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 CRC Tier 2 – Clinical Nutrition • Associate Professor
 Department of Health, Kinesiology, and Applied Physiology
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Education

Postdoctoral Fellow Endocrinology & Nutrition	Mayo Clinic – Endocrine Research Unit April 2007-December 2010 Supervisor: Dr. Michael D. Jensen, M.D. Research Focus: Effects of sex steroids on fat metabolism and regional fat distribution
R.D.	College of Dietitians of Ontario Training: McGill University – McGill University Health Centers March 2007
Ph.D. Nutritional Science	McGill University – School of Dietetics and Human Nutrition September 2002 – October 2006 Supervisor: Dr. Peter J. Jones, Ph.D. Thesis title: The effects of weight loss on cholesterol metabolism in overweight and obese hyperlipidemic women
B.A.Sc., Honors Nutrition & Dietetics With Distinction	University of Guelph – Department of Applied Human Nutrition September 1998 – April 2002 Supervisor: Dr. Bruce J. Holub, Ph.D. Thesis title: Low dose fish oil and cardiovascular disease prevention

Employment History/Affiliations

2020 – present	<i>Scientific Advisory Panel Member</i> , Nutritional Fundamentals for Health Inc
2016 – present	<i>Associate Professor</i> , Department of Health, Kinesiology, and Applied Physiology (formerly Exercise Science), Concordia University
2016 – present	<i>Associate Researcher</i> , Centre de recherche de l'Institut universitaire de gériatrie de Montréal
2015 – present	<i>Researcher</i> , FRSQ Research Centre, Chronic Disease Axis, CIUSSS-NIM Hôpital du Sacré Cœur
2013 – present	<i>Researcher</i> , PERFORM Centre, Concordia University
2011 – 2018	<i>Collaborator</i> , Endocrine Research Unit, Mayo Clinic
2011-2016	<i>Assistant Professor</i> , Department of Exercise Science, Concordia University

Leaves of Absences and Interruptions to Research

Mar 2020-present:	COVID Pandemic - Though we have been approved to continue our human research studies in August 2020, there are a number of additional administrative tasks that I have now had to undertake due to the pandemic. Participant recruitment and graduate student progress continues to be impacted.
Jan 2019-May 2019:	At the beginning of 2019 I had a number of personal issues that severely interrupted my research productivity. I didn't take an official leave of absence because they didn't occur concurrently and were not foreseeable. Jan – Feb 2019 - Personal medical issue that caused an interruption to research. Feb. 2019 - Mid Mar – Death in Family, April 2019 - May 2019: Family medical emergency
Jan 2017-Jan 2018:	Parental Leave: Research and graduate student supervision was impacted prior to (with pregnancy), during, and after the leave (due to childcare)
Sept 2012-Aug 2013:	Parental Leave: Research and graduate student supervision was impacted prior to (with pregnancy), during, and after the leave (due to childcare)

Peer-reviewed Journal Articles

Authorship: 'S' or last author position indicates senior authorship. Italicized names