

CURRICULUM VITAE

University of Idaho

NAME: Virginia (Ginny) Lane

DATE: December 12, 2024

RANK OR TITLE: Assistant Professor

DEPARTMENT: Margaret Ritchie School of Family and Consumer Sciences

OFFICE LOCATION AND CAMPUS ZIP:

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DATE OF FIRST EMPLOYMENT AT UI: October 6, 2021

DATE OF TENURE: Untenured

DATE OF PRESENT RANK OR TITLE: October 6, 2021

EDUCATION BEYOND HIGH SCHOOL:

Degrees:

PhD, University of Saskatchewan, Saskatoon, SK, Canada, 2017, Human Nutrition
MA, University of Regina, Regina, SK, Canada, 2010, Social Studies
Dietetic Internship, Royal University Hospital, Saskatoon, SK, Canada, 1995, Clinical Nutrition
BS, University of Saskatchewan, Saskatoon, SK, Canada, 1994, Food and Nutrition

Certificates and Licenses:

Registered Dietician, 1995- Current

Professional/Research Development:

AuthorAid Online Course Facilitation, 2023
Certified Lean Improvement Leader, 2017
Summer Institute in Food Safety and Security, 2014
Tel Aviv University Manna Centre
Postdoctoral Research Associate, 2018-2019
University of Saskatchewan, School of Public Health
Food security among rural Indigenous population in Guatemala. Mentor: Hassan Vatanparast, PhD, MD

EXPERIENCE:

Teaching, Extension and Research Appointments:

Assistant Professor – Research Faculty
University of Idaho, College of Agricultural and Life Sciences, Margaret Ritchie School of Family and Consumer Sciences
2021 – Current

Adjunct Faculty
University of Saskatchewan, School of Public Health
2019 – present

Non-Academic Employment:

Scientific Writer
Canadian Academy of Health Sciences (2020-2021)

Senior Policy and Program Consultant
Saskatchewan Ministry of Health (2000-2020)
Lead provincial policy and programs related to long-term care, home care, seniors, fetal alcohol spectrum disorder and autism.

TEACHING ACCOMPLISHMENTS:**Areas of Specialization:**

Epidemiology of chronic diseases, community nutrition, global nutrition, food security, health care access for vulnerable populations

Courses Taught:University of Idaho

FN 450 Global Nutrition, FN 491 Community Nutrition, FN 591 Applied Community Nutrition, FCS 504 Applied Teaching FCS Professions, Ag Ed 407 Global Agriculture and Life Science Systems (In country study visit faculty supervisor)

University of Saskatchewan

Global Health Travel Course, 2017

Current Advances in Nutrition, 2021

Guest Lectures:

September 21, 2023, WWAMI Nutrition Course

September 22, 2022, WWAMI Nutrition Course

October 26, 2022, Ag Ed 406 Exploring International Agriculture course

Students Advised:

Postdoctoral Fellow:

Mayari Hengstermann 2019

German Retola 2021

Graduate Students:

Major *thesis advisor*:

Zoe Bye, Master of Public Health, thesis, School of Public Health, UofS, Graduated 2022

Raveen Rani, Master of Science (Nutritional Sciences), Graduated 2024

Hussain Qazaq, PhD (Nutritional Sciences), In progress

Rita Franco Gonzales, Master of Science (Nutritional Sciences), In progress

Served on graduate *thesis committee*:

Brenda Danquah, MSc, Family and Consumer Science, UI, Graduated 2024

Becky Woodhouse, MSc, Nutritional Sciences, UI

Izuchukwu Ejie, MSc., College of Pharmacy and Nutrition, UofS

Karim Karbin, PhD., College of Pharmacy and Nutrition, UofS

Marisa Desmarais, MSc., College of Pharmacy and Nutrition, UofS

Mojtaba Shafiee, PhD., College of Pharmacy and Nutrition, UofS, Graduated 2024

Lina Al-Kharabsheh, MSc., College of Pharmacy and Nutrition, UofS, Withdrew 2022

Samer Al-Bazz, PhD., College of Pharmacy and Nutrition, UofS, Graduated 2024

Katherine Hillier, MSc., College of Pharmacy and Nutrition, UofS, Graduated 2024

Pardis (Elsa) Keshavarz, PhD., College of Pharmacy and Nutrition, UoS, Graduated 2022

Courses Developed:

Global Health Travel Course, 2017

Current Advances in Nutrition, 2021

Community Nutrition, 2022

Applied Community Nutrition, 2022

Applied Teaching FCS Professions, 2023

Global Nutrition, 2023

Workshops, Seminars, Invited Presentations:

Immigrant and Refugee health. Medicine and Society Seminar, Saskatoon, Canada. 2024.

Intersectional lifespan research protocol to understanding diabetes among Latinas. Oral presentation at Idaho Health Priorities conference, Boise, Idaho, 2024.

