

CURRICULUM VITAE

DATE: May 2022

NAME: Shauna M. Downs, Ph.D.

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Newark, NJ 07102

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PRESENT TITLE: Assistant Professor, Tenure-track
Department of Urban-Global Public Health
Rutgers School of Public Health

CITIZENSHIP: Canadian

EDUCATION:

- A. Undergraduate Graduate
University of Calgary
Calgary, AB Canada
Bachelor of Science (Exercise and Health Physiology), 2004
- B. Graduate
University of Alberta
Edmonton, AB Canada
Master's of Science (Nutrition and Metabolism), 2007

University of Sydney
Sydney, NSW Australia
Doctor of Philosophy (Public Health), 2014
- C. Postdoctoral Appointments
Columbia University
Institute of Human Nutrition & Earth Institute
New York City, NY USA
Earth Institute Postdoctoral Fellowship
2014-2016

Johns Hopkins University
Berman Institute of Bioethics
Baltimore, MD USA
Hecht-Levi Fellow
2016-2017

ACADEMIC APPOINTMENTS: Assistant Professor
Department of Urban-Global Public Health
Rutgers School of Public Health
September 2017-present

Director, Public Health Nutrition Certificate

Department of Urban-Global Public Health
Rutgers School of Public Health
2018-present

Secondary Appointments: Department of Health Behavior,
Society and Policy & School of Health Professions, Associate
Member of the Nutritional Sciences Graduate Faculty
Rutgers University
2018-present

Associate Member, Nutritional Sciences Graduate Program
Faculty
School of Environmental and Biological Sciences
Rutgers University
2019-present

Honorary Research Fellow
Menzies Centre for Health Policy
University of Sydney
August 2014-Present

MEMBERSHIPS AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES:

Editorial Membership:

Associate Editor, Public Health Nutrition, 2018-Present
Associate Editor, Behavioral Medicine, 2017-2021
Associate Editor, BMC Public Health, 2015-2018

Service on External Committees:

American Society of Nutrition Committee on Advocacy and Science Policy member, 2020-Present
INFORMAS (International Network for Food and Obesity / Non-communicable Diseases
(NCDs) Research, Monitoring and Action Support) International Expert Advisory Committee
on Sustainability of Food, 2021-present
UNICEF Global Selection Panel of the Healthy Childhood Challenge, 2022-present

Service on Rutgers Committees:

President's Task Force on Carbon Neutrality and Climate Resilience, Food Systems Working Group
member, 2020-21
School of Public Health Curriculum Committee, 2019-
School of Public Health Strategic Planning Committee, 2019
Public Health Nutrition Concentration Curriculum Committee, 2018-Present
Sub-Committee: Biological Basis of Disease Requirement for Students, 2018
PHocus Planning Committee, 2018-2020

Article Review:

Nature Food, 2021-
Frontiers, Sustainable Food Systems, 2020
British Journal of Nutrition, 2020
Millbank, 2020
BMJ Open, 2019
International Journal of Behavioral Nutrition and Physical Activity, 2019
Current Developments in Nutrition, 2019
Obesity Reviews, 2019
Nature Sustainability, 2018

Nature, 2017
International Journal of Epidemiology, 2016-
Handbook of Public Health Ethics, 2016
New York Academy of Sciences, 2016
Journal of Environmental and Public Health, 2015-
European Journal of Clinical Nutrition, 2015-
Food Control, 2015-
Globalization and Health, 2015-
Global Food Security, 2015-
Food Policy, 2015-
BMC Public Health, 2015-
Public Health Nutrition, 2014-
African Journal of Business Management, 2014
Preventing Chronic Disease, 2014
American Journal of Clinical Nutrition, 2014-
British Medical Bulletin, 2014-
Bulletin of the World Health Organization, 2013-
Canadian Journal of Dietetic Practice and Research, 2009-

HONORS AND AWARDS:

Emerging Leader in Nutrition Sciences Hot Topics in Policy Poster Award Winner, Experimental Biology Conference, 2017
Finalist, American Society for Nutrition Translational Research Award Competition, Experimental Biology Conference, 2017
Postdoctoral Fellowship, Canadian Institutes of Health Research, 2014-2017
Earth Institute Postdoctoral Fellowship, Columbia University, 2014-2016
Endeavour International Postgraduate Award, Government of Australia, 2010-2014
Doctoral Research Award, Canadian Institutes of Health Research, 2011-2014
University of Sydney, School of Public Health Travel Award, 2012
Population Health Congress, University of Sydney, 2012
Health Services Research Association Australia New Zealand Travel Award, 2011
Postgraduate Research Support Scheme, University of Sydney, 2011-2012
Research Student Grant Scheme, University of Sydney, 2011-2013

PROFESSIONAL ORGANIZATION MEMBERSHIPS:

International Society of Behavioral Nutrition and Physical Activity, 2019
International Society of Ethnobiology, 2019
Rutgers Climate Institute, 2019-
American Public Health Association, 2017-
Rutgers Center for Childhood Nutrition Research, IFNH, 2017-
American Society for Nutrition, 2016-
Canadian Obesity Network, 2005-
Society for Implementation Science in Nutrition, 2016-

SERVICE ON GRADUATE SCHOOL COMMITTEES:

PhD student committees:

Sara Elnakib, Rutgers School of Public Health, 2018-2020
Emily Merchant, Rutgers School of Environmental and Biological Sciences, 2018-present

TEACHING:

A. Course Directorship
Rutgers School of Public Health, Global Food & Culture, 2019-present

Rutgers School of Public Health, Global Food Systems and Policy, 2018-present
University of Sydney, Global Health Policy, Tutorials, 2013
University of Sydney, Health Policy Projects, Course organization, 2013
University of Alberta, Cultural Aspects of Food, Sessional Instructor, 2010

B. Guest lectures

City University of London, Food Policy, Assessing policy coherence across the food system: the development and application of a policy analysis tool, January 2021 & 2022.
Rutgers School of Public Health, A food systems approach to improving diets, PhD Colloquium, November 2020.
Johns Hopkins School of Public Health, Policies Shaping Food Environments, October 2020-22.
School of Environmental and Biological Sciences, Department of Nutrition Seminar Course, The Mediterranean Diet: Public Health Implications, February 2020 & 2021.
Rutgers School of Public Health, Qualitative Research Methods, Application to Improve Qualitative Methods to Improve Diets in Global Settings, March 2020 & Aug 21.
Rutgers School of Public Health, Health Systems and Policy Core, Food and Nutrition Policy in the US, 2019-2021.
Rutgers School of Public Health, Public Health Foundations Core, Globalization and Health, October 2019.
Bloustein School of Planning and Public Policy, Health and Public Policy, Obesity Prevention Policy, April 2019.
Columbia University, Master's of Development Practice Seminar Series, My path to global nutrition, March 2018.
Rutgers School of Public Health, Global Communicable and Noncommunicable Diseases Multiple Burdens of Malnutrition: A global Perspective, February 2018.
Rutgers School of Public Health, Health Politics and Policy, The Role of Food Regulation to Improve Diets, March 2018.
Rutgers School of Environmental and Biological Sciences, Nutrition Epidemiology, Food Policy Discussion, October 2017.
Montana State University, Food Environments, Intervening in the food environment with policy, November 2017.
Columbia University Institute of Human Nutrition, U.S. and International Nutrition Policy and Programs, Global Cardiovascular Disease Prevention Policy: Needs, Solutions and Sustainability, March 2016-2022.
Johns Hopkins School of Advanced International Affairs, Food Policy, Systems and Security, The Food Environment, April 2017.
Johns Hopkins School of Advanced International Affairs, Food Policy, Systems and Security, School of Advanced International Affairs, The economic impact of food, food prices and food trade, March 2017.
Columbia University Institute of Human Nutrition, Student Practicum Workshop, Doing Qualitative Research: A practical overview, March 2016.
Columbia University, Global Health Lecture Series, Global Obesity and Nutrition Policy, November 2015.
Columbia University Institute of Human Nutrition, Guest lecture in Topics in Nutrition, An Introduction to Global Nutrition., Institute of Human Nutrition, Columbia University, September 2015.
Columbia University School of International and Public Affairs, Global Nutrition Policy, The Role of Policy to Reduce Obesity and Diet-related NCDs, October 2014.
Columbia University School of International and Public Affairs, Global Nutrition Policy, Designing and Implementing Nutrition Programs in an Obesogenic Environment, October 2014.
University of Georgia (study abroad), Multisectoral Policies to Improve Diets and Reduce NCDs, May 2013.
University of Sydney, Master's of Sustainability, Trade and Health, September 2011.

