

CURRICULUM VITAE

**Kristina S. Petersen PhD, Accredited Practicing Dietitian (APD),
BNutDiet(Hons), FAHA**

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QUALIFICATIONS & EDUCATION

- 2012 ***Doctor of Philosophy in Nutrition***,
– 2015 School of Pharmacy and Medical Sciences, University of South Australia,
Adelaide, Australia
Thesis title: The effect of dietary quality on vascular structure and function in
people with type 1 and type 2 diabetes
Advisor: Dr. Jennifer Keogh; Co-Advisor: Dr. Peter Clifton
Conferral 22nd October 2015; Graded: [1] Pass Forthwith by all reviewers
- 2008 ***Bachelor of Nutrition and Dietetics (First Class Honours)***
– 2011 Flinders University,
Adelaide, Australia

EMPLOYMENT HISTORY

- Aug 2020 - ***Assistant Professor (Tenure Track)***
Department of Nutritional Sciences, Texas Tech University, Lubbock, TX, USA
- Mar 2018 ***Assistant Research Professor***
– Aug 2020 Department of Nutritional Sciences, Pennsylvania State University
University Park, PA, USA
- July 2017 ***Research Associate***
– Mar 2018 Dr. Penny Kris-Etherton's Laboratory, Department of Nutritional Sciences,
Pennsylvania State University
University Park, PA, USA
- July 2016 ***Honorary Research Fellow***
– July 2018 Food Policy Division, The George Institute for Global Health
Sydney, Australia
- July 2016 ***Postdoctoral Research Fellow***
– July 2017 Dr. Penny Kris-Etherton's Laboratory, Department of Nutritional Sciences,
Pennsylvania State University
University Park, PA, USA
- July 2015 ***Postdoctoral Research Fellow***
– July 2016 Food Policy Division, The George Institute for Global Health, Sydney,
Australia; School of Medicine, The University of Sydney
Sydney, Australia
- 2014 ***Visiting PhD Candidate***
Division of Diabetes, Endocrinology and Metabolism, Division of Medicine,
Imperial College London. Project: Dietary quality on vascular function: The
Airwave Health Monitoring Study
- 2014 ***Research Dietitian***
– 2015 The MedLey study investigating the effect of an Australianised Mediterranean
diet on cardiovascular health and cognitive function in Australians aged 65
years and above in a 6-month dietary intervention trial. Dr Karen Murphy,
Nutritional Physiology Research Centre, School of Health Sciences, University
of South Australia, Adelaide, Australia
- 2013 ***Research Assistant***
– 2015 Associate Professor Jennifer Keogh's Laboratory, School of Pharmacy and
Medical Sciences, University of South Australia, Adelaide, Australia

FUNDED RESEARCH GRANTS

2020-2022	California Walnut Commission Improvements in Gut (Microbial) Metabolism with Walnut Consumption (USD \$153,920)	Role: Primary Investigator
2020	McCormick Science Institute The Effect of Chronic Consumption of Popular Spices on the Gut Microbiome (USD \$43,480)	Role: Co-Primary Investigator
2019 – 2022	American Pecan Council Cardiometabolic effects of including pecans as a snack in dietary patterns that vary in diet quality: a randomized, controlled feeding, crossover study (USD \$450,000)	Role: Co-Primary Investigator
2019 – 2021	American Pistachio Growers The effect of pistachios on risk factors for cardiometabolic disease in individuals with pre-diabetes: a randomized, cross-over study (USD \$300,000)	Role: Co-Primary Investigator
2018 – 2020	Hass Avocado Board A Multi-Center Randomized Controlled Trial to Assess the Effect of Avocado Consumption on Visceral Adiposity: Habitual diet and Avocado Trial (USD \$1,540, 000)	Role: Co-Primary Investigator
2018	California Walnut Commission The Role of Walnuts in Cholesterol Metabolism: An Ancillary Study (Effects of Walnuts on Central Blood Pressure, Arterial Stiffness Indices, Lipoproteins, and other CVD Risk Factors) (USD \$41,698)	Role: Co-Primary Investigator
2018 – 2020	The Peanut Institute The role of the microbiome in blood glucose regulation in response to peanut consumption, (USD \$175,000)	Role: Co-Primary Investigator
2018 – 2020	ACH Foods The association between n-6 polyunsaturated fatty acids and risk factors for cardiovascular disease: an NHANES analysis, (USD \$123,755)	Role: Co-Primary Investigator
2018 – 2020	National Health and Medical Research Council (Australia- Federal) Project Grant, Exploring the impact of the sodium-to-potassium ratio on longitudinal adolescent trajectories of blood pressure and cardiovascular risk, (AUD \$75,000)	Role: Chief Investigator C
2017 – 2020	Alliance for Potato Research and Education The effect of potatoes on markers of cardiometabolic health (USD \$180,000)	Role: Co-investigator
2017	National Health and Medical Research Council, Early Career Fellowship (Australia – Federal) A practical new method of measuring population salt intake (AUD \$318,768)	Role: Chief Investigator A
2017	Heart Foundation of Australia, Postdoctoral Fellowship A practical new method of measuring population salt intake	Role: Chief Investigator
2016	Heart Foundation of Australia, Postdoctoral Fellowship A practical new method of measuring population salt intake	Role: Chief Investigator
2016 – 2021	National Health and Medical Research Council (Australia – Federal) Centres for Research Excellence, Reducing salt intake using food policy interventions (AUD \$2,491,067.25)	Role: Associate Investigator

TEACHING EXPERIENCE

2021-	Instructor NS 5370 Carbohydrates, Protein and Lipids in Nutrition
2020-	Instructor NS 4360 Intro to Nutrition Research
2018	Instructor 490 W Nutrition Seminar (3 credit)
– 2019	Pennsylvania State University
2019	Instructor 496, Independent Studies
– 2020	Pennsylvania State University
2016	Guest lecturer, Pennsylvania State University
– 2020	NUTR 551 Nutrition Seminar Graduate Course NUTR 597 Special Topics Graduate Course NUTR490W Nutrition Seminar
2013	Tutor in the Masters of Dietetics Program, University of South Australia,
– 2015	Adelaide, Australia Topics included Research Methods in Dietetics, and Research and Evaluation in Dietetic Practice.