Use of Intersectional lifespan research approach to understand factors associated with type 2 diabetes in Hispanic women living in Idaho. Oral presentation at Cobre seminar, Moscow, Idaho, 2024.

NIH Surefirst Success. Oral presentation to the UI NIH Surefirst grant writing success series, Moscow, Idaho, 2024.

Immigrant and refugee health. Medicine and Society Seminar, Saskatoon, Canada. 2023.

Bone Health of Malnourished Guatemalan Indigenous Children with Impaired Growth. Poster at the American Society for Nutrition, Boston, Massachusetts, 2023.

Intersectional lifespan research protocol to understand diabetes among Latinas. Oral presentation at the Idaho Healthcare Conference: Creating a Culture of Access, Twin Falls, Idaho, 2023.

Diet quality of plant-based and omnivore diets: a Canadian population-based analysis. Oral presentation and poster at the Idaho Academy of Nutrition and Dietetics, Boise, Idaho, 2023

Intuitive Eating. Invited presentation to Athena members, Moscow, Idaho, 2023.

Plant-based diets. Oral presentation at Idaho FCCLA, Boise, Idaho. 2022.

Immigrant and refugee health. Medicine and Society Seminar, Saskatoon, Canada. 2022.

Intergenerational Food Insecurity, Underlying Factors, and Opportunities for Intervention in Momostenango, Guatemala. Oral presentation at ASN Nutrition 2022 Conference, Online. 2022

Immigrant and refugee health. Medicine and Society Seminar, Saskatoon, Canada. 2021.

Climate change pushing Guatemalan families into food insecurity. QES-AS Next Gen Seminar, Ottawa, Canada. 2021.

Refugees are safe in Canada - but how about their nutritional health status? North American Refugee Health Conference, Ottawa, Canada. 2021.

How healthy are newcomer children? Nutritional concerns and healthcare access among immigrant children in Canada. National Newcomer Navigation Network Webinar, Toronto, Canada. 2021.

Newcomer challenges with accessing healthcare in Saskatchewan, Canada. North American Refugee Health Conference, Toronto, United States. 2020.

Taking action on dementia: Building better policy-research communication. Canadian Science Policy Conference, virtual, Canada. 2020.

Practical advances towards the 2030 agenda in Guatemala. People around the world conference, Saskatoon, Canada. 2020.

Dietary habits of newcomer children in Saskatchewan. Dietitians of Canada Saskatchewan Research Day, Regina, Canada. 2019.

Cultural competence of dietetic students. Nutrition and health status of new Canadians: readiness for culturally appropriate care, Toronto, Canada. 2019.

Dietetic practice in a multicultural context. Nutrition and health status of new Canadians: readiness for culturally appropriate care, Toronto, Canada. 2019.

Canadian newcomer children's bone health and vitamin D status. University of Saskatchewan Life and Health Sciences Research Expo, Saskatoon, Canada. 2019.

Nutrition transition and acculturation among newcomers. Life and health sciences research expo, Saskatoon, Canada. 2017.

Vitamin D insufficiency and inadequate bone mineral status in newcomer immigrant and refugee children in Canada. 8th international conference on children's bone health, Wursburg, Germany. 2017

Unpacking the health and nutritional risks of newcomer children: Clinically significant results. RQHR Research Showcase,

Regina, Canada. 2016.

Unpacking the health and nutritional risks of newcomer children's health risks: Clinically significant results. Canadian Student Health Research Forum, Winnipeg, Canada. 2016.

Refugee Crisis, Access to Food and Health, Are We Ready? 16th National Metropolis Conference, Toronto, Canada. 2016

Newcomer children's experiences in Saskatchewan's healthcare system. Child Health Trainee Research Day, Saskatoon, Canada. 2016.

Unpacking the Health and Nutritional Risks of Newcomer Children. Child Health Research Trainee Day, Saskatoon, Canada. 2015.

Unpacking Immigrant Children's Health Status: Focus on Dietary Adequacy/Food Security. Life and Health Science Research Day, Saskatoon, Canada. 2015.

Unpacking the Health and Nutritional Risks of Newcomer Children. Prevention Matters 2015, Saskatoon, Canada. 2015.

Health and Nutritional Risks of Newcomer Children in Canadian Food Environments. Food Environments in Canada Symposium and Workshop, Saskatoon, Canada. 2015.

Newcomer Experiences in our Saskatchewan Healthcare System. Global Health Conference, Saskatoon, Canada. 2015.

Health and Nutritional Risks of Newcomer Children in Canadian Food Environments. Canadian Nutrition Society Conference, Winnipeg, Canada. 2015.

Unpacking the Health and Nutritional Risks of Newcomer Children. College of Pharmacy and Nutrition Research Day, Saskatoon, Canada. 2015.