University of Alberta, Cultural Determinants of Food Choice, Dietary Intake and Aboriginal Child Health, February 2007.
University of Alberta, Introduction to Community Nutrition, Aboriginal Child Health, March 2007.
University of Alberta, Body Composition, Nutrition and Physical Activity Physical Activity and Weight Loss, February 2009.
University of Alberta, Sports Nutrition, Figure Skating and Nutrition, February 2006.

C. Student mentoring:

MPH/MS Student Practicums/Capstones/Theses

Maddy Tannous, Rutgers University, 2022
Tamara Sullivan, Rutgers University, 2022
Taylor Ivy, Rutgers University, 2022
Megan Romanovich, Rutgers University, 2022
Vicky Staromiejska, Rutgers University, 2022
Alisa Fatima, Rutgers University, 2021
Meena Venkat, Rutgers University, 2021
Amanda Lee, Rutgers University, 2020-21
Maddy Tannous, Rutgers University, 2021-22
Alaa Al-Shujairi, Rutgers University, 2021
Nina Olsen, Rutgers University, 2020-21
Madelin Hernandez, Rutgers University, 2021
Ranelle Tulluch, Rutgers University, 2020-21
Alyse Osher, Rutgers University, 2021
Bulongo Muzandu, Rutgers University, 2020
Tasneem Fatima, Rutgers University, 2020-21
Alexandra Zivkovic, Rutgers University, 2020
Deandrah Cameron, Rutgers University, 2020 (co-advisor)
Kedeen Okumu-Camera, Rutgers University, 2019
Nicole Jones, Rutgers University, 2019
Pranav Singh, Columbia University, 2019
Melissa Tan, Columbia University, 2019
Minna Sabbahi, Rutgers University, 2018-2019
Kaelin Conover, Rutgers University, 2018-2019
Jade Sanders, Johns Hopkins University, 2015-2016
Maya Nirmalraj, Johns Hopkins University, 2015-2016
Milan Bloem, Wageningen University, 2016
Patricia Welch, Johns Hopkins University, 2015-2016 (co-advisor)
Joelle Johnston, Johns Hopkins University, 2015-2016 (co-advisor)
Sean Sookhoo, Columbia University, 2015-2016
Jiewen Li, Columbia University, 2015-2016
Anne Piper, Columbia University, 2014-2015 (co-advisor)
Mahima Dhume, Columbia University, 2014-2015 (co-advisor)
Kayla Reynolds, Columbia University, 2014-2015 (co-advisor)
Marina Mattson, Columbia University, 2014-2015 (co-advisor)
Emma Lonsdale, University of Sydney, 2013

Undergraduate honors students

Theodora Mavros, Rutgers University, 2018-2020
Irena Pavlovic, Rutgers University, 2019-2020

Bridge the gap program

Nicholas Lozano, 2019

High Student Mentoring

Lauren Ballini, Briarcliff High School, Regeneron Science Talent Search Advisor

GRANTS

A. Principal Investigator

Awarded

- Rutgers Global Health Institute, Examining the influence of food environments on infant and young child feeding among subsistence farming communities in Senegal, 2022-23, \$10,000
- ChAracterizing, RevoIving, Supporting, Monitoring and MAnaging Sustainable Food Systems to address malnutrition in indigenous tribal communities of India. CARISMMA food system study. Co-PI with Suparna Ghosh-Jerath, 2022-27, ~1.2 million USD
- USDA AFRI Seed grant, People, Plants, and the Planet: A multi-method study to develop, Implement and evaluate a food and climate change intervention to empower adolescents to make healthy and sustainable plant-based food choices. Co-PD with S Elnakib and E Schoolman, 2022-24, \$298,290.
- National Institutes of Health, Eunice Kennedy Shriver National Institute of Child Health and Human Development, The impact and implementation of a mobile messaging intervention to improve infant and young child nutrition in Senegal, Aug 2021-July 2023, \$275,000 direct costs.
- Innovative Methods and Metrics for Agriculture and Nutrition Actions (IMMANA), Bill and Melinda Gates Foundation and the UK Department for International Development, The Food Environment Toolbox: Tools to Measure Natural and Built Food Environments in Low- and Middle-Income Countries, October 2021-September 2023, £249,999.
- Rutgers Global Health Institute, Strengthening Vegetable Value Chains for Improved Nutrition in a Kenyan Slum, 2018-2020, \$10,000
- Rutgers Global, Mapping the food environment in an urban slum in Kenya: a mixed Methods pilot study to inform the development of a discrete choice experiment, 2018-2020, \$8000
- United Nations Food and Agriculture Organization, Agriculture 4 Nutrition and Health Program, The Nutritional Impacts of Irrigated Horticulture in the Sahel: Leveraging a Randomized Controlled Trial in Senegal, 2015-2017, \$130,119.
- The Sackler Institute for Nutrition Science, NYAS, Identifying interventions to promote the production and consumption of healthy and sustainable oils in Myanmar, 2016-2017, \$50,000.

B. Co-Investigator

- Canadian Institutes of Health Research, Does the BC Farmers' Market Nutrition Coupon Program improve dietary behaviours and psychosocial well-being of low-income adults?, 2018-2021, \$539,325 CAD
- DBT Wellcome Trust India Alliance, Dietary diversity and nutritive value of indigenous foods in addressing food security and nutritional status of vulnerable tribal communities of India 2017-2022.
- Wellcome Trust-Public Health Foundation of India, Capacity Building Grant, Trans fats in the food supply in India: a pilot study to align policy options with the population consumption pattern, 2011-2013, \$2 million INR.
- Food and Health Initiative, Faculty of Agricultural, Life & Environmental Sciences, The importance of key vitamins during pregnancy: assessment of intakes from food and supplements for a Maternal Nutrition Score, 2008-2009, \$28,000 CAD.