STUDENT SUPERVISION

Current	Student: Nazura Chowdhury
	Program: PhD Nutritional Sciences, Texas Tech University, USA
	Role: Advisor & Doctoral Committee Chair
	Student: Philip Sapp
	Program: PhD Nutritional Sciences, Pennsylvania State University, USA
	Role: Co-Mentor and Doctoral Committee Member
	Student: Terrence Riley
	Program: PhD Nutritional Sciences, Pennsylvania State University, USA
	Role: Co-Mentor
	Student: Faith Bala
2020	Program: PhD Nutritional Sciences, Texas Tech University, USA
	Role: Doctoral Committee Member
	Student: Phrashiah Githinji
	Program: PhD Nutritional Sciences, Texas Tech University, USA
	Role: Doctoral Committee Member
	Student: Mauricio Martinez
	Program: PhD Kinesiology & Sport Management, Texas Tech University, USA
	Role: Qualifying Exam Committee Member (Outside Member)
	Student: Hannah Morris
	Program: Bachelor of Nutritional Sciences (Honors), Pennsylvania State University, USA
	Project: The effect of spice intake on flow mediated dilation
	Role: Honors' Thesis Advisor
	Expected Graduation: Spring 2021
	Student: Diana Priestley
	Program: Bachelor of Biology, Pennsylvania State University, USA
	Project: The correlation between pulse wave velocity and flow mediated dilation in adults with enlarged waist circumference
	Role: Honors' Thesis Advisor & Faculty Marshal for the Department of Biology
	Graduation: May 2020

- Student:** Emily Johnston
Program: PhD Nutritional Sciences, Pennsylvania State University, USA
Project: Potato Intake Compared to Refined Grains in Healthy Adults: Cardiometabolic Risk Factors, Dietary Intake, Gut Microbiota and Short Chain Fatty Acids
Role: Co-Mentor and Doctoral Committee Member
Graduation: May 2020
- Student:** Valerie Sullivan
Program: PhD Nutritional Sciences, Pennsylvania State University, USA
Project: Dried Fruit Consumption: Effects on Cardiometabolic Health and Contributions to Nutrient Intakes and Diet Quality In U.S. Adults
Role: Co-Mentor and Doctoral Committee Member
Graduation: May 2020
- 2019 **Student:** Joshua Johnson
Program: Bachelor of Nutritional Sciences and Biobehavioral Health (Honors), Pennsylvania State University, USA
Project: Weight loss, diet quality, and quality of life
Role: Honors' Thesis Advisor
Graduation: December 2019
- 2018 **Student:** Joseph Santos
Program: Master of Philosophy (Medicine), University of Sydney, Australia
Project: Measurement of population salt intake in Fiji and Samoa
Role: Master's Thesis Co-advisor
Grade: Degree awarded with no corrections required to his thesis
Conferral Date: April 2018
- 2016 **Student:** Hannah Munday
Program: Bachelor of Nutrition and Dietetics (Honours), University of Newcastle, Australia
Project: Optimising the Health Star Rating System – addressing added sugars
Role: Honours Thesis Advisor
Grade: First class honours [published 1 manuscript]
- Student:** Samantha Stanton
Program: Master of Nutrition and Dietetics, University of Wollongong, Australia
Project: Determining phosphate levels of the Australian food supply
Role: Master's Research Project Co-advisor
- 2014 **Student:** Jacqueline Smith
Program: Master of Dietetics, University of South Australia, Australia
Project: Dietary intake in people with type 1 and type 2 Diabetes: Comparison of two methods of assessing dietary intake [published 1 manuscript]
Role: Master's Research Project Co-advisor
- Student:** Bridget Margrain
Program: Master of Dietetics, University of South Australia, Australia
Project: Assessment of compliance with a dietary intervention in a randomised controlled trial
Role: Master's Research Project Advisor
- 2013 **Student:** Lauren Jones
Program: Master of Dietetics, University of South Australia, Australia
Project: Dietary intake in people with type 1 and type 2 Diabetes:

Comparison of two methods of assessing dietary intake
Role: Master's Research Project Advisor
Student: Gayani Peiris
Program: Master of Dietetics, University of South Australia, Australia
Project: Dietary intake in people with type 1 and type 2 Diabetes: Comparison of two methods of assessing dietary intake
Role: Master's Research Project Advisor
Student: Rachael Wepener
Program: Bachelor of Medical Science, University of South Australia, Australia
Project: Dietary quality in people with type 1 and type 2 diabetes compared with healthy controls [published manuscript + 3 abstracts]
Role: Research Project Advisor

SCHOLARSHIPS, AWARDS, AND HONORS

2020	Fellow of the American Heart Association (FAHA)
2015	School of Pharmacy and Medical Sciences Postgraduate Award for Creativity and Originality of the Research; Students Comprehension of the Field; Significance and Utility of the Research as a Contribution to or as an Application of Knowledge; Impact of the Thesis through the Number and Level of International Publications (published, accepted) and Presentations
2012 – 2015	Australian Postgraduate Award + University of South Australia Rural and Isolated Top-up Scholarship
2011	University Medal, Flinders University; for outstanding academic performance
2009	Chancellor's Letter of Commendation; Grade Point Average >6.25 (out of 7)