Student Posters and Presentations:

Rani, R., **Lane, G.** *Enhancing diabetes prevention through lifestyle modifications in Idaho.* Poster at American Diabetes Association conference, Orlando Florida, 2024

Rani, R., **Lane, G.** *Enhancing diabetes prevention through lifestyle modifications in Idaho.* Poster at ASN Nutrition 2024 conference, Chicago, Illinois, 2024.

Franco Gonzalez, R., **Lane, G.** *Say enough.* Oral presentation at World Vision Webinar, Guatemala City, 2024.

Sanchez, A., Monroy-Valle, M., **Lane, G.**, Vatanparast, H. Food Security and Child Stunting in Rural Guatemalan Households. Poster at People Around the World conference, Saskatoon, Canada, 2024.

Monroy-Valle, M., Cordon, K., **Lane, G.**, Vatanparast, H. *A diverse diet including dairy and fruit shows promise to improve growth and bone health in Mayan Children.* Poster at People Around the World conference, Saskatoon, Canada, 2024.

Toma, A., Monroy-Valle, M., **Lane, G.**, Vatanparast, H. *Female-led Guatemalan households are at high risk for food insecurity and childhood stunting.* Poster at People Around the World conference, Saskatoon, Canada, 2024.

Rani, R., **Lane, G.** *Enhancing Diabetes Prevention Through Lifestyle modifications in Idaho.* Poster presentation at MANNRRS Annual Meeting, Chicago, Illinois, 2024.

Rani, R., **Lane, G.** *Enhancing Diabetes Prevention Through Lifestyle modifications in Idaho.* Poster presentation at the Idaho Academy of Nutrition and Dietetics Conference, Moscow, Idaho, 2024.

Franco Gonzalez, R., Monroy-Valle, M., Vatanparast, H., **Lane, G.** *Migration is a coping strategy to face food insecurity in the Indigenous communities of Momostenango, Guatemala.* Poster presentation at the Idaho Academy of Nutrition and Dietetics Conference, Moscow, Idaho, 2024.

Franco Gonzalez, R., Monroy-Valle, M., Vatanparast, H., **Lane, G.** *Migration is a coping strategy to face food insecurity in the*

Indigenous communities of Momostenango, Guatemala. Poster presentation at the Institute for Health in the Human Ecosystem Conference, Moscow, Idaho, 2024.

Qazaq, H., **Lane, G.** *Scholar achievement and nutritional status: Do they correlate? A cross-sectional study for UAE elementary schoolchildren in Al-Ain City, UAE.* Poster presentation at the Idaho Academy of Nutrition and Dietetics Conference, Moscow, Idaho, 2024.

Sharpe, L., Thompson, M., **Lane, G.** *Food Insecurity in Juliaette, Idaho.* Poster presentation at the Idaho Academy of Nutrition and Dietetics Conference, Moscow, Idaho, 2024.

Shafiee, M., **Lane, G.**, Szafron, M., Pahwa, P., Vatanparast, H. *Exploring Dietary Choices Among Urban Indigenous Peoples in Saskatchewan: A Comparative Study of Traditional and Market Foods.* Poster presentation at the Canadian Nutrition Society Annual Conference, Edmonton, Alberta, 2024.

Desmarais, M., Vatanparast, H., **Lane, G.**, Monroy-Valle, M., Longworth, Z., Shafiee, M., Finkas, K., Lerat, L., Beaudin, E. *Exploring nutritional health, tackling type 2 diabetes, & crafting paths to a vibrant lifestyle through an Indigenous community-led initiative.* Poster presentation at the Canadian Nutrition Society Annual Conference, Edmonton, Alberta, 2024.

Hillier, K., Vatanparast, H., **Lane, G.** *Elevating Culturally Safe and Equitable Care Provided by Canadian Dietitians to Muslims Fasting During Ramadan.* Poster presentation at the Canadian Nutrition Society Annual Conference, Edmonton, Alberta, 2024.

Shafiee, M., **Lane, G.**, Szafron, M., Pahwa, P., Vatanparast, H. *Exploring Dietary Choices Among Urban Indigenous Peoples in Saskatchewan: A Comparative Study of Traditional and Market Foods.* Poster presentation at the Indigenous Science Conference, Regina, Saskatchewan, 2024.

Monroy-Valle, M., **Lane, G.**, Vatanparast, H. *Breaking the cycle: Unveiling the association of maternal food insecurity on children's bone health.* Poster presentation at the US DOHAd Annual Meeting, Kansas City, Missouri, 2023.

Monroy-Valle, M., **Lane, G.**, Vatanparast, H. *Uncovering the Hidden Toll of Inadequate Resources on Indigenous Mayan Children: The Devastating Impact on Bone Growth and Health.* Poster presentation at the Life and Health Sciences Research Expo UofS 2023 Conference.