PUBLICATIONS:

A. Refereed Original Article in Journal

1. Downs SM, Ahmed S, Warne T, Fanzo J. The Global Food Environment Transition Based on the Socio-Demographic Index. *In press in Global Food Security*
2. Zivkovic A*, Merchant EV*, Thomas N, Hoffman DJ, Simon JE, Downs SM. *Strengthening Vegetable Production and Consumption in a Kenyan Informal Settlement: A Feasibility and Preliminary Impact Assessment of a Sack Garden Intervention. In press in Current Developments in Nutrition. *Trainees*
3. Ghosh-Jerath S, Kapoor R, Dhasmana A, Singh A, **Downs S**, Ahmed S. Effect of COVID-19 Pandemic on Food Systems and Determinants of Resilience in Indigenous Communities of Jharkhand State, India: A Serial Cross-Sectional Study. *Front. Sustain. Food Syst.* 6: 724321. doi: 10.3389/fsufs. 2022 Mar 24.
4. Merchant EV, Odendo M, Ndinya C, Nyabinda N, Maiyo N, **Downs S**, Hoffman DJ, Simon JE. Barriers and Facilitators in Preparation and Consumption of African Indigenous Vegetables: A Qualitative Exploration From Kenya. *Frontiers in Sustainable Food Systems* 2022;6:801527.
5. Hansen J, List G, **Downs S**, Carr E, Diro R, Baethgen W, Kruczkiewicz A, Braun M, Furlow J, Walsh K, Magima N. Impact Pathways from Climate Services to SDG2 (“Zero Hunger”): A Synthesis of Evidence. *Climate Risk Management.* 2022 Jan 17:100399.
6. Fanzo JC, **Downs SM**. Climate change and nutrition-associated diseases. *Nature Reviews Disease Primers* 2021;7(1):1-2.
7. Nissan H, Simmons W, **Downs SM**. Building climate-sensitive nutrition programmes. *Bull World Health Organ.* 2022 Jan 1;100(1):70-77. *HN and SMD contributed equally
8. **Downs SM**, Fox EL, Zivkovic A, Mavros T, Sabbahi M, Merchant EV, Mutuku V, Okumu-Camera K, Kimenju S. Drivers of food choice among women living in informal settlements in Nairobi, Kenya. *Appetite.* 2022 Jan 1;168:105748.
9. **Downs SM**, Nicholas K, Linn KK, Fanzo J, 2021. Examining the trade-offs of palm oil production and consumption from a sustainable diets perspective: Lessons learned from Myanmar. *Public Health Nutrition* 2021; 15:1-3.
10. Sterling EJ, Betley E, Ahmed S, Akabas S, Clegg DJ, Downs S, Izumi B, Koch P, Kross SM, Spiller K, Teron L. Centering Equity in Sustainable Food Systems Education. *Front. Sustain. Food Syst.* 2021; 5: 737434. doi: 10.3389/fsufs.
11. Mondal P, DeFries R, Flowerhill N, Arif Md, Harou A, **Downs S**, Fanzo J, 2021. Multiple cropping alone does not improve year-round food security among smallholders in rural India. *Environmental Research Letters* 2021.
12. Fox, E.L., Davis, C., **Downs**, S.M., McLaren, R. and Fanzo, J. A focused ethnographic study on the role of health and sustainability in food choice decisions. *Appetite* 2021, p.105319
13. **Downs**, S.M. and Fox, E.L. Uneven decline in food system inequality. *Nature Food* 2021, 2(3), pp.141-142.
14. Davis K, **Downs S**, Gephart J. Environmental variability and disruptions in food supply chains. *Nature Food* 2020, 2(1), pp.54-65. *All authors contributed equally
15. Ghosh-Jerath, S., Kapoor, R., Ghosh, U., Singh, A., **Downs**, S. and Fanzo, J., 2021. Pathways of climate change impact on agroforestry, food consumption pattern and dietary diversity among indigenous subsistence farmers of Sauria Paharia tribal community of India: A mixed methods study. *Frontiers in Sustainable Food Systems*, 5, p.174.
16. Hefferon, K.L., **Downs**, S., Oms Oliu, G. and De Steur, H., 2021. Sustainable Development Goals (SDGs): Impact on Nutrition. *Frontiers in Nutrition*, 8, p.259.
17. Trevena, H., Neal, B., **Downs**, S.M., Davis, T., Sacks, G., Crino, M. and Thow, A.M., 2020. Drawing on strategic management approaches to inform nutrition policy design: an applied policy analysis for salt reduction in packaged foods. *International Journal of Health Policy and Management.*
18. Hawkes C, Fox EL, **Downs SM**, Fanzo J, Neve K. Child-centered food systems: Reorienting food systems towards healthy diets for children. *Global Food Security* 2020, 27: 100414.
19. **Downs SM** & Demmler K. Food environment interventions targeting children and adolescents: a scoping review. *Global Food Security* 2020, 27: 100403.
20. Ahmed S, **Downs SM**, Yang C, ten Broek N, Ghosh-Jerath S. Rapid Tool Based on a Food Environment Typology Framework for Evaluating Effects of the COVID-19 Pandemic on Food System Resilience. *Food Security* 2020, 12: 773-778.

21. **Downs SM**, Ahmed S, Fanzo J, Herforth A. Food Environment Typology: Advancing an expanded definition, framework, and methodological approach for improved characterization of wild, cultivated and built food environments towards sustainable diets. *Foods* 2020, 9, 532: doi:10.3390/foods9040532
22. Ghosh-Jerath S, Archana S, **Downs S**, Fanzo J. Agroforestry biodiversity, indigenous food consumption and nutritional outcomes in women of Sauria Paharia tribe: A vulnerable tribal community in Jharkhand, India. *Maternal and Child Nutrition* 2020; e13052.
23. Aktary ML, Caron-Roy S, Sajobi T, *et al* Impact of a farmers' market nutrition coupon programme on diet quality and psychosocial well-being among low-income adults: protocol for a randomised controlled trial and a longitudinal qualitative investigation *BMJ Open* 2020; **10**:e035143. doi: 10.1136/bmjopen-2019-035143
24. Ghosh-Jerath S, Ridhima K, Archana S, **Downs S**, Barman S, Fanzo J. Leveraging Traditional Ecological Knowledge and Access to Nutrient-Rich Indigenous Foods to Help Achieve SDG 2: An analysis of the Indigenous Foods of Sauria Paharias, a vulnerable tribal community in Jharkhand, India. *Frontiers in Nutrition* 2020, 7:61: doi: 10.3389/fnut.2020.00061
25. Ahmed S, **Downs SM**, Fanzo J. Advancing an integrative framework to evaluate sustainability in national dietary guidelines. *Frontiers in Sustainable Food Systems*, 2019.
26. Cuevas S, **Downs SM**, Ghosh-Jerath S, Aafrin A, Shankar B. Analyzing the policy space for the promotion of healthy, sustainable oil consumption in India. *Public Health Nutrition* 2019; 1-12.
27. Ghosh-Jerath S, **Downs SM**, Singh A, Gellar G, Fanzo F. Innovative matrix for applying a food systems approach for developing interventions to address nutrient deficiencies in indigenous communities in India: A protocol. *BMC Public Health* 2019; 19(1): 944.
28. Shapiro M, **Downs SM**, Swartz H, Parker M, Quelhas D, Kreis K, Kraemer K, West KP, Fanzo. A systematic review investigating the relationship between animal-source food consumption and stunting in children aged 6-60 months in low- and middle-income countries. *Advances in Nutrition* 2019; 00:1-21.
29. **Downs, S.M.**, Kalaj, J., Smith, S., Sackey, J. and Fanzo, J. A mHealth voice messaging intervention to improve infant and young child feeding practices in Senegal. *Maternal & Child Nutrition* 2019; p.e12825.
30. **Downs, S.M.**, Glass, S., Linn, K.K. and Fanzo, J. The interface between consumers and their food environment in Myanmar: an exploratory mixed-methods study. *Public Health Nutrition* 2019; 22(6): 1075-1088.
31. Santos, J.A.R., Christoforou, A., Trieu, K., McKenzie, B.L., **Downs, S.**, Billot, L., Webster, J. and Li, M. Iodine fortification of foods and condiments, other than salt, for preventing iodine deficiency disorders. *Cochrane Database of Systematic Reviews* 2019, (2).
32. Quelhas D, Kompala C, Wittenbrink B, Han Z, Parker M, Shapiro M, **Downs S**, Kraemer K, Fanzo J, Morris S, Kreis K. The association between active tobacco use during pregnancy and growth outcomes of children under five years of age: a systematic review and meta-analysis. *BMC Public Health* 2018;18(1):1372.
33. Fox, E.L., Davis, C., **Downs, S.M.**, Schultink, W. and Fanzo, J. Who is the Woman in Women's Nutrition? A Narrative Review of Evidence and Actions to Support Women's Nutrition throughout Life. *Current Developments in Nutrition* 2018; 3(1):.nzy076.
34. Thow AM, **Downs SM**, Mayes C, Trevena H, Waqanivalu T, Cawley J. Fiscal policy to improve diets and prevent noncommunicable diseases: from recommendations to action. *Bulletin of the World Health Organization*. 2018;96(3):201.
35. **Downs SM**, Bloem MZ, Zheng M, Catterall E, Thomas B, Veerman L, Wu JH. The impact of policies to reduce trans fat consumption: A systematic review of the evidence. *Current Developments in Nutrition*, 2017; pp.cdn-117.
36. Graziose MM, **Downs SM**, O'Brien Q, Fanzo J. Systematic review of the design, implementation and effectiveness of mass media and nutrition education interventions for infant and young child feeding. *Public Health Nutrition* 2017; 1-5.
37. **Downs S**, Payne A, Fanzo J. The development and application of a sustainable diets framework for policy analysis: A case study of Nepal. *Food Policy* 2017; 70: 40-49.