PROFESSIONAL MEMBERSHIPS

American Society for Nutrition
 American Heart Association, member and fellow (FAHA)
 Academy of Nutrition and Dietetics
 Dietitians Association of Australia, Accredited Practising Dietitian (APD)

SERVICE & COMMUNITY ENGAGEMENT

2019 – Present	Liaison Nutrition Committee, American Heart Association
2018 – Present	Leadership Committee Liaison Council on Lifestyle and Cardiometabolic Health, American Heart Association
2019	Writing Group Member American Heart Association Science Advisory: Dietary Cholesterol and Cardiovascular Risk American Heart Association Scientific Statement: Feasibility, Efficacy, and Future Opportunities for Mobile Health Technology (mHealth) among Older Adults with Cardiovascular Disease American Heart Association Scientific Statement: Strategies for Promoting a Healthy Lifestyle Throughout Life
2016 – Present	Science of Salt Working Group Member An initiative of the World Hypertension League in partnership with the WHO Collaborating Centre on Population Salt Reduction
2018/2019	Abstract Reviewer Nutrition 2018, American Society for Nutrition's Annual Meeting

- Co-editor for the Nutrition Issue**
Current Atherosclerosis Reports
- 2017 **Author of a Continuing Education**
Today's Dietitian
Choosing Healthful Oils, K Petersen, V Sullivan, E Johnson, P Kris-Etherton, <https://ce.todaysdietitian.com/node/68273>
- Grant Review Panel Member**
Reviewer for grant proposal submitted for a professional development course taken by graduate students at The Pennsylvania State University
- Poster Judge**
Life Science Symposium held at The Pennsylvania State University
- Poster Judge**
Judge for poster presentations at the Undergraduate Exhibition held at Penn State University
- 2015 **Committee Member**
– 2016 Nutrition Society for Australia Sydney Branch
- Member**
University of Sydney Eat Better Working Group
- 2015 **Manuscript Reviewer for a Number of Journals**
– Present American Journal of Clinical Nutrition; Journal of Nutrition; International Journal of Epidemiology; Journal of Clinical Lipidology; Public Health Nutrition; Journal of the Academy of Nutrition and Dietetics; Current Developments in Nutrition; Nutrients; Nutrition & Dietetics; Arteriosclerosis, Thrombosis, and Vascular Biology; Hypertension; BMJ Open

PUBLICATIONS IN REFERRED JOURNALS

See my Elsevier Profile for a complete and up-to-date listing of my publications:

<https://pennstate.pure.elsevier.com/en/persons/kristina-petersen>

1. Schorr EN, Gepner AD, Dolansky MA, Forman DE, Park LG, **Petersen KS**, Still CH, Wang TY, Wenger NK, 2021, Feasibility, Efficacy, and Future Opportunities for Mobile Health Technology (mHealth) among Older Adults with Cardiovascular Disease and Risk Factors: A Scientific Statement from the American Heart Association, *Circ Cardiovasc Qual Outcomes*.14:e000103. DOI: 10.1161/HCQ.0000000000000103
2. Sullivan VK, **Petersen KS**, Fulgoni VL III, Eren F, Cassens ME, Bunczek MT, Kris-Etherton PM, 2021, Greater scores for dietary fat and grain quality components underlie higher total HEI-2015 scores, while whole fruits, seafood, and plant proteins are most favorably associated with cardiometabolic health in US adults, *Current Developments in Nutrition*, doi:10.1093/cdn/nzab015
3. Fleming JA, Kris-Etherton PM, **Petersen KS**, Baer DJ, 2020, Effect of varying quantities of lean beef as part of a Mediterranean-style dietary pattern on lipids and lipoproteins: a randomized crossover controlled feeding trial, *American Journal of Clinical Nutrition*, [accepted]
4. Santos JA, Li KC, Huang L, McLean R, **Petersen K**, Luca Di Tanna G, Webster J, 2020, Change in mean salt intake over time using 24-hour urine versus overnight and spot urine samples: a systematic review and meta-analysis, *Nutrition Journal*, 19:136; doi:10.1186/s12937-020-00651-8
5. **Petersen KS***, Freeman A*, Kris Etherton PM, Williams K, Reddy KR, Aggarwal M, Barnard ND, Ornish D, Esselstyn CB, Allen K, Aspary K, 2020, The Importance of a

Healthy Lifestyle in the Era of COVID-19, *International Journal of Disease Reversal and Prevention*, 3(1),10.

* Authors are co-first authors. Both contributed equally to the paper.