Whiteley, J*, **Lane, G.** *Collegiate Distance Running Nutritional Needs Assessment.* Poster presented at the UI Undergraduate Research Symposium 2023.

McClanahan, K*, **Lane, G.** *Comparative Food Bank Systems.* Poster presented at the UI Undergraduate Research Symposium 2023.

Al-Bazz SA*, Vatanparast H, Béland D, Engler-Stringer RR, White J, Koc M, **Lane GL**, Kharabsheh L. *Food security status of Syrian refugee households who arrived in Canada after 2015.* Poster presented at CNS 2022 Conference.

Keshavarz P*, **Lane G**, Vatanparast H. *Diet quality and dietary patterns of different ethnic groups in Canada, 2004 & 2015.* Poster presented at CNS 2022 Conference.

Bye Z*, **Lane G**, Szafron M, Vatanparast H. *Diet quality of plant-based and omnivore diets: a Canadian population-based analysis.* Poster presented at CNS 2022 Conference.

Monroy-Valle M, **Lane G**, Vatanparast H. *Bone Health of malnourished Guatemalan indigenous children with impaired growth.* Poster presented at CNS 2022 Conference.

Keshavarz P*, **Lane G**, Vatanparast H. *Diet quality and dietary patterns of different ethnic groups in Canada, 2004 & 2015.* Poster presented at Life and Health Sciences Research Expo UofS 2022 Conference.

Shafiee M*, Vatanparast H, **Lane G**. *Food security implications of COVID-19 pandemic and lockdown among Indigenous peoples living in urban areas of Saskatchewan, Canada.* Poster presented at the 22nd IUNS-ICN International Congress of Nutrition in Tokyo, Japan, 2022.

Monroy-Valle M, **Lane G**, Vatanparast H. *Impaired Growth and Bone Health Outcomes in Guatemalan Mother-Child Dyads: A Cross-Sectional Study.* Oral presentation at DOHAd World Congress 2022 in Vancouver, Canada. Awarded President's Plenary

Presenter Award

Honors and Awards:

Queen Elizabeth Scholar Early Career Research Award: 2021
 Premier's Award for Excellence in the Public Service, Government of Saskatchewan: 2019
 Queen Elizabeth Scholar Postdoctoral Fellowship: 2018-2019
 Honorable Mention Poster, Canadian Health Student Research Forum: 2016
 First Place Poster, Life and Health Sciences Conference: 2015
 First Place Overall Poster, Global Health Conference: 2014

SCHOLARSHIP ACCOMPLISHMENTS:

Publications:

1 – corresponding (senior) author; 2 – designed study; 3 – obtained funding for study; 4 – oversaw conduct of study; 5 – contributing participant in associated workshop or activity; 6 – major role in manuscript preparation

Journal Articles: (In preparation)

1. Anstruther, S., Monroy-Valle, M., Barbour-Tuck, E., Froehlich-Chow, A., **Lane, G.**, Ruano, M., Perez Lopez, S., Vatanparast, H. (submitted) Gross motor skill development among Guatemalan preschoolers. *Journal of Motor Behaviour*. (2,4,6).
2. Hillier, K*. Vatanparast, H., **Lane, G.** (revisions requested) Exploring Canadian Dietitians' Knowledge Attitude and Practices Providing Culturally Safe Care to Muslims who fast During the Month of Ramadan: A Cross-sectional Study. *Applied Physiology, Nutrition and Metabolism*.
3. Pakravan-Charvadeh, M., Longworth, Z*, **Lane, G.**, Béland, D., Koc, M., Clark, N., Sadeghi, R., Omidvar, N., Vatanparast, H. (submitted) Discovering the Pathways between Socio-Demographic Determinants and Quality of Life in the Shadow of Conflict in Afghanistan. *Journal of Conflict Resolution*.
4. Michele Monroy-Valle, M., López, E., Mengesha, H., **Lane, G.**, Vatanparast, H. (submitted) Preschoolers in severely food insecure Guatemalan Mayan households consume a monotonous grain-based diet. *BMC Public Health*.
5. Karbina, K*, Patel, V., Shafiee, M*, Rayanc, S., Baxter Jones, A., Erlandson, M., **Lane, G.**, Chilibeck, P., Vatanparast, H. (submitted). Harnessing Quantum Technology in Food and Nutrition Sciences: A Scoping Review of Innovations, Challenges, and Future Directions. *Nutrients*.
6. Keshavarz, E*, Jandaghi, P., **Lane, G.**, Vatanparast, H. (revisions requested). Dietary Patterns among Canadian Caucasians and Their Association with Chronic Conditions. *Journal of Human Nutrition and Dietetics*.
7. Pakravan-Charvadeh, M., Longworth, Z., **Lane, G.**, Béland, D., Koc, M., Clark, N., Sadeghi, R., Omidvar, N., Vatanparast, H. (submitted) Complexities of Food Insecurity and Quality of Life in Afghanistan under the Taliban, Moving Towards Integrated Approaches and Well-being Enhancement. *Food Security*