38. Wu JHY, Zheng M, Catterall E, **Downs S**, Thomas B, Veerman B Barendregt J. Contribution of trans fatty acid intake to coronary heart disease burden in Australia: a modelling study. *Nutrients* 2017;9(1): 77.
39. Thow AM, Kadiyala S, Khandelwal S, Menon P, **Downs S**, Reddy KS. Toward Food Policy for the Dual Burden of Malnutrition An Exploratory Policy Space Analysis in India. *Food and Nutrition Bulletin* 2016; p.0379572116653863.
40. Gupta V & **Downs S**, Ghosh-Jerath S, Lock K, Singh A. Unhealthy fat in street and snack foods in low socioeconomic settings in India: A case study of the food environments of rural villages and an urban slum. *Journal of Nutrition Education and Behavior* 2016;48(4):269-279.
41. **Downs S** & Fanzo J. Is a Cardio-Protective Diet Sustainable? A Review of the Synergies and Tensions Between Foods That Promote the Health of the Heart and the Planet. *Current Nutrition Reports* 2015;4(4):313-322.
42. Strawson C, Bell R, Farmer A, **Downs S**, Olstad D, Willows ND. Changing dietary habits of Alberta nutrition students enrolled in a travel study program in Italy. *Can J Diet Pract Res* 2015;76:93-96.
43. **Downs S**, Singh A, Gupta V, Lock K, Ghosh-Jerath S. The need for multisectoral food chain approaches to reduce trans fat consumption in India. *BMC Public Health* 2015;15:693.
44. **Downs S**, Christoforou A, Snowdon W, Dunford E, Hoesjkov P, Legetic B, Campbell N, Webster J. Setting targets for salt levels in foods: a five-step approach for low- and middle-income countries. *Food Policy* 2015;55:101-108.
45. **Downs S**, Thow AM, Ghosh-Jerath S, Leeder SR. Identifying the Barriers and Opportunities for Enhanced Coherence between Agriculture and Public Health Policies: Improving the Fat Supply in India. *Ecology of Food and Nutrition* 2015;54(6):603-24.
46. Trevena H, Kaldor J, **Downs S**. "Sustainability does not quite get the attention it deserves": Synergies and tensions in the sustainability frames of Australian food policy actors. *Public Health Nutrition* 2015;18(13):2323-32.
47. Durksen A, **Downs S**, Mollard R, Forbes L, Ball G, McGavock J. The association between time spent in vigorous physical activity and dietary patterns in adolescents: cross-sectional study. *J Phys Act Health* 2015;12(2):208-15.
48. **Downs S**, Thow AM, Ghosh-Jerath S, Leeder SR. The feasibility of multisectoral policy options aimed at reducing trans fats and encouraging their replacement with healthier oils in India. *Health Policy and Planning* 2015;30(4):474-484.
49. Webster J, Snowdon W, Moodie M, Viali S, Schultz J, Bell C, Land MA, **Downs S**, Christoforou A, Dunford E, Barzi F, Woodward M & Neal, B. Cost-effectiveness of reducing salt intake in the Pacific Islands: protocol for a before and after intervention study. *BMC Public Health* 2014;14(1):107.
50. Thow AM, **Downs S**, Jan S. A systematic review of the effectiveness of food taxes and subsidies to improve diets: understanding the recent evidence. *Nutrition Reviews* 2014;72(9):551-565.
51. Leeder SR, **Downs S**. Diabetes and the human condition. *Medical Journal of Australia* 2014; 201(4): 185-186.
52. Schaefer, Plotnikoff, Majumdar, Mollard, Woo, Sadman, Rinaldi MSc, Boule, Torrance, Veugelers, Wozny, McCargar, **Downs**, Lewanczuk, Gleddie, McGavock. Outdoor Time is associated with Physical Activity, Sedentary Time and Cardiorespiratory Fitness in Youth. *Journal of Pediatrics* 2014;165(3):516-21.
53. Hooker N & **Downs S**. Trans-Border Reformulation: US and Canadian Experiences with trans Fat. *International Food and Agribusiness Management Review* 2014;7:31-146.
54. Hawkes C, Thow AM, **Downs S**, Ling A, Ghosh-Jerath S, Snowdon W, Morgan E, Thiam I, Jewell J. Achieving policy coherence for non-communicable prevention in agriculture and food systems; examples from the fats supply chain. *UNSCN News* 2014;40:37-45.
55. **Downs S**, Thow AM, Ghosh-Jerath S, Leeder SR. Aligning food processing policies to promote healthier fat consumption in India. *Health Promotion International* 2014; dat094.
56. **Downs S**, Thow AM, Ghosh-Jerath S, Leeder SR. Developing interventions to reduce consumption of unhealthy fat in the food retail environment: a case study of India. *Journal of Environmental Public Health* 2014;9:210-224.