6. **Petersen KS**, Bowen KJ, Tindall AM, Sullivan VK, Johnston EA, Fleming JA, Kris-Etherton PM, 2020, The Effect of Inflammation and Insulin Resistance on Lipid and Lipoprotein Responsiveness to Dietary Intervention, *Current Developments in Nutrition*, doi: 10.1093/cdn/nzaa160
 7. Johnston EA, **Petersen KS**, Beasley JM, Krussig T, Mitchell DC, Van Horn LV, Weiss R, Kris-Etherton PM, 2020, Relative Validity and Reliability of a Diet Risk Screener (DRS) for Clinical Practice, *BMJ Nutrition, Prevention & Health*, doi:10.1136/bmjnp-2020-000134
 8. **Petersen KS**, Sullivan VK, Fulgoni VL, Eren F, Cassens ME, Bunczek MT, Kris-Etherton PM, 2020, Circulating levels of essential fatty acids, linoleic and alpha-linolenic acid, in U.S. adults in 2003-04 and 2011-12 and the relationship with risk factors for cardiometabolic disease: A National Health and Nutrition Examination Survey (NHANES) analysis, *Current Developments in Nutrition*, 4(10); doi: 10.1093/cdn/nzaa149
 9. Sullivan VK, Na M, Proctor DN, Kris-Etherton PM, **Petersen KS**, 2020, Consumption of dried fruits is associated with greater intakes of underconsumed nutrients, higher total energy intakes, and better diet quality in US adults: a cross-sectional analysis of the National Health and Nutrition Examination Survey, 2007-16, *Journal of the Academy of Nutrition and Dietetics*, doi: 10.1016/j.jand.2020.08.085
 10. Lichtenstein AH, **Petersen K**, Barger K, Hansen KE, Anderson C, Baer DJ, Lampe JW, Rasmussen H, Matthan NR, 2020, Perspective: Design and Conduct of Human Nutrition Randomized Controlled Trials, *Advances in Nutrition*, doi: 10.1093/advances/nmaa109
 11. Enkhmaa B*, **Petersen KS***, Kris-Etherton PM, Berglund L, 2020, Diet and Lp(a): Does Dietary Change Modify Residual Cardiovascular Risk Conferred by Lp(a)? *Nutrients*, 12(7), 2024; doi: 10.3390/nu12072024
- * Authors are co-first authors. Both contributed equally to the paper.
12. Sullivan VK, **Petersen KS**, Kris-Etherton, 2020, Dried fruit consumption and cardiometabolic health: a randomized crossover trial, *British Journal of Nutrition*, 124(9):912-921
 13. **Petersen KS**, Malta D, Rae S, Dash S, Webster J, McLean R, Thout SR, Campbell NRC, Arcand J, 2020, Further evidence that methods based on spot urine samples should not be used to examine sodium-disease relationships from the Science of Salt: A regularly updated systematic review of salt and health outcomes (November 2018 to August 2019), *The Journal of Clinical Hypertension*, doi: 10.1111/jch.13958
 14. Psota TL, Tindall AM, Lohse B, Miller PE, **Petersen KS**, Kris-Etherton PM, 2020, The Weight Optimization Revamping Lifestyle using the Dietary Guidelines (WORLD) study: Sustained Weight Loss Over 12 Months, *Obesity*, doi: 10.1002/oby.22824.
 15. **Petersen KS**, Rogers CJ, West SG, Proctor DN, Kris-Etherton PM, 2020, The effect of culinary doses of spices in a high-saturated fat, high-carbohydrate meal on postprandial lipemia and endothelial function: a randomized, controlled, crossover pilot trial, *Food & Function*, doi: 10.1039/c9fo02438g.
 16. Kris-Etherton PM*, **Petersen KS***, Hibbeln J, Hurley D, Kolick V, Peoples S, Rodriguez N, Woodward-Lopez G, 2020, Nutrition and Behavioral Health Disorders: Depression and Anxiety, *Nutrition Reviews*, doi: 10.1093/nutrit/nuaa025.

* Authors are co-first authors. Both contributed equally to the paper.

17. Oh ES, **Petersen KS**, Kris-Etherton PM, Rogers CJ, 2020, Spices in a High-Saturated Fat, High-Carbohydrate Meal Reduce Postprandial Proinflammatory Cytokine Secretion in Men with Overweight or Obesity: a 3-Period, Crossover, Randomized Controlled Trial *Journal of Nutrition*, doi: 10.1093/jn/nxaa063.
18. Kris-Etherton PM*, **Petersen KS***, Velarde G, Barnard N, Miller M, Ros E, O'Keefe J, Williams K, Van Horn L, Na M, Shay C, Douglass P, Katz DL, Freeman AM, 2020, Barriers, opportunities, and challenges in addressing disparities in diet-related cardiovascular disease in the U.S, *Journal of the American Heart Association*, 9(7):e014433.
* Authors are co-first authors. Both contributed equally to the paper.
19. Tindall AM, Kris-Etherton PM, **Petersen KS**, 2020, Replacing saturated fats with unsaturated fats from walnuts or vegetable oils lowers atherogenic lipoprotein classes without increasing lipoprotein (a), *Journal of Nutrition*, doi: 10.1093/jn/nxz313
20. Johnston EA, **Petersen KS**, Kris-Etherton PM, 2020, Daily intake of non-fried potato does not affect markers of glycemia and is associated with better diet quality compared to refined grains: A randomized, crossover study in healthy adults, *British Journal of Nutrition*, doi: 10.1017/S0007114520000252
21. Carson JS, Lichtenstein AH, Anderson CAM, Appel LJ, Kris-Etherton PM, Meyer KA, **Petersen K**, Polonsky T, Van Horn L, 2019, Dietary Cholesterol and Cardiovascular Risk: A Science Advisory from the American Heart Association, *Circulation*, doi: 10.1161/CIR.0000000000000743
22. Tindall AM, McLimans CJ, **Petersen KS**, Kris-Etherton PM, Lamendella R, 2019, Walnuts and vegetable oils containing oleic acid differentially affect the gut microbiota and associations with cardiovascular risk factors: follow-up of a randomized, controlled, feeding trial in adults at risk for cardiovascular disease, *Journal of Nutrition*, doi:10.1093/jn/nxz289
23. Tindall AM, **Petersen KS**, Skulas-Ray AC, Richter CK, Proctor DN, Kris-Etherton PM, 2019, Replacing Saturated Fat with Walnuts or Vegetable Oils Improves Central Blood Pressure and Serum Lipids in Adults at Risk for Cardiovascular Disease: A Randomized, Controlled-feeding Trial, *Journal of the American Heart Association*, e011512. doi: 10.1161/JAHA.118.011512
24. Kris-Etherton PM, Richter CK, Bowen KJ, Skulas-Ray AC, Harris Jackson K, **Petersen KS**, Harris WS, 2019, Recent Clinical Trials Shed New Light on the Cardiovascular Benefits of Omega-3 Fatty Acids, *Methodist DeBakey Cardiovascular Journal*, 15(3):171-8.
25. Santos JA, Sparks E, Hogendorf M, Trieu K, Pillay A, Leremia M; Naseri L, Tukana I; Snowdon W; **Petersen K**; Webster J, 2019, Estimating mean population salt intake in Fiji and Samoa using spot urine samples, *Nutrition Journal*, 18(1):55.
26. McLean RM, Petersen K, Arcand J, Malta D, Rae S, Raj S, Trieu K, Campbell NRC, 2019, Science of Salt: A regularly updated systematic review of salt and health outcomes studies (April to October 2018), *The Journal of Clinical Hypertension*, doi: 10.1111/jch.13611
27. Mohammadifard N, Marateb H, Mansourian M, Khosravi A, Abdollahi Z, Campbell NRC, Webster J, **Petersen K**, Sarrafzadegan N, 2019, Can methods based on spot urine samples be used to estimate average population 24-hour sodium excretion? Results from Isfahan Salt Study, *Public Health Nutrition* [in press; accepted June 6 2019]