Published:

*denotes graduate student/mentee

1. Longworth ZL*, Mohammadkhani R, Szafron M, **Lane G**, Vatanparast H. Trends in Plant-Based Diets and the Associated Health Characteristics among Canadians. *Nutrients*. 2024 Aug 9;16(16). doi: 10.3390/nu16162628. PubMed PMID: 39203765; PubMed Central PMCID: PMC11357474. (1,2,4,6)
2. Al-Bazz S*, Al-Kharabsheh L, Béland D, **Lane G**, Engler-Stringer R, White J, Koc M, Batal M, Chevrier J, Vatanparast H. Are residency and type of refugee settlement program associated with food (in)security among Syrian refugees who have resettled in Canada since 2015? *Food Security*. 2024 August; 16(3). doi: 10.1007/s12571-024-01477-6. (2,4,6)
3. Shafiee M*, Al-Bazz S*, Szafron M, **Lane G**, Vatanparast H. "I Haven't Had Moose Meat in a Long Time": Exploring Urban Indigenous Perspectives on Traditional Foods in Saskatchewan. *Nutrients*. 2024 Jul 26;16(15). doi: 10.3390/nu16152432. PubMed PMID: 39125313; PubMed Central PMCID: PMC11313948. (4,6)

4. Shafiee M*, Al-Bazz S*, Lane G, Szafron M, Vatanparast H. Exploring Healthy Eating Perceptions, Barriers, and Facilitators among Urban Indigenous Peoples in Saskatchewan. *Nutrients*. 2024 Jun 25;16(13). doi: 10.3390/nu16132006. PubMed PMID: 38999754; PubMed Central PMCID: PMC11243163. (oversaw study, contributed to manuscript)
5. **Lane G**, Xinico S, Monroy-Valle M, Cordón-Arrivillaga K, Vatanparast H. Intergenerational Food Insecurity, Underlying Factors, and Opportunities for Intervention in Momostenango, Guatemala. *Nutrients*. 2024 Feb 6;16(4). doi: 10.3390/nu16040470. PubMed PMID: 38398796; PubMed Central PMCID: PMC10892790. (1-6)
6. Vatanparast H, **Lane G**, Islam N, Patil RP, Shafiee M*, Whiting SJ. Comparative Analysis of Dietary and Supplemental Intake of Calcium and Vitamin D among Canadian Older Adults with Heart Disease and/or Osteoporosis in 2004 and 2015. *Nutrients*. 2023; 15(24):5066. <https://doi.org/10.3390/nu15245066> (4,6)
7. Saif-Nijat J, Pakravan-Charvadeh MR, Gholamrezai S, Rahimian M, **Lane G**, Béland D, Koc M, Clark N, Omidvar N, Sadeghi R, Vatanparast H. The association of the quality of life with Afghan households' food insecurity before and after the recent political change in Afghanistan: a comparative analysis. *BMC Public Health*. 2023 Oct 23;23(1):2066. doi: 10.1186/s12889-023-16967-z. (2,3,4,6)
8. Shafiee M*, **Lane G**, Szafron M, Hillier K*, Pahwa P, Vatanparast H. Exploring the Implications of COVID-19 on Food Security and Coping Strategies among Urban Indigenous Peoples in Saskatchewan, Canada. *Nutrients*. 2023 Oct 7;15(19). doi: 10.3390/nu15194278. (2,4,6)
9. Thomas DJ, Shafiee M*, Nosworthy MG, **Lane G**, Ramdath DD, Vatanparast H. Unveiling the Evidence for the Use of Pulses in Managing Type 2 Diabetes Mellitus: A Scoping Review. *Nutrients*. 2023 Sep 30;15(19). doi: 10.3390/nu15194222. (2,4,6)
10. Sadat SAA, Pakravan-Charvadeh MR, Gholamrezai S, Rahimian M, **Lane G**, Béland D, Koc M, Clark N, Omidvar N, Sadeghi R, Vatanparast H. Factors associated with Afghan household food security pre- and post-Taliban regime. *J Public Health Policy*. 2023 Dec;44(4):551-565. doi: 10.1057/s41271-023-00439-0. Epub 2023 Sep 14. (2,3,4,6)
11. Mousa, T, Remley, D, **Lane, G**. Editorial: Food systems, food insecurity, and racial and ethnic health disparities. *Frontiers in Sustainable Food Systems*. 2023; 7:1183242. DOI: 10.3389/fsufs.2023.1183242 (5,6)
12. Chevrier, J, **Lane, G**, Khakpour, M, Vatanparast, H, Batal, M. Food security among Syrian refugee families in Quebec, Canada. *Ecology of Food and Nutrition*. 2023; Jul 4;62(3-4):181-206. DOI: 10.1080/03670244.2023.2228704 (2-6)
13. Keshavarz P*, **Lane G**, Pahwa P, Lieffers J, Shafiee M, Finkas K, Desmarais M, Vatanparast H. Dietary Patterns of Off-Reserve Indigenous Peoples in Canada and Their Association with Chronic Conditions. *Nutrients*. 2023; 15(6):1485. DOI:10.3390/nu15061485
14. **Lane G.**, Vatanparast H. Immigrant families' experience of the Canadian food and nutrition environment. *Applied Physiology, Nutrition and Metabolism*. 2023 Jun 1;48(6):445-454. DOI: 10.1139/apnm-2022-0346. (1,2,4,5,6)
15. **Lane G**, Vatanparast H. Adjusting the Canadian Healthcare System to Meet Newcomer Needs. *International Journal of Environmental Research and Public Health*. 2022; Mar 22;19(7):3752. DOI: 10.3390/ijerph19073752. (1,2,4,5,6)
16. Al-Bazz SA*, Béland D, **Lane GL**, Engler-Stringer RR, White J, Vatanparast H. Food Security of Temporary Foreign Farm Workers Under the Seasonal Agricultural Worker Program in Canada and the United States: A Scoping Review. *Advances in Nutrition*. 2022. Oct 2;13(5):1603-1627. DOI: 10.1093/advances/nmac027. (2,4,6)
17. Shafiee M*, Keshavarz P, **Lane G**, Pahwa P, Szafron M, Jennings D, Vatanparast H. Food Security Status of Indigenous Peoples in Canada According to the 4 Pillars of Food Security: A Scoping Review. *Advances in Nutrition*. 2022; Dec 22;13(6):2537-2558. DOI: 10.1093/advances/nmac081. (2,4,6)
18. Bye, Z*, Keshavarz, P*, **Lane, G**, Vatanparast, H. (2021). What Role do Plant-Based Diets Play in Supporting the Optimal Health and Wellbeing of Canadians? *Adv Nutr*. 2021; Dec 1;12(6):2132-2146. DOI: 10.1093/advances/nmab061. (2,4,5,6)