57. **Downs S**, Gupta V, Ghosh-Jerath S, Lock K, Thow AM, Singh A. Reformulating partially hydrogenated oils to maximise health gains in India: An Industry perspective. *BMC Public Health* 2013;13(1):1139.
58. **Downs S**, Thow AM, Leeder SR. The effectiveness of policies for reducing trans fat: A systematic review of the evidence. *World Health Organization Bulletin* 2013;91:262-269.
59. Forbes L, **Downs S**, Fraser S, Majumdar S, Ball G, Plotnikoff R, Wozny P, Torrance B, McCargar LJ, Lewanczuk R, McGavock J. Anthropometric and dietary predictors of insulin sensitivity in 10-14 year old boys and girls. *Applied Physiology, Nutrition, and Metabolism* 2013;38(3):320-325.
60. Strawson C, Bell R, Farmer A, **Downs S**, Olstad D, Willows ND. Dietary Patterns of Female University Students with Nutrition Education. *Can J Diet Pract Res* 2013;74(3):138-42.
61. Sacks G, Swinburn B, Kraak V, **Downs S**, Walker C, Barquera S, Friel S, Hawkes C, Brownell K, Kumanyika S, L'Abbe M, Lee A, Lobstein T, Ma J, Macmullan J, Mohan S, Monteiro C, Neal B, Rayner M, Sanders D, Snowdon W, Vandevijvere S, INFORMAS. A proposed approach to monitor private-sector policies and practices related to food environments, obesity and non-communicable disease prevention. *Obesity Reviews* 2013;14(S1):38-48.
62. Quintanilha M, **Downs S**, Liefers J, Farmer A, Berry T, Mager D, Willows ND, McCargar LM. Factors and Barriers Associated with Early Adoption of Nutrition Guidelines in Alberta, Canada. *J Nutr Educ & Beh* 2013;45(6):510-517.
63. Carson, Rinaldi, Torrance, Maximova, Ball, Majumdar, Plotnikoff, Veugelers, Boulé, Paul Wozny, McCargar, **Downs S**, Daymont, Lewanczuk, McGavock. Vigorous physical activity and longitudinal associations with cardiometabolic risk factors in youth. *International Journal of Obesity* 2013;38(1):16-21.
64. Land MA, Christoforou A, **Downs S**, Webster J, Billot L, Pena-Rosas JP, Neal B. Iodine fortification of foods and condiments, other than salt, for preventing iodine deficiency disorders. *The Cochrane Library*, 2013.
65. Forbes L, Fraser S, **Downs S**, Storey K, Plotnikoff R, Raine K, Spence J, Hanning R, McCargar LJ. Changes in Dietary and Physical Activity Risk Factors for Type 2 Diabetes in Alberta Youth Between 2005 and 2008. *Canadian Journal of Public Health* 2013;104(7):e490-e495.
66. **Downs S**, Fraser SN, Storey KE, Forbes LE, Spence JC, Plotnikoff RC, Raine KD, Hanning R, McCargar LJ. Geography influences dietary intake, physical activity and weight status of adolescents. *Journal of Nutrition and Metabolism* 2012:doi:10.1155/2012/816834.
67. Hay J, Maximova K, Durksen A, Carson V, Rinaldi RL, Torrance B, Ball GD, Majumdar SR, Plotnikoff RC, Veugelers P, Boulé NG, Wozny P, McCargar L, **Downs S**, Lewanczuk R, McGavock J. Physical Activity Intensity and Cardiometabolic Risk in Youth. *Arch Pediatr Adolesc Med* 2012;10:1-8.
68. **Downs S**, Thow AM, Ghosh-Jerath S, McNab J, Reddy KS, Leeder SR. From Denmark to Delhi: the multisectoral challenge of regulating trans fats in India. *Public Health Nutrition* 2012; 20:1-8.
69. Olstad DL, **Downs S**, Raine K, Berry TR, McCargar LJ. Improving children's nutrition environments: A survey of adoption and implementation of nutrition guidelines in recreational facilities. *BMC Public Health* 2011;11:423.
70. **Downs S**, Farmer A, Quintanilha M, Berry TR, Mager DR, Willows ND, McCargar LJ. Alberta Nutrition Guidelines for Children and Youth: Awareness and Use in Schools. *Can J Diet Pract and Res* 2011;72:137-140.
71. **Downs S**, Farmer A, Quintanilha M, Berry TR, Mager DR, Willows ND, McCargar LJ. From paper to practice: Barriers to adopting nutrition guidelines in schools. *J Nutr Educ & Behav* 2012;44(2):114-122.
72. Plotnikoff RC, Lubans DR, Costigan SA, Trinh L, Spence JC, **Downs S**, McCargar LJ. A Test of the Theory of Planned Behavior to explain Physical Activity in a Large Population Sample of Canadian Adolescents. *J Adolescent Health* 2011;49(5):547-549.
73. **Downs S**, Arnold A, Marshall D, McCargar LJ, Raine K., Willows ND. Associations among the food environment, diet quality and weight status in Cree children in Québec. *Public Health Nutrition* 2009;12(9):1504-11.
74. Willows ND, Strawson-Fawcett C, **Downs S**. Teaching the Mediterranean diet in Italy. *Journal of Food Science Education* 2008; 7:30-34.
75. **Downs S** and Willows ND. Should Canadians eat according to the traditional Mediterranean diet pyramid or Canada's food guide?" *Applied Physiology, Nutrition and Metabolism* 2008;33:527-535.

76. **Downs S**, Marshall D, Ng C and Willows ND. Central adiposity and associated lifestyle factors in Cree schoolchildren. *Applied Physiology, Nutrition and Metabolism* 2008;33:476-482.

B. Books, Monographs and Chapters

1. **Downs SM**, Staromiejska W, Payne A. Sustainable Diets: their definition, measurement and promotion. *Encyclopedias of Nutrition*. (in press)
2. Ahmed S, **Downs SM**, Herforth A. Reorienting Food Environments to Support Sustainable Diets. *Routledge Handbook of Sustainable Diets* (in press)
3. Barnhill A, Civita N, Davis C, **Downs S**, Faden R, Glass S, Goldberg A, Koeter H, Rollin B, Thompson P, Leeuwen KV, McMillan S. The Core Ethical Commitments in *Feeding the World Well: A Framework for Ethical Food Systems*. JHU Press.
4. Sabbahi M*, Li J, Davis C, and **Downs SM**. The Role of the Sustainable Development Goals to Reduce the Global Burden of Malnutrition. *Advanced in Food Security and Sustainability*. 2018. Academic Press: Cambridge, USA. (*denotes mentee)
5. **Downs S**. (2016). The multiple burdens of malnutrition: Food system drivers and solutions. *Sight and Life*, 30(1):41-46.
6. **Downs S** & Fanzo J. (2016). Managing Value Chains for Improved Nutrition. *Good Nutrition: Perspectives for the 21st Century*.
7. Fanzo J, **Downs S**, Marshall Q, De Pee S, Bloem M. Value Chain Focus on Food and Nutrition Security in Nutrition and Health in a Developing World.
8. **Downs S**, Loehr S, Wu J. (2016). Trans fatty acids: a summary of the evidence relating consumption to cardiovascular outcomes and the efficacy of prevention policy to reduce levels in the food supply in *Preventive Nutrition* (5th Edition). New York, NY.
9. Thow AM, **Downs S**, Leeder SR. (2014). Policy for, and the Prevention of, Diet-Related Non-Communicable Diseases in the Asia-Pacific Region in *Routledge Handbook of Public Health in Asia*. Abingdon, UK.

C. Other Articles

1. Leeder S & **Downs S**. (2016). Taxing times ahead as sugar galls from favor. *Australian Doctor*. <http://www.australiandoctor.com.au/opinions/guest-editorial/taxing-times-ahead-as-sugar-falls-from-favour>
2. Leeder S & **Downs S**. (2014). The good oil – or not, as the case may be. *Australian Medical Association Magazine*. <https://ama.com.au/ausmed/good-oil-or-not-case-may-be>
3. Leeder S & **Downs S**. (2014). Toxic environments and diabetes: What they are, how they happen and what we can do about them. Steve Leeder's Better Health Blog. <http://steve-leeder-better-health.blogspot.com/2014/03/toxic-environments-and-diabetes-what.html>
4. **Downs S**. (2013). Reconnecting with Food – Essential in Overcoming NCDs. *Translational Global Health Plos Blog*. <http://blogs.plos.org/globalhealth/2013/10/ncdfree-13-2/>
5. Sacks G, Trevena H, **Downs S**. (2013). US Set to Restrict Trans fats but should Australia? *The Conversation*. <http://theconversation.com/us-set-to-restrict-trans-fats-but-should-australia-follow-20127>
6. Colagiuri R, Baker P, Lewis M, Thow AM, **Downs S**. (2012). Keeping the lid on chronic disease needs global buy-in. *The Conversation*. <http://theconversation.com/keeping-the-lid-on-chronic-diseases-needs-global-buy-in-6533>
7. Leeder S & **Downs S**. (2012). Weight Bias. *Medical Journal of Australia Insight*. <https://www.mja.com.au/insight/2012/42/stephen-leeder-shauna-downs-bias-reduction>
8. Leeder S & **Downs S**. (2013). It is what you eat. *Medical Journal of Australia Insight*. <https://www.mja.com.au/insight/2013/24/stephen-leeder-shauna-downs-it-what-you-eat>

D. Reports

1. **Downs SM**. Climate, food systems and nutrition. (2018). Technical report for Columbia University World Project: ACToday.