28. Niven P, Morley B, Dixon H, Martin J, Jones A, **Petersen K**, Wakefield M, 2019, Effects of Health Star labelling on the healthiness of adults' fast food meal selections: an experimental study, *Appetite*, doi:10.1016/j.appet.2019.01.018
29. Tindall AM, Johnston EA, Kris-Etherton PM, **Petersen KS**, 2019, The effect of nuts on markers of glycemic control: a systematic review and meta-analysis of randomized controlled trials, *American Journal of Clinical Nutrition*, doi.org/10.1093/ajcn/nqy236
30. **Petersen KS**, Rae S, Venos E, Malta D, Trieu K, Santos JA, Raj TS, Webster J, Campbell NRC, Arcand J, 2018, Paucity of High Quality Studies Reporting on Salt and Health Outcomes from The Science of Salt: A regularly updated systematic review of salt and health outcomes (April 2017 to March 2018), *The Journal of Clinical Hypertension*, doi: 10.1111/jch.13450
31. Malta D, **Petersen KS**, Santos J, Johnson C, Trieu K, Rae S, Jefferson K, Wong M, Raj T, Webster J, Campbell N, Arcand J, 2018, High sodium intake increases blood pressure and risk of kidney disease from the Science of Salt: A regularly updated systematic review of salt and health outcomes (August 2016 to March 2017), *The Journal of Clinical Hypertension*, doi: 10.1111/jch.13408
32. Kris-Etherton PM, **Petersen KS**, Van Horn L, 2018, Convincing Evidence Supports Reducing Saturated Fat to Decrease Cardiovascular Disease Risk, *BMJ Nutrition, Prevention & Health*, doi: 10.1136/bmjnp-2018-000009
33. Tindall AM, **Petersen KS**, Lamendella R, Shearer GC, Murray-Kolb LE, Proctor DN, Kris-Etherton PM, 2018, Tree Nut Consumption and Adipose Tissue Mass: Mechanisms of Action, *Current Developments in Nutrition*, doi.org/10.1093/cdn/nzy069
34. Tindall AM, **Petersen KS**, Kris-Etherton PM, 2018, Dietary Patterns Affect the Gut Microbiome - The Link to Risk of Cardiometabolic Diseases, *The Journal of Nutrition*, 48(9): 1402–1407
35. Jacobs DR, **Petersen KS**, Svendsen K, Ros E, Sloan CB, Steffen LM, Tapsell LC, Kris-Etherton PM, 2018, Considerations to facilitate a US study that replicates PREDIMED, *Metabolism*, 85: 361-367
36. **Petersen KS**, Keogh JB, Lister NB, Clifton PM, 2018, Dietary quality and carotid intima media thickness in type 1 and type 2 diabetes: follow-up of a randomised controlled trial, *Nutrition, Metabolism and Cardiovascular Diseases*, 28(8): 830-838
37. Bowen KJ, Sullivan VK, Kris-Etherton PM, **Petersen KS**, 2018, Nutrition and Cardiovascular Disease- An Update, *Current Atherosclerosis Reports*, 20(2): 8
38. Land MA, Neal B, Johnson C, Nowson C, Margerison C, **Petersen K**, 2018, Salt intake of Australian adults: a systematic review and meta-analysis, *Medical Journal of Australia*, 208(2): 75-81
39. Yin X, Neal B, Tian M, Li Z, **Petersen K**, Komatsu Y, Feng X Wu Y, 2018, Sodium and potassium content of a 24h urinary collection: A comparison between a field- and laboratory- based analyser, *Public Health Nutrition*, 21(6): 1036-1042
40. **Petersen KS**, Flock MR, Richter CK, Mukherjea R, Slavin JL, Kris-Etherton PM, 2017, Healthy dietary patterns for preventing cardiometabolic disease: the role of plant-based foods and animal products, *Current Developments in Nutrition*, 1(12): cdn.117.001289
41. Menday H, Neal B, Wu JHY, Crino M, Baines S, **Petersen KS**, 2017, Use of added sugars instead of total sugars may improve the capacity of the Health Star Rating system to discriminate between core and discretionary foods, *Journal of the Academy of Nutrition and Dietetics*, 117: 1921-1930
42. Trevena H, **Petersen K**, Thow AM, Dunford E, Wu JHY, Neal B, 2017, Effects of an advocacy program on food industry salt reduction efforts - a cluster-randomized trial, *Nutrients*, 9(10): pii E1128
43. Johnson C, Santos JA, McKenzie B, Thout SR, Trieu K, McLean R, **Petersen KS**, Campbell NRC, Webster J, 2017, The Science of Salt: A regularly updated systematic review of the implementation of salt reduction interventions (September 2016 to February 2017), *The Journal of Clinical Hypertension*, 19(10): 928-938

