietary fat to HDL-Triglyceride. UW-Stout Research Day, April 2013
- Sell, L and **Peterson KD**. Dietary supplement use in high school athletes. UW-Stout Research Day, April 2013
- Price, R and **Peterson KD**. Perceptions of caffeine for performance enhancement among endurance athletes. UW-Stout Research Day, April 2012
- Langreck E, Seaborn C, Parsons A, **Peterson KD**. Atherogenic dyslipidemia in nonalcoholic fatty liver disease. UW-Stout Research Day, April 2010 **Award for top poster.**
- Bronner K, Barnhart C, Mooney C, **Peterson KD**. Consumer perceptions of front-of-package traffic light food labeling. UW-Stout Research Day, April 2010

Research Grants and Awards

- UW-Stout Student Research Grant entitled: *Prevalence of orthorexia among college students and comparing the occurrence between dietetic and applied science students* **\$400 funded; Role, Research Co-Advisor**
- St. Croix Valley Master Gardeners Association Grant entitled: *Farm to school in River Falls*; 03/15-11-15; **\$240, funded; Role, PI.**
- UW-Stout Student Research Grant entitled: *Implementation and Evaluation of the Farm to School Program in Menomonie School District Elementary Schools*; 10/13-05/14; **\$1,004, funded; Role, Research Co-Advisor**
- WI Department of Trade and Consumer Protection: *AmeriCorps Farm to School Program Site Application*. 08/13, 08/14; **funded; Role, Co-Supervisor**
AmeriCorps Farm to School promotes healthy eating habits, decreases childhood obesity and increases access to local foods in school. We are one of 14 sites in WI hosting AmeriCorps Farm to School members.
- National Institute of Health Academic Research Enhancement Award (R15) entitled: *Impact of dietary fat on fed state lipid transfer and HDL composition*. Submitted 05/12; **\$394,084, not funded; Role, PI**
The overall goal of this proposal was to utilize a stable isotope methodology to test how the quantity of fat in a meal impacts in vivo dietary triglyceride transfer into HDL in subjects with and without high blood fats.
- UW-Stout Student Research Grant entitled: *Contribution of dietary fat to high-density lipoprotein triglyceride*; 03/12-05/13; **\$1,998, funded; Role, Research Advisor**
The purpose of this project is to quantify the contribution of dietary fat to the fat in HDL in obese subjects during nocturnal hypertriglyceridemia.
- ➤ CEHHS Student Research Initiative Grant entitled: *Contribution of dietary fat to high-density lipoproteins*, 05/12-05/13; **\$6,032, funded; Role, PI**
The purpose of this companion grant is to provide salary support for Colby Vorland, a student in our Master's program in Food and Nutritional Sciences, to work on my research to quantify the contribution of dietary fat to HDL-TG in obese subjects during nocturnal hypertriglyceridemia.
- ➤ UW-Stout Faculty Research Initiative Grant entitled: *Atherogenic dyslipidemia in non-alcoholic fatty liver disease*, 01/09-08/10; **\$10,928 funded; Role, PI**
The goal of this project was to quantify HDL cholesterol concentrations in obese subjects with fatty liver and determine the proportion of HDL-triglyceride that is derived from the fat synthesis pathway during the fed state.

This project served as a thesis project for Elizabeth Langreck who was a student in our Master's program in Food and Nutritional Sciences. Ms. Langreck presented her preliminary research at the UW Stout Research Day in April 2010, and she won the highest award for her poster.

- Merck Investigator Initiated Research Proposal entitled: *An in vivo method for the measurement of CETP activity in humans*, Submitted 10/10, **\$70,000, not funded; Role PI**
- Isotec Investigator Initiated Project entitled: *Triglyceride production in patients with nonalcoholic fatty liver disease*, 09/06-09/07; **\$1,500; funded; Role PI**

Professional Development Grants

- UW Stout Professional Development Grant 4/18, **\$721; funded**. These dollars supported travel to the Certificate of Training in Obesity Interventions for Adults, 2018, which is advanced training offered through the Commission on Dietetic Registration.
- UW Stout Professional Development Grant 1/14, **\$1000; funded**. These dollars supported travel to Experimental Biology, 2014, in San Diego, CA, which is a major national conference for scientific disciplines.
- UW System & WiSys Technology Foundation Assistance for Extramural Grant Application, 03/11; **\$3,500; funded**. These dollars provided summer salary to prepare my external grant application to the NIH.
- UW Stout Professional Development Grant 11/10, **\$2,101; funded**. These dollars supported travel to Experimental Biology, 2011, in Washington DC, which is a major national conference for scientific disciplines.