2. Wu J, **Downs S**, Catterall E, Bloem M, Zheng M, Veerman L, Barendregt J, Thomas B. (2016). Levels of trans-fats in the food supply and population consumption in Australia. Prepared for the Australian Heart Foundation.
3. **Downs S** & Webster J. (2014). Background consultation document: Setting regional salt targets for the Pacific Island Countries. Prepared for the World Health Organization.
4. Thow AM & **Downs S**. (2014). Fiscal policy options with potential for improving diets for the prevention of non-communicable disease. Prepared for the WHO Pacific Office.
5. Hawkes C, Thow AM, **Downs S**, Ghosh-Jerath S, Snowdon W, Morgan E, Thiam I, Jewell J. 2013. Leveraging agriculture and food systems for healthier diets and noncommunicable disease prevention: the need for policy coherence. Expert discussion paper, published by the UN Food and Agriculture Organization in lead up to the Second International Conference on Nutrition (ICN2).

E. Abstracts

1. **Downs SM**, Sabbahi M, Fox E, Kimenju S. Food environments in informal settlements in Nairobi: identifying levers for improving diets. World Public Health Nutrition Association Conference, April 2020 in Brisbane Australia. [due to COVID-19 virtual presentations were uploaded to the conference website]
2. **Downs S** & Ahmed S. The Food Environment Transition Towards Sustainability. Society of Ethnobiology International Conference. Vancouver, Canada. May 2019. *Symposium speaker
3. **Downs S**, Nicholas K, Fanzo F. Increasing palm oil production in Myanmar: An analysis of the economic, health and sustainability implications. ICABR Conference: Disruptive Innovations, value chains and rural development. Washington, DC. 2018 *Oral abstract presentation
4. **Downs S**, Baethgen W, Deckelbaum R, Thomson M. Climate, food systems and nutrition. Rutgers Climate Institute Symposium. Piscataway 2018.
5. **Downs S**, Nicholas K, Fanzo F. Increasing palm oil production in Myanmar: An analysis of the economic, health and sustainability implications. ICABR Conference: Disruptive Innovations, value chains and rural development. Washington, DC. 2018 *Oral abstract presentation
6. **Downs S**, Baethgen W, Deckelbaum R, Thomson M. Climate, food systems and nutrition. Rutgers Climate Institute Symposium. Piscataway 2018.
7. Ahmed S, **Downs S**, Fanzo J. Sustainability and Climate Mitigation in Dietary Guidelines. American Public Health Association Conference. Atlanta 2017. *Oral abstract presentation (presenting author)
8. **Downs S** & Fanzo J. From military regime to market liberalization: exploring food environment transformations in Myanmar. International Congress of Nutrition. Buenos Aires 2017. Panel speaker
9. **Downs S** & Fanzo J. Developing a voice messaging intervention to improve nutrition in a large-scale horticulture intensification project in Senegal. International Congress of Nutrition. Buenos Aires 2017. *Oral abstract presentation
10. **Downs S** et al. Leveraging Food Systems to Improve Food Systems and Nutrition. International Congress of Nutrition. Buenos Aires 2017. Panel moderator.
11. Fox E, **Downs S**, Fanzo J. A Carbon Tax on Food Must be Ethically Nuanced. International Congress of Nutrition. Buenos Aires 2017.
12. Shapiro M, **Downs S**, Quelhas D, et al. A systematic review examining the relationship between animal source food intake and growth in children 6 to 60 months in low- and middle-income countries. International Congress of Nutrition. Buenos Aires 2017.
13. Quelhas et al. The association between active tobacco use during pregnancy and growth outcomes of children under five years: a systematic review and meta-analysis. International Congress of Nutrition. Buenos Aires 2017.
14. Shapiro M, **Downs S**, Quelhas D, et al. The Association Between Animal Source Foods and Stunting in Children Aged 6 Months to 5 Years: A Systematic Review. Experimental Biology. Chicago 2017.
15. **Downs S** et al. The impact of policies to reduce trans fat consumption: A systematic review of the evidence. Experimental Biology. Chicago 2017. *Oral abstract presentation

16. **Downs S** et al. Salt and the city: a preliminary examination of New York City's sodium warning labels. *Experimental Biology*. Chicago 2017. *Oral abstract presentation; presented as part of translational research competition and emerging leaders poster competition
17. **Downs S**. Developing a value chain analysis framework to examine the health and environmental trade-offs of dietary patterns: A case study of the Mediterranean diet. *AgMIP Conference*. Montpellier 2016. *Oral Abstract Presentation
18. Bloem M, Graziose M, **Downs S**. Salt and the city: examining the impact of sodium warning labeling on consumer purchasing behavior in New York City (NYC). 40th Anniversary of the Dutch Epidemiology Conference. Wageningen 2016. *Oral Abstract Presentation
19. **Downs S** & Fanzo J. Will the Sustainable Development Goals deliver for nutrition? An analysis of the potential influence of the goals on nutrition outcomes. Consortium of Universities for Global Health. San Francisco 2016.
20. **Downs S**, Payne A, Fanzo J. Healthy and Sustainable Diets: the development and application of a policy analysis framework. *Experimental Biology*. San Diego 2016.
21. Graziose M, O'Brien Q, **Downs S**, Fanzo J. Do mass media and mobile technology nutrition education campaigns improve infant and young child feeding knowledge, attitudes, and practices in the developing world? A systematic review of the evidence. *Experimental Biology*. San Diego 2016.
22. **Downs S**. The nutritional impacts of irrigated horticulture in the Sahel: leveraging a randomized control trial in Senegal. The Earth Institute Fellows Symposium: Meeting the Challenges of Sustainable Development in a Changing World. New York 2016. *Oral Abstract Presentation
23. **Downs S**. International Conference on Sustainable Development. Moderator/Chair of Health Session. New York 2015.
24. **Downs S**, O'Brien Q, Graziose M, Fishman R, Bobic V, Niang A, Fanzo J. Developing a behavior change communication strategy to improve nutrition in a large-scale horticulture intensification project in the Sahel. *Global Food Security Conference*. Ithaca 2015. *Oral Abstract Presentation
25. Fanzo J & **Downs S**. Healthy and Sustainable Diets: Piloting Solutions for the Post 2015 Agenda. *Global Food Security Conference*. Ithaca 2015.
26. **Downs S**, Gupta V, Ghosh-Jerath S, Lock K, Thow AM, Singh A. Unhealthy fats in ready-to-eat foods in low socioeconomic settings in India: A case study of the food environments of rural villages and an urban slum. *World Congress of Public Health Nutrition*. Las Palmas 2014.
27. Trevena H, Kaldor J, **Downs S**. Synergies and tensions in framing: The National Food Plan. *Emerging Health Policy Research Conference*. Sydney 2014. *Oral Abstract Presentation
28. **Downs S**, Trevena H, Thow AM, Leeder SR. The changing Indian food environment: potential implications of recent changes to foreign direct investment policies. *Emerging Health Policy Research Conference*. Sydney 2013. *Oral Abstract Presentation
29. **Downs S**, Gupta V, Ghosh-Jerath S, Lock K, Thow AM, Singh A. Reformulating partially hydrogenated oils to maximise health gains in India: An Industry perspective. *International Congress of Nutrition*. Granada 2013.
30. **Downs S**, Thow AM, Ghosh-Jerath S, Leeder SR. The feasibility of multisectoral policies aimed at reducing trans fat in India. *International Congress of Nutrition*. Granada 2013.
31. McCargar L, Forbes L, Fraser S, **Downs S**, Storey K, Plotnikoff R, Raine K, Spence JC, Hanning R. Diet and Activity Risk Factors for Type 2 Diabetes in Alberta Youth: Comparison Between 2005 and 2008. *International Congress of Nutrition*. Granada 2013.
32. Jonathan McGavock, Valerie Carson, Randi Lynn Rinaldi, Brian Torrance, Katerina Maximova, Geoff D Ball, **Healthy Heart Investigator Team**. Vigorous Physical Activity And 3-year Changes in Weight and Other Cardiometabolic Parameters in Youth: A Prospective Cohort Study. *Cardiovascular Disease, Epidemiology and Prevention Nutrition, Physical Activity and Metabolism*. New Orleans 2013.
33. Quintanilha, Lieffers, Farmer, Berry, **Downs**, Mager, Willows, and McCargar. Barriers and facilitators to the implementation of healthy eating strategies in schools. *Experimental Biology*. San Diego 2012.