44. Briggs MA, **Petersen KS**, Kris-Etherton PM, 2017, Saturated fatty acids and cardiovascular disease: replacements for saturated fat to reduce cardiovascular risk, *Healthcare*, 5(2): pii E29
45. **Petersen KS**, Johnson C, Mohan S, Rogers K, Shivashankar R, Thout SR, Gupta P, He FJ, Macgregor GA, Webster J, Santos JA, Krishnan A, Maulik PK, Reddy KS, Gupta R, Prabhakaran D, Neal B, 2017, Estimating population salt intake in India using spot urine samples, *Journal of Hypertension*, 35(11): 2207-2213
46. Dunford E, Wu JH, Wellard L, Watson W, Crino M, **Petersen K**, Neal B, 2017, A comparison of the Health Star Rating system when used for restaurant fast foods and packaged foods, *Appetite*, 117: 1-8
47. Santos JA, Webster J, Land MA, Flood V, Chalmers J, Woodward M, Neal B, **Petersen KS**, 2017, Dietary salt intake in the Australian population, *Public Health Nutrition*, 20(11): 1887-1894
48. **Petersen KS**, Keogh JB, Lister N, Weir JM, Meikle PJ, Clifton PM, 2017, Association between dairy intake, lipids and vascular structure and function in diabetes, *World Journal of Diabetes*, 8(5): 202-212
49. **Petersen KS**, Keogh JB, Meikle PJ, Garg ML, Clifton PM, 2017, Clinical and dietary predictors of common carotid artery intima media thickness in a population with type 1 and type 2 diabetes: A cross-sectional study, *World Journal of Diabetes*, 8(1): 18-27
50. **Petersen KS**, Wu JHY, Webster J, Grimes C, Woodward M, Nowson C, Neal B, 2017, Estimating mean change in population salt intake using spot urine samples, *International Journal of Epidemiology*, 46(5): 1542-1550
51. Huang L, Crino M, Wu JHY, Woodward M, Land M, McLean R, Webster J, Enkhtungalag B, Nowson C, Elliott P, Cogswell M, Toft U, Mill JG, Furlanetto TW, Ilich JZ, Hong YH, Cohall D, Luzardo L, Noboa O, Holm E, Gerbes A, Senousy B, Kara SP, Brewster LM, Ueshima H, Subramanian S, Teo BW, Allen N, Choudhury SR, Polonia J, Yasuda Y, Campbell NRC, Neal B, **Petersen KS**, 2016, Reliable quantification of the potential for equations based on spot urine samples to estimate population salt intake: protocol for a systematic review and meta-analysis, *JMIR Research Protocols*, 5(3): e190
52. **Petersen KS**, Clifton PM, Lister N, Keogh JB, 2016, Effect of improving dietary quality on arterial stiffness in subjects with type 1 and type 2 diabetes: a 12 month randomised controlled trial, *Nutrients*, 8(6): pii: E382
53. Do HTP, Santos JA, Trieu K, **Petersen K**, Le MB, Lai DT, Bauman A, Webster J, 2016, Effectiveness of a Communication for Behavioural Impact (COMBI) intervention to reduce salt intake in a Vietnamese Province based on estimations from spot urines, *The Journal of Clinical Hypertension (Greenwich)*, 18(11): 1135-42
54. **Petersen KS**, Clifton PM, Lister N, Keogh JB, 2016, Effect of weight loss induced by energy restriction on measures of arterial compliance: a systematic review and meta-analysis, *Atherosclerosis*, 247:7-20
55. **Petersen KS**, Clifton PM, Blanch N, Keogh JB, 2015, Effect of improving dietary quality on carotid intima media thickness in subjects with type 1 and type 2 diabetes: a 12-month randomized controlled trial, *American Journal of Clinical Nutrition*, 102(4): 771-779
56. **Petersen KS**, Blanch N, Keogh JB, Clifton PM, 2015, Effect of weight loss on pulse wave velocity: systematic review and meta-analysis, *Arteriosclerosis, Thrombosis, and Vascular Biology*, 35(1): 243-52
57. Blanch N, Clifton PM, **Petersen KS**, Keogh JB, 2015, Effect of Sodium and Potassium Supplementation on Vascular and Endothelial Function – A Randomized Control Trial, *American Journal of Clinical Nutrition*, 101(5): 939-46
58. **Petersen KS**, Smith JM, Clifton PM, Keogh JB, 2015, Dietary intake in adults with Type 1 and Type 2 Diabetes: validation of the Dietary Questionnaire for Epidemiological Studies version 2 FFQ against a 3-d weighed food record and 24-h urinalysis, *British Journal of Nutrition*, 114(12): 2056-63

59. **Petersen KS**, Rushworth RL, Clifton PM, Torpy DJ, 2015, Recurrent nocturnal hypoglycaemia as a cause of morning fatigue in treated Addison's disease - favourable response to dietary management: a case report, *BMC Endocrine Disorders*, 15:61
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1. **Petersen KS**, 2019, The Dilemma with the Soy Protein Health Claim, *Journal of the American Heart Association*, DOI: 10.1161/JAHA.119.013202
2. **Petersen KS**, Clifton PM, Lister N, Keogh JB, 2016, Reply to: "Effect of weight loss induced by energy restriction on measures of arterial compliance: A systematic review and meta-analysis", *Atherosclerosis*, 252: 203-204