Graduate Student Thesis Committees (Completed Students Only)

- Mallory Brask (Spring 2022)
- Heidi Schiedermayer (Spring 2021)
- Emily Ostrow (Spring 2020, **Plan B Advisor**)
- Elizabeth Bronk (Spring 2018)
- Kelly Woehrer (Fall 2017, **Plan B Advisor**)
- Deanna Jagielo (Spring 2017)
- Heidi Lochen (Spring 2017)
- Kara Helget (Fall 2015, **Plan B Advisor**)
- Aric Gregg (Fall 2014)
- Sami Althwab (Fall 2013)
- Colby Vorland (Spring 2013, **Chair**)
- Laura Sell (Summer 2013, **Plan B Advisor**)
- Stacy Buss (Spring 2013)
- Darby Simpson (Spring 2013)
- Shelly Falls (Spring 2013)
- Tera-Lise Orr (Summer 2012, **Plan B Advisor**)
- Amy Erickson (Summer 2012, **Chair**)
- Rebecca Price (Summer 2012, **Plan B Advisor**)
- Krysta Butkus (Spring 2012)
- Jason Ewoldt (Summer 2011, **Chair**)
- Shatha Alattar (Spring 2011)
- Anhar Alkhamis (Spring 2011)
- Elizabeth Langreck (Spring 2011, **Chair**)
- Kara Bronner (Summer 2009, **Chair**)
- Robin Welcher (Spring 2009)
- Laurelyn Harper (Spring 2009)

Other Scholarly Activities

Professional Commentary, Presentations, and Interviews

- Profile by Sanford Monthly Meeting, Eau Claire, WI. Title: *Nutrition & Women's Health: A Virtual Discussion*. August 11, 2020 and December 1, 2020.
- Kindness Kitchen, Stepping Stones Food Pantry, Menomonie, WI. Title: Healthy shopping and cooking on a budget; November 19, 2019. This was a collaborative presentation hosted by the UW-Stout Center for Wellbeing.
- Stout Expo Day, University of Wisconsin Stout, Menomonie, WI. Title: Measuring the body; March 15, 2019
- Growing Healthy Kids Program, River Falls, WI. Eight weekly nutrition education lessons to 4th grade students; Summer 2018 and Summer 2019
- Stout Summit, University of Wisconsin Stout, Menomonie, WI. Title: Calorie and body fat assessment; October 7, 2016.
- Take2 News Blog, University of Wisconsin Stout, Menomonie, WI. Title: *College nutrition tips from and expert*; February 6, 2016.
- Dunn County Master Gardener's Association, Menomonie, WI. Title: *Is Local food more nutritious?* January 19, 2016.
- Stout Summit, University of Wisconsin Stout, Menomonie, WI. Title: *Farm to School in Menomonie and eating locally*; October 3, 2015.
- CEHHS Improving Lives Forum, University of Wisconsin Stout, Menomonie, WI. Title: *Mindful eating*; May 1, 2014.