34. Thow AM, **Downs S**, Jan, S 2012. "Taxing food for preventive health: Evidence and implications for policy makers." Population Health Congress. Adelaide 2012. *Oral Abstract Presentation by Downs S
35. **Downs S**, Thow AM, Ghosh-Jerath S, Leeder S. Policies influencing the availability, price and marketing of trans fat in India: A food systems approach. Population Health Congress. Adelaide 2012. *Oral Abstract Presentation
36. **Downs S**, Thow AM, Ghosh-Jerath S, Leeder SR. From Denmark to Delhi: Regulating trans fat in India. World Public Health Nutrition Association Conference. Rio de Janeiro 2012. *Oral Abstract Presentation
37. **Downs S**, Gillespie JA, McRae I, Yen L. Australians and health system reform: working well or in need of a complete rebuild? Health Services Research Association Australia New Zealand Conference. Adelaide 2011. *Oral Abstract Presentation
38. **Downs S**, Thow AM, Ghosh-Jerath S, Leeder SR. Using food supply chain analysis to map trans fat in India: A preliminary analysis. Emerging Health Policy Research Conference. Sydney 2011. *Oral Abstract Presentation
39. Plotnikoff RC, Lubans DR, Costigan S, Trinh L, Spence J, **Downs S**, McCargar L. A test of the theory of planned behavior to explain physical activity in a large population sample of Canadian adolescents. Annual Meeting of the International Society for Behavioral Nutrition and Physical Activity. Melbourne 2011.
40. McCargar LJ, Fraser SN, **Downs S**, Storey KE, Forbes LE, Spence JC, Plotnikoff RC, Raine KD and Hanning R. Urban and rural differences in nutrient intakes of Alberta (Canada) adolescents in 2005 and 2008. International Congress on Obesity. Stockholm 2010.
41. **Downs S**, Anshetz H, Farmer A, Heer R, Mager DR, Quintanilha M, Willows ND and McCargar LJ. (2010). Healthy eating, nutrition policies and nutrition guidelines at schools in Alberta, Canada: a preliminary analysis. International Congress on Obesity. Stockholm 2010. *Abstract Committee Selected Poster
42. Olstad DL, **Downs S**, Berry TR, Raine, KD, Anshetz H, Hill AS and McCargar. Awareness of and intent-to-use the Alberta Nutrition Guidelines for Children and Youth in recreational facilities in Alberta. International Congress on Obesity. Stockholm 2010.
43. **Downs S**, Anshetz CD, Hill AS, Quintanilha Q, Comaniuk H, Heer R, Olstad DL, Berry TR, Farmer A, Mager DR, Willows ND, and McCargar LJ. The adoption of the Alberta Nutrition Guidelines for Children and Youth by childcare facilities, schools, and recreation centres. Canadian Nutrition Society Meeting. Edmonton 2010.
44. Quintanilha M, **Downs S**, C.D. Anshetz, H. Comaniuk, R. Heer, and L.J. McCargar. Healthy eating strategies or barriers to implementation of the Alberta Nutrition Guidelines for Children and Youth: a qualitative analysis. Canadian Nutrition Society Meeting. Edmonton 2010. *Oral Abstract Presentation
45. Fong C, **Downs S**, Fayyaz F, Fajer-Gomez M & McCargar LJ. (2009). Dietary folate intakes of pregnant women in Alberta: A preliminary analysis. Canadian Family Medicine Forum. Calgary 2010.
46. **Downs S**, Brown C, Paquette S, and McCargar LJ. A needs assessment for health promotion in junior high: Students versus teachers perceptions. Canadian Society for Clinical Nutrition Meeting. Quebec City 2009.
47. **Downs S**, Raine K, McCargar L, Marshall D, Willows ND. The home environment, diet quality and weight status of Cree children in northern Quebec. Canadian Obesity Network National Summit. Kananaskis 2009.
48. Willows ND, Marshall D, Ng C, **Downs S**. Central Adiposity and Associated Lifestyle Factors in Cree Children. International Society for Behavioral Nutrition and Physical Activity Meeting. Banff 2008. *Oral Abstract Presentation
49. **Downs S**, Calengor K, Kennedy L, Hanning R, Fraser SN, Spence JC, Plotnikoff R, Raine K, McCargar LJ. Diet Quality and its Association with Nutrient Intakes and Physical Activity of Adolescents. Alberta Canadian Obesity Network Student and New Professionals Research Day: Linking Obesity Research Throughout the Province. Calgary 2008.

50. **Downs S & Willows ND.** Cree children are at high risk of obesity and poor diet quality. 2nd Chronic Disease Alliance of Canada Conference. Ottawa 2006. *Oral Abstract Presentation
51. Willows, ND, Raine, K, **Downs, SM.** (2006). Canadian aboriginal (Cree) schoolchildren are at risk for obesity and poor diet quality. International Congress on Obesity. Sydney 2006. *Recipient of President's Poster Award