OTHER PEER-REVIEWED PUBLICATIONS

Petersen K, Sullivan V, Johnston E, Kris-Etherton P, 2017, Choosing Healthful Oils, *Today's Dietitian Continuing Education Course*

NON-PEER REVIEWED PUBLICATIONS

Petersen KS, Kris-Etherton PM, Prevention of Cardiovascular Disease Starts in Childhood, Published May 20 2017, National Academy of Medicine, <https://nam.edu/prevention-of-cardiovascular-disease-starts-in-childhood>

CHAPTERS

Sapp PA, Riley TM, Tindall AM, Johnston EA, Sullivan VK, **Petersen KS**, Kris-Etherton PM, Nutrition & Atherosclerotic Cardiovascular Disease, in Marriott BP, Birt DF, Stallings VA, and Yates AA (eds.) Present Knowledge in Nutrition: Clinical and Applied Topics in Nutrition, Eleventh Edition, Volume 2, Published in 2020, Amsterdam, Netherlands: Elsevier, pp. 393-411.

Sapp PA, Johnston J, **Petersen K**, Fleming J, Kris-Etherton PM, Medical Nutrition Therapy for Lipid and Lipoprotein Disorders, in Therapeutic Lipidology, Second Edition

Sullivan V, **Petersen K**, Kris-Etherton P, Dried Fruits and Cardio-Metabolic Syndrome (Endothelial Function, Inflammation, and Blood Pressure), in Health Benefits of Nuts and Dried Fruits published by CRC Press/Taylor & Francis, First Edition, Published in 2020

BOOKS

Spice Up, Slim Down: A guide to adding spice to your diet to improve your health and lose weight, by Melina B. Jampolis M.D (Author), Kristina Petersen PhD (Contributor), available at: www.amazon.com

UNPUBLISHED DOCUMENTS

1. Petersen K, Fast Food KJ Analysis, Prepared for The NSW Ministry of Health, June 2016
2. Petersen K, Wu J, Webster J, Neal B, Estimating change in mean population salt intake over time – a comparison of findings based on 24hr urine samples and spot urine samples, Presented at October 2015 Technical Meeting on Salt Reduction and Prevention of Hypertension, at the World Health Organization, Geneva, Switzerland.

CONFERENCE PRESENTATIONS

Invited Speaker

- 2020** American Oil Chemists Society Annual Meeting [Virtual], Session Market forward innovations: Canola- journey from sustainable farming to sustainable products, Presentation Title “Canola Oil and Cardiovascular Risk: An Update on Recent Research”, July 3 2020. Available online at <https://doi.org/10.21748/am20.27>
- 2019** American Heart Association Scientific Sessions, Session Nutrition Consensus vs. Controversies: Advising your Patients, Presentation Title Eggs - Perspective From the American Heart Association, November 16 2019.
- American Oil Chemists Society Annual Meeting, Session Structural Determinants of the Metabolic Response for Lipids, Presentation Title “Replacement of Saturated Fat with Unsaturated Fat from Different Food Sources: Implications for Cardiovascular Risk”, May 6 2019.
- American Oil Chemists Society Annual Meeting, Session Healthy Oils at the Heart of Personalized Medicine, Presentation Title “Heart Health and Beyond: The Latest Research on Fatty Acids”, May 6 2019.
- 2018** American College of Cardiology Annual Scientific Session, Session Eat This, Not That! Reducing CVD Risk with Food and Nutrition, March 12 2018.

Abstracts Accepted for Oral Presentations

1. Tindall A, Kris-Etherton P, **Petersen K**, 2019, Replacing Saturated Fats With Unsaturated Fats From Walnuts or Vegetable Oils Favorably Affects Lipoprotein Classes Without Increasing Lipoprotein (a), American Heart Association Scientific Sessions, Philadelphia, USA
2. Oh ES, **Petersen KS**, Kris-Etherton PM, Rogers CJ, 2019, The Postprandial Effect of Spice Consumption Delivered in a High-Fat Meal on Pro-Inflammatory Cytokine Secretion in Overweight/Obese Men, ASN Nutrition, Baltimore, USA
3. Tindall AM, McLimans CJ, **Petersen KS**, Kris-Etherton PM, and Lamendella R, 2019, Walnuts and Vegetable Oils Differentially Affect the Gut Microbiome and Associations with Cardiovascular Risk Factors, ASN Nutrition, Baltimore, USA
4. Fleming JA, Kris-Etherton PM, **Petersen KS**, Baer DJ, 2019, Effect of a Mediterranean Diet with Varying Quantities of Lean Beef on non-HDL and HDL Lipid Particles: A Randomized Cross-over Trial, ASN Nutrition, Baltimore, USA