- CEHHS Improving Lives Forum, University of Wisconsin Stout, Menomonie, WI. Title: *Healthy Super bowl snacks*; February 1, 2014.
- Wisconsin Public Radio, Spectrum West. Interview topic: *Trans fats*; January 9, 2014.
- UW-Stout News. Interview topic: *FDA proposal to remove trans fats from GRAS list*; November 8, 2013. This story was featured on campus, in the Eau Claire Leader-Telegram and on the first page of the Dunn County News.
- Dunn County News, Farm Outlook. Interview topic: *Farm to School in Menomonie*; Fall, 2013.
- CEHHS Brown Bag Presentation, University of Wisconsin Stout, Menomonie, WI. Title: *When HDL get fat*; October 4, 2013.
- UW-Stout News. Interview topic: *Diet and weight tips for a new year*; January 12, 2013.
- Sustainability Across the Curriculum Network, University of Wisconsin Stout, Menomonie, WI. Title: *Sustainability in the nutrition curriculum*; May 4, 2012.
- Center for Applied Ethics, University of Wisconsin Stout, Menomonie, WI. Title: *Ethics of Processed Food and its Impact on Nutrition and Health*; February 22, 2010.
- Applied Science Seminar Series, Applied Sciences Program, University of Wisconsin Stout, Menomonie, WI. Title: *Liver Fat Metabolism in Insulin Resistance*; December 10, 2009.
- Monthly Group Meeting, Sigma Sigma Sigma Sorority, University of Wisconsin Stout, Menomonie, WI. Title: *MyPyramid.gov*; November 6, 2008.
- Association of University Women-River Falls Branch, River Falls, WI. Title: *From Food Guide Pyramid to food shelf: Enhancing food security through conscious donations*. April 14, 2005
- Biotechnology Seminar, Biotechnology Program, University of Wisconsin-River Falls, River Falls, WI. Title: *Determining the sources of triglyceride in liver and lipoproteins in Non Alcoholic Fatty Liver Disease (NAFLD) using GC/MS*. December 8, 2003

Peer Review, Consulting, and Scientific Advisory

- Nutrition Standards Writing Committee, WI Department of Public Instruction, Madison, WI. 11/2022-12/2022
- Manuscript Reviewer, *JHEN*, 10/2022; *Nutrition Research*, 08/2014; Stout Journal of Student Research, 12/2015
- Grant Reviewer; UW-Stout Research Services Faculty Research Initiative Grant, 11/2013.
- Nutrition Education; BodyRox Fitness Group, January 2013-May 2013
- Client satisfaction survey design, data collection, and analysis; River Falls Food Pantry, July 2009-March 2010.
- GC/MS methodology development for glycerol analysis; UT South Western Medical Center, July 2008.
- Lipoprotein isolation for NIH-funded study; UT South Western Medical Center, June 2010.

Equipment Acquisition

- GE Lunar Prodigy Dual-Energy Xray Absorptiometry (DEXA) scanner, April 2017
- In fall 2010, I negotiated a Gift-In-Kind for the Department/University of an Ultracentrifuge worth \$10,000.

SERVICE

Student Support Service:

- Faculty Advisor, UW-Stout Nutrition Educators, Spring 2016-Spring 2020
- Faculty Advisor, Stout Student Dietetic Association, Fall 2009-Spring 2016
- Academic Advisor, ~10-15 undergraduate students in UW-Stout Dietetics program

Departmental Service: I have actively served on 10 search and screen committees and have Chaired the following:

- **Chair**, Search Committee for Food and Nutrition Academic Department Associate, Spring 2018
- **Chair**, Personnel Committee, 2017-2018; 2019-2020
- **Chair**, Promotion Committee, Fall 2013; Spring 2021
- **Co-Chair**, Search Committee for Nutrition Faculty Position, Fall 2013
- **Chair**, Search Committee for Dietetic Internship Director/ Lecture Position, Summer 2012
- **Alternate Chair**, Departmental Promotion Committee, Fall 2008
- **Chair**, Nutrition Faculty meetings, Fall 2009-Fall 2013

College Service

- CEHHHS Executive Council, Fall 2015-Spring 2018
- CEHHHS Full Council, Fall 2015-Spring 2018.
- CEHHS Governance Committee, Fall 2009-Spring 2013. As an active member of the College Governance Committee, I drafted the application for the CEHHS Student Research Initiative Grant in the fall of 2011.
- UW-Stout College Level Promotion Committee, Fall 2009
- *University Service*
- Equity, Diversity, and Inclusion Committee, Spring 2022- present. Serve as notetaker
- Faculty Senate, Fall 2020- Spring 2023; Alternate, Fall 2013-Spring 2016; Attended meetings Fall 2015-Spring 2016
- General Education Committee, Fall 2014-Spring 2015
- Note taker, UW-Stout Engagement Sessions, Fall 2014, 15, 16, 17
- UW-Stout Research Safety Committee, Spring 2011-spring 2016
- UW Stout Optimal Health Advisory Committee in Fall 2010-Spring 2014. As an active member of Optimal Health Committee I drafted the group's purpose and goals statement and worked with the committee to improve the quality of vendors participating in the Wellness Fair.