19. **Lane G**, Nisbet C, Johnson S, Candow D, Chilibeck PD, Vatanparast H. Barriers and facilitators to meeting recommended physical activity levels among new immigrant and refugee children in Saskatchewan, Canada. *Appl Physiol Nutr Metab*. 2021; Jul;46(7):797-807. DOI: 10.1139/apnm-2020-0666. (2,4,5,6)
20. **Lane G**, Hengstermann M*, White J, Vatanparast H. Newcomer challenges with accessing healthcare services in Saskatchewan, Canada. *Border Crossing*. 2021; 11(2):155-172. DOI: 10.33182/bc.v11i2.1222. (2,4,5,6)
21. Al-Kharabsheh L*, Al-Bazz S*, Koc M, Garcia J, **Lane G**, Engler-Stringer R, White J, Vatanparast H. Household Food Insecurity and Associated Socio-economic Factors Among Recent Syrian Refugees in Two Canadian Cities. *Border crossing*. 2020; 10(2): 203-214. DOI: 10.33182/bc.v10i2.1161. (2-6)
22. **Lane G**, Nisbet C, Vatanparast H. Dietary habits of newcomer children in Canada. *Public Health Nutr*. 2019 Dec;22(17):3151-3162. DOI: 10.1017/S1368980019001964. (2,4,5,6)
23. **Lane G**, Nisbet C, Vatanparast H. Food Insecurity and Nutritional Risk among Canadian Newcomer Children in Saskatchewan. *Nutrients*. 2019 Jul 29;11(8). DOI: 10.3390/nu11081744. (2,4,5,6)
24. **Lane G**, Nisbet C, Whiting SJ, Vatanparast H. Canadian newcomer children's bone health and vitamin D status. *Appl Physiol Nutr Metab*. 2019 Jul;44(7):796-803. DOI: 10.1139/apnm-2018-0705. (2,4,5,6)
25. **Lane G**, Farag M, White J, Nisbet C, Vatanparast H. Chronic health disparities among refugee and immigrant children in Canada. *Appl Physiol Nutr Metab*. 2018 Oct;43(10):1043-1058. DOI: 10.1139/apnm-2017-0407. (2,4,5,6)
26. **Lane, V**, White, J, Vatanparast, H. Inclusive or targeted health services for newcomers. *Diversity Journal*. 2017 1:46-49. (2,4,5,6)

Book Chapters:

1. **Lane G**, Vatanparast H. Safe, but worried about food: The case of Syrian refugees in Canada in Migration and Health: Theories, Policies and Experiences 2024 (pp.41-52). Eds: Gül Ince-Beqo, Michela C Pellicani. Transnational Press London Ltd: London. ISBN: 9781801350242 (2, 4, 6)
2. **Lane, V.**, Vatanparast, H., White, J. Health Status of New Canadian Children: From Research to Policy in Immigrant Integration: Research implications for Public Policy 2014 (pp. 213-231). Eds: K. Murphy Kilbride. Canadian Scholars Press: Toronto. (2,4,6)

Abstracts:

*denotes graduate student

1. Rani, R*, **Lane, G**. Enhancing Diabetes Prevention Through Lifestyle Modifications in Idaho. Current Developments in Nutrition 2024, Volume 8, 102775.
2. **Lane, G.**, Monroy-Valle, M., Vatanparast, H. P17-038-23 Bone health of malnourished Guatemalan Indigenous children with impaired growth. Current Developments in Nutrition. 2023. 7:100934 DOI: 10.1016/j.cdnut.2023.100934.
3. **Lane, G.**, Longworth, Z.*. Vatanparast, H. Diet quality of plant-based and omnivore diets: a Canadian population-based analysis. Idaho Academy of Nutrition and Dietetics Poster Session at 2023 Annual Meeting.
4. **Lane, G.**, Cordon, K., Monroy-Valle, M., Vatanparast, H., Xinico, S. Intergenerational Food Insecurity, Underlying Factors, and Opportunities for Intervention in Momostenango, Guatemala. Current Developments in Nutrition. 2022 (Supplement_1):588. DOI:10.1093/cdn/nzac060.046.
5. **Lane, G.**, Vatanparast, H. Nutrition transition and acculturation among newcomers. Life and health sciences research expo. University of Saskatchewan 2017.
6. Vatanparast, H., **Lane, G**. Vitamin D insufficiency and inadequate bone mineral status in newcomer immigrant and refugee children in Canada. 8th International Conference on Children's Bone Health, Bone Research Society,

Wurzberg, Germany 2017.

7. **Lane, G.,** Vatanparast, H. Dietary acculturation, nutrition transition and health outcomes among newcomer children. The 24th Annual Life and Health Science Research Day, University of Saskatchewan 2017.
8. **Lane, G.,** Vatanparast, H. Newcomer children's experiences in Saskatchewan's healthcare system. Child health research trainee day, University of Saskatchewan 2017.
9. **Lane, G.,** Vatanparast, H. Unpacking the Health and Nutritional Risks of Newcomer Children. College of Pharmacy and Nutrition Research Day, University of Saskatchewan 2015.
10. **Lane, G.,** Vatanparast, H. Health and nutritional risks of newcomer children in the context of Canadian food environments. Canadian Nutrition Society Annual Conference 2015.
11. **Lane, G.,** Vatanparast, H. Unpacking the health and nutritional risks of newcomer children. The 22nd Annual Life and Health Science Research Day, University of Saskatchewan 2015.

Grants and Contracts Awarded:

Title: Enhancing culturally safe healthcare for fasting Muslims during Ramadan

Agency: National Institutes of Health

Funding Mechanism: SureFirst

Date: 07/01/2024-06/30/2028

Total Fund: \$685,131

Title: COBRE in Nutrition and Women's Health

Agency: National Institutes of Health

Funding Mechanism: COBRE

Date: 3/2024-2/2027

Total Fund: \$464,000

Title: University of Idaho multicultural scholars program

Agency: National Institute of Food and Agriculture/USDA

Funding Mechanism: Multicultural Scholars

Date: 1/2024-12/2028

Total Fund: \$247,000

Title: The effects of milk and yogurt supplementation on bone health and body composition in Canadian young adults: a randomized controlled trial

Agency: Dairy Farmers of Canada

Funding Mechanism: Nutrition Research Funding Program

Date: 08/2023 – 08/2028

Total Fund: \$900,000

Title: Exploring the food insecurity status of Afghan households, the determinants, coping strategies, and support systems in Canada, the U.S., Iran, and Afghanistan after the Taliban's takeover.