INVITED PRESENTATIONS

1. American Society of Nutrition Annual Conference, Drivers of Food Choice and the context of changing food environments: moving beyond the “what” of consumption to the “how” and “why”, Virtual presentation, June 2022.
2. Columbia University Irving Medical Center Grant Rounds in Department of Pediatrics, Gastroenterology, Hepatology and Nutrition, A food systems approach to improving diets, Virtual Presentation, June 2022.
3. Johns Hopkins International Nutrition Seminar Series, Leveraging food environments to improve food choice, Virtual Presentation, May 2022.
4. Columbia University Climate and Health Seminar Series, The impact of climate on food systems, Virtual Presentation, February 2022.
5. NJ Institute for Food, Nutrition and Health Annual Seminar, COVID-19 Impact on Food Environments, Virtual Presentation, November 2021.
6. Sustainability incorporation into food environment theoretical models. 3rd Latin America Seminar of Food Environment and Health, Virtual presentation, October 2021.
7. A food systems approach to supporting Sustainable Diets. Fall Seminar Series, University of Delaware, Virtual presentation, October 2021.
8. Lakshmbai College (University of Delhi), International Webinar Series on Sustainable Practices, Sustainable Diets and Food Systems, Virtual Presentation, July 2021.
9. Millennials 4 Environmental Justice's upcoming virtual panel, Food 4 Thought: Confronting Food Insecurity among Black and Brown College Students with Professors. Rutgers University, July 2021.
10. Operationalizing food systems work for children and adolescents in country settings. Micronutrient Forum 5th Global Conference. Virtual presentation (originally planned for Bangkok), November 2020.
11. The impacts of COVID-19 on the Food System. Harokopio and Rutgers University joint webinar, November 2020.
12. Food Environment Typology: Wild, Cultivated and Built Food Environments. Agriculture for Nutrition and Health, Food Environment Learning Lab. Virtual presentation (originally planned for Malawi), June 2020.
13. Global Syndemic: Obesity, undernutrition and climate. International Research Institute for Climate and Society, seminar program. Lamont Campus, New York. January 2020.
14. The interface between consumers and their food environments: Case studies of Myanmar and Kenya. Measuring food environment technical meeting. Toronto, Canada. January 2020.
15. Frontiers in nutrition and agriculture for the Big 4 Agenda for Kenya; Where are we and where do we need to go? Columbia World Center, Nairobi Kenya. January 2020. [presented virtually]
16. A food systems approach to improving diets and nutrition. Harokopio University. Athens, Greece. November 2019.
17. Climate, food systems, diets and Nutrition. Rutgers Climate Institute. New Brunswick, NJ. November 2019.
18. A food environment typology and its transition over time. CGIAR Food Environment Workshop. Addis Ababa, Ethiopia. November 2019.
19. Overview of metrics and tools in food environment research. CGIAR Food Environment Workshop. Addis Ababa, Ethiopia. November 2019.
20. A Food Systems Approach to Improving Diets. Systems Science: Bridging Research, Education, Policy, and Action. Conference of the Society of Nutrition Education and Behavior. Orlando, FL. July 2019.
21. Climate, food systems, diets and nutrition. Food and Nutrition Council Meeting. New York, NY. June 2019.

22. A Food Systems Approach to Trans Fat Reduction. WHA19 Side event: Nutrition Policy Action to Save Lives: Trans fat Free by 2023. Geneva, Switzerland. May 2019.
23. Leveraging the Sustainable Development Goals to Improve Diets in Communities. Food = Health: A Conversation. Piscataway, NJ. April 2019.
24. Food, nutrition and the SDGs: the challenges faced in the US. The Sustainable Development Solutions Network Launch. New York, NY. December 2018.
25. Food systems approaches to improving diets globally. School of Public Health & School of Health Professions Nutrition Colloquium. Newark, NJ. September 2018.
26. Spotlight on food provider behavior. UNICEF Food Systems for Children and Adolescents Working Together to Secure Nutritious Diets. Florence, Italy. November 2018.
27. Climate, food system and nutrition: Keynote presentation. Columbia International Research Institute for Climate & Society & Columbia University Institute of Human Nutrition. October 2018.
28. Identifying synergies between climate adaptation and nutrition. Columbia International Research Institute for Climate & Society ACToday Nutrition Workshop. October 2018.
29. International Forum on Food and Nutrition. Barilla Center for Food and Nutrition & Sustainable Development Solutions Network. New York, NY. September 2018.
30. A food systems approach to improving diets globally. Rutgers Department of Human Ecology Seminar Series. March 2018.
31. The interface between consumers and their food environment: identifying points for intervening to improve food choices. Rutgers Department of Agriculture, Food and Resource Economics Seminar Series. February 2018.
32. Introduction to nutrition programming. International Research Institute for Climate and Society Columbia World Projects meeting. February 2018.
33. Tackling the multiple burdens of malnutrition globally: building on the past to better inform the future. Institute of Human Nutrition 60-year Anniversary Celebration. April 2017. (New York, USA).
34. Urban Food Systems: what is the role of policy? Global Urbanism Symposium. Rutgers University. May 2017.
35. Sustainable diets: what are they and will they deliver for nutrition? Earth Day Conference. April 2017. (Madison, Wisconsin)
36. Developing criteria to assess the quality of certifications. Ethical Certification Workshop. March 2017. (Shepherdstown, West Virginia).
37. Salt and the City: Examining the impact of NYC's sodium warning labels. Food and Nutrition Council: Health System Transformation: What's Food Got To Do With It? December 2016. (New York, USA)
38. Using value chain analysis to examine the trade-offs of food production and consumption. 2016 Food Systems Workshop: Teaching About Food Systems: Creating a Community of Practice. July 2016. (New York, USA).
39. Sustainable Diets: what are they and will they deliver for global food security? Sustainable Phosphorus Management for Future Food Security: An interdisciplinary workshop. June 2016. (Munich, Germany).
40. From Calgary to Columbia: my path to global nutrition. Briarcliff High School, Keynote presentation at Intel Research Program Year-end Event. May 2016. (Briarcliff, USA).
41. Multi-stakeholder Food Systems Panel. Committee on World Food Security, High Level Panel of Experts (HLPE)/Columbia University Special Exchange Seminar. May 2016. (New York, USA).
42. Food Policy in the Global Context. Mailman School of Public Health Food Policy and Obesity Prevention Brown Bag. March 2016. (New York, USA).
43. Reducing trans fat in the Indian food supply: A food systems approach. Institute of Human Nutrition Annual Retreat. November 2015. (New York, USA).
44. Improving policy coherence across Indian supply chains: a case study of trans fat. Presented at Bioversity International. April 2015. (Rome, Italy).
45. Obesity Mythbusters. School of International and Public Affairs Food Systems Brown Bag. April 2015. (New York, USA).

46. REACH Nutrition Governance Framework: Proof of Concept. REACH annual retreat. March 2015. (Rome, Italy).
47. Fixing our fractured food system: a path towards practical solutions. Professor Emeritus Stephen Leeder's Celebration. May 2014. (Sydney, Australia).
48. Food Security and Health in Australia. Good Food, Good Health Forum, the Charles Perkins Centre. March 2014. (Sydney, Australia).
49. Trade policy and public health nutrition. UN Special Rapporteur on the Right to Health, Regional consultation on unhealthy diets and NCDs. February 2014. (Mumbai, India).
50. International Participation and Cooperation. UN Special Rapporteur on the Right to Health, Regional consultation on unhealthy diets and NCDs. February 2014. (Mumbai, India).
51. Reconnecting with the food system: essential in overcoming NCDs. Melbourne Convention and Exhibition Centre, Festival of Ideas – NCDFREE launch. October 2013. (Melbourne, Australia).
52. Reducing trans fat consumption in India. The George Institute for Global Health. June 2013. (Sydney, Australia).
53. Trans fat reduction in India. Menzies Centre for Health Policy. February 2011. (Sydney, Australia).
54. Nutrition Myth Busters! School of Public Health Wellness Committee, University of Alberta. January 2010. (Edmonton, Canada).
55. Nutrition and You! Running Room. September 2009. (Edmonton, Canada).
56. Food Processor Overview. Alberta Pregnancy Outcomes and Nutrition (APrON) Study Team Training Session. May 2009. (Edmonton, Canada).
57. School health projects in Alberta. Department of Agriculture, Food and Nutrition Sciences Seminar Series. October 2008. (Edmonton, Canada).
58. Current Nutrition and Physical Activity Behaviors and the Future Needs of Junior High Students at S. Bruce Smith School. School staff meeting. June 2008. (Edmonton, Canada).
59. Childhood Obesity in First Nations. Alberta Head Start Conference. February 2007. (Edmonton, Canada).
60. The perils of Food Processor. Department of Agriculture, Food and Nutrition Sciences Seminar Series. January 2007. (Edmonton, Canada).
61. The Active Kids Project. Department of Agriculture, Food and Nutrition Sciences Seminar Series. September 2006. (Edmonton, Canada).
62. The Emiyuu Ayaachitt Awaash Project (The Active Kids Project). Cree Health Board and Social Services of James Bay Public Health Meeting. June 2006. (Whapmagoostui, Canada). Co-presented with Noreen Willows.