5. Fleming JA, Kris-Etherton PM, **Petersen KS**, Baer DJ, 2019, The Dose-Response Effect of a Mediterranean Style Diet with Lean Beef on Lipids and Lipoproteins, EPI|LIFESTYLE 2019 Scientific Sessions, Houston, USA
6. **Petersen KS**, Keogh JB, Blanch N, Clifton PM, The effect of improving dietary quality on measures of vascular structure and function in a population with diabetes, Presented at the 2015 Joint Annual Scientific Meeting of the Nutrition Society of New Zealand and the Nutrition Society of Australia, Wellington, New Zealand.
7. Lister NB, **Petersen KS**, Clifton PM, Keogh JB, Effects of weight loss and dietary quality on endothelial function – a pilot study, Presented at the 2015 Joint Annual Scientific Meeting of the Nutrition Society of New Zealand and the Nutrition Society of Australia, Wellington, New Zealand.
8. **Petersen KS**, Keogh JB, Blanch N, Clifton PM, The effect of improving dietary quality on measures of vascular structure and function in a well-controlled population with diabetes, Presented at the 2015 International Symposium on Atherosclerosis, Amsterdam, Netherlands.
9. Blanch N, **Petersen KS**, Clifton PM, Keogh JB, Effect of increased potassium and sodium on endothelial and vascular function, Presented at the 2015 European Meeting on Hypertension and Cardiovascular Protection, Milan, Italy.
10. **Petersen KS**, Clifton PM, Keogh JB, The dietary predictors of pulse wave velocity in a cohort with diabetes, Presented at the 2014 Nutrition Society of Australia Annual Scientific Meeting, Hobart, Australia.
11. Blanch N, **Petersen KS**, Clifton PM, Keogh JB, Effects of increased potassium and sodium on endothelial and vascular function. Presented at the 2014 Nutrition Society of Australia Annual Scientific Meeting, Hobart, Australia.
12. Blanch N, **Petersen KS**, Clifton PM, Keogh JB, Effects of increased potassium and sodium on endothelial and vascular function. Presented at the 2014 State of the Heart Congress, Annual scientific meeting for the International Society of Cardiovascular Pharmacotherapy, Australian Atherosclerosis Society, the High Blood Pressure Research Council of Australia, and the Australian Vascular Biology Society, Adelaide, Australia.
13. **Petersen KS**, Clifton PM, Keogh JB, Dietary intake and arterial compliance in a cohort of people with type 1 and type 2 diabetes, Presented at the 2014 Australian Society for Medical Research SA Scientific Meeting, Adelaide, Australia.
14. **Petersen KS**, Clifton PM, Keogh JB, The association between urinary sodium and potassium excretion and cardiovascular risk factors in people with diabetes, Presented at the 2013 Australian Society for Medical Research SA Scientific Meeting, Adelaide, Australia.
15. **Petersen KS**, Torpy DJ, Chapman IM, Guha S, Clifton PM, Turner K, Keogh JB, Food label education does not reduce sodium intake in people with type 2 diabetes mellitus: a randomised controlled trial, Presented at the 2012 Nutrition Society of Australia Annual Scientific Meeting, Wollongong, Australia.
16. **Petersen KS**, Torpy DJ, Chapman IM, Guha S, Clifton PM, Turner K, Keogh JB, Education on label reading does not reduce dietary sodium intake in persons with type 2 diabetes mellitus within the current food supply: a randomised controlled trial, Presented at the 2012 Australian Society for Medical Research SA Scientific Meeting, Adelaide, Australia.

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Abstracts Accepted for Poster Presentations

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2. Oh E, **Petersen KS**, Kris-Etherton PM, Rogers C, 2020, The Effect of Chronic Spice Consumption on Plasma Pro-inflammatory Cytokine Levels and Monocyte Function in Adults with Overweight/Obesity, ASN Nutrition 2020, Live Online
3. Fleming J, Kris-Etherton PM, **Petersen KS**, Baer D, 2020, Effect of Mediterranean Diets with Varying Amounts of Lean Beef on Measures of Vascular Health, ASN Nutrition 2020, Live Online
4. Sullivan VK, Na M, Kris-Etherton PM, **Petersen KS**, 2020, Dried Fruit Consumption is Associated with Greater Diet Quality and Intakes of Shortfall Nutrients in NHANES 2007-16, ASN Nutrition 2020, Live Online
5. Skulas-Ray A, Richter CK, Gaugler T, Meily S, **Petersen KS**, Kris-Etherton PM, 2020, Dose-Response Effects of Strawberries on Atherogenic Lipoproteins: A Randomized Controlled Crossover Trial, ASN Nutrition 2020, Live Online
6. Johnston E, **Petersen K**, Kris-Etherton P, 2019, Potatoes and Cardiometabolic Health: A Randomized, Cross-over Study, American Heart Association Scientific Sessions, Philadelphia, USA
7. Sullivan V, **Petersen K**, Kris-Etherton P, 2019, Dried Fruit and Cardiometabolic Health: A Randomized, Cross-over Trial, American Heart Association Scientific Sessions, Philadelphia, USA
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10. Sullivan VK, **Petersen KS**, Kris-Etherton PM, 2019, Dried fruit and vascular health: a randomized crossover trial, ASN Nutrition, Baltimore, USA
11. Fleming JA, Kris-Etherton PM, **Petersen KS**, Baer DJ, 2018, Effect of Mediterranean Diet with Varying Levels of Lean Beef on Measures of Arterial Stiffness and Central Blood Pressure, American Heart Association Scientific Sessions, Chicago, USA
12. **Petersen KS**, West SG, Oh ES, Rogers CJ, Kris-Etherton PM, 2018, The effect of a high fat meal containing culinary doses of spices on postprandial endothelial function, lipids and lipoproteins, and glucose, ASN Nutrition, Boston, USA
13. Tindall AM, **Petersen KS**, Skulas-Ray AC, Richter CK, Proctor DN, Kris-Etherton PM, 2018, Saturated fat replacement with polyunsaturated fat (PUFA) from walnuts or monounsaturated fat (MUFA) lowers cardiovascular disease (CVD) risk factors, ASN Nutrition, Boston, USA
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1. Fleming J, Kris-Etherton P, **Petersen K**, Baer D, The Dose-Response Effect of a Mediterranean Style Diet With Lean Beef on Lipids and Lipoproteins, *Circulation*, 2018; 139 (Suppl_1): A045.
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