Community Service

- River Falls School District Food Service Advisory Committee, River Falls, WI. 09/15-present
- River Falls School District Farm to School Committee, River Falls, WI. 04/15-04/17
- Volunteer for Walk On Therapeutic Walking Program, River Falls, WI. 04/14-04/17
- Panel Reviewer for the American Association of University Women, RF-branch, Women in Science Contest, 10/09,10/10

Additional Service

- UW-Stout Health, Wellness and Fitness major Advisory Board, Spring 2010-11
- UW-Stout Dietetic Internship Selection Committee, Fall 2008-present
- UW-Stout Dietetic Internship Advisory Board, Fall 2008-present
- UW-Stout Dietetic Program Advisory Board, Fall 2008-present

Membership and Service to Professional Organizations

- American Society for Nutrition, 2002-2020
 - Energy and Macronutrient Metabolism Research Interest Section
- The Academy of Nutrition and Dietetics (formerly American Dietetic Association), 2001-present
 - Weight Management Practice Group 2018-present
 - Hunger and Environmental Nutrition Dietetic Practice Group, 2012-present
 - Sports, Cardiovascular, and Wellness Nutritionists Dietetic Practice Group, 2009-present
- The Wisconsin Academy of Nutrition and Dietetics, 2011-present
 - Facebook Ad Hoc Committee, Fall 2009-Spring 2010
- Minnesota Dietetic Association, 2001-2008
- American Association of University Women (River Falls Branch) 2004-2009; VP of Programming, 2005-2007

FACULTY DEVELOPMENT

Learning Communities, Conferences, and Workshops

- Nutrition and Dietetic Educators and Preceptors Annual Meeting, 03/2023
- Food and Mood: A Therapist's Guide to the Role of Nutrition in Mental Health conference attendee, 08/2020
- International Society for Sports Nutrition annual conference attendee, 06/2019
- Commission on Dietetic Registration Certificate of Training in Obesity Interventions for Adults, 05/2018
- Wisconsin Farm to School Summit attendee, 06/2013
- Nancy Clark Sports Nutrition Workshop attendee, 10/2012
- UMN Obesity Center, Obesity Research Day attendee, 06/2012, 11/2015
- UW Stout *Interdisciplinary Teaching* Learning Community participant, Fall 2010-Spring 2012
- UW Stout *Laptops in the Classroom* Learning Community participant, Spring 2010

- University of Minnesota Healthy Foods Healthy Lives Institute annual conference attendee, 09/2009 and 09/2010
- Wisconsin Dietetic Association annual conference attendee, 04/2009, 04/2010, 04/2012, 04/2013, 04/2014, 04/16, 04/18, 04/22
- Lynn Miner grant writing workshop participant, 09/2008
- UW-Stout New Instructor Workshop participant, Fall 2008
- Wisconsin Science and Technology Symposium attendee, 07/2008

Skills

Laboratory and Skills

- Body Composition analysis via DEXA, Bioelectrical impedance Analysis, and skin folds
- Dietary assessment
- Laboratory safety, handling of biohazardous material
- Gas chromatography/mass spectrometry
- Lipoprotein isolation and fractionation
- Thin layer chromatography
- Lipid extraction

Study Coordination and Management Skills

- Recruitment and consent of patients, including HIPPA consent
- Coordination of multiple doctors, nurses, and patients
- Management of patient hospital data
- Obtaining and maintaining protocol approval with Institutional Review Board
- UV/visible spectroscopy (enzymatic assays)