Agency: Social Sciences and Humanities Research Council

Funding Mechanism: Insight Grants

Date: 3/23 – 2/26

Total Fund: \$199,992

Title: Impact of the provision of a DASH diet food box on dietary intakes among the Native-CHART cohort

Agency: Center for American Indian and Alaska Native Diabetes Translation Research, University of Colorado

Funding Mechanism: Pilot and Feasibility Program

Date: 01/23 – 7/24

Total Fund: \$52,133

Title: Working together to promote a healthy life and prevent type 2 diabetes; a community-led initiative in Cowessess First Nation

Agency: Saskatchewan Health Research Foundation
Funding Mechanism: Innovation and Impact Grants
Date: 03/22 – 02/24
Total Fund: \$149,600 (no spending authority)

Title: The role of dairy food consumption in the optimal growth and development of Canadian children: A longitudinal mixed-methods study (Co-investigator)

Agency: Dairy Farmers of Canada
Funding Mechanisms: Special Call for Proposals in Optimal Growth and Development in Children and in Dairy Protein
Date: 11/21 – 12/24
Total Fund: \$399,852 (no spending authority)

Title: Strengthening capacity to tackle non-communicable disease (NCD) in the Caribbean (Co-investigator)

Agency: Universities Canada
Funding Mechanisms: Queen Elizabeth Scholars
Date: 04/20 – 12/23
Total Fund: \$460,000 (spending authority: \$460,000)

Title: Improving food security and nutritional status in the context of gender/ethnic inequities in Guatemala (Co-investigator)

Agency: University of Saskatchewan
Funding Mechanism: Global Community Service Fund
Date: 03/18 - 03/20
Total Fund: \$25,000 (spending authority: \$25,000)

Title: Improving food security and nutritional status among women and children in Guatemala and Tanzania: Moving toward a globalized solution (Co-investigator)

Agency: Universities Canada
Funding Mechanism: Queen Elizabeth Scholars
Date: 03/17 – 03/20
Total Fund: \$903,000 (spending authority: \$903,000)

Title: One Health approach to improving food security and nutritional status in the context of gender/ethnic inequities in Guatemala (Co-investigator)

Agency: University of Saskatchewan
Funding Mechanism: One Health
Date: 09/16 – 09/18
Total Funding: \$15,000 (spending authority: \$15,000)

SERVICE:

Major Committee Assignments:

University of Idaho, Family & Consumer Sciences, Undergraduate Curriculum Committee, 2021 – 2022
 Margaret Ritchie Distinguished Speaker Series, 2021 – 2022
 University of Idaho, Family & Consumer Science, Graduate Program Committee, 2022- Current
 University of Idaho, College of Agriculture and Life Sciences, IDEA Committee, 2022-Current
 University of Idaho, College of Agriculture and Life Sciences, FCCLA Faculty Advisor, 2023-Current
 University of Idaho, Food Security Coalition (Chair), 2021-Current

Professional and Scholarly Organizations:

Member of Saskatchewan Dietitians Association, 1995 – Current
 Member of American Society of Nutrition, 2022 – Current
 Early Career Representative on the ASN Global Nutrition Council, 2022- 2024

Grant Reviewer:

College of Medicine, University of Saskatchewan, project grants, 2021, 2022
 USDA Professional Development of Agricultural Literacy, 2022
 USDA NextGen, 2023
 USDA Professional Development of Agricultural Literacy, 2024
 NSF Arctic Social Sciences Program, 2024

USDA Agricultural Marketing Services Local Food Promotion Program (panel chair), 2024

Editor

Special Topics Editor for Frontiers in Sustainable Food Systems, 2022-23

Reviewer:

Journal of Immigrant and Minority Health, 2022 – Current
International Journal of Environmental Research and Public Health, 2020 – Current
Qualitative Health Research, 2021 – Current
Challenges, 2021 – Current
Children, 2020 – Current
Nutrients, 2020 - Current
BMJ Open, 2020 – Current
International Breastfeeding Journal, 2023– Current
Frontiers in Nutrition, 2023 – Current
Advances in Nutrition, 2023– Current
International Journal for Equity in Health, 2023– Current
Frontiers in Public Health, 2023– Current
Cogent Social Sciences, 2023– Current
Journal of Human Sciences and Extension, 2023– Current
Food Culture and Society, 2023– Current
Global Health Research and Policy, 2023– Current
Preventive Medicine Reports, 2023– Current
Contemporary Clinical Trials Communications, 2023– Current
Canadian Food Studies, 2023– Current
Current Developments in Nutrition, 2023– Current
International Journal of Circumpolar Health, 2024
Heliyon, 2024
Public Health Nutrition, 2024
Journal of Immigrant and Minority Health, 2024
Canadian Journal of Dietetic Practice and Research, 2024
Social Psychiatry and Psychiatric Epidemiology, 2024
Journal of Nutritional Science, 2024
Journal of Health, Population and Nutrition, 2024

Offices Held:

Faculty Advisor for UI FCCLA Chapter, 2023 – Current
FCCLA State Board member, 2024
University of Idaho Food Security Coalition, Chair, 2022-Current
Idaho Hunger Relief Task Force, Board Member, 2022 - Current
Substance Use and Treatment Advisory Committee, CanFASD Research Project, Committee Member, 2019-2022
Autism Individualized Funding Committee, Government of Saskatchewan, Chair, 2017-2020
Canada Northwest FASD Partnership Steering Committee, Government of Saskatchewan, Chair, 2004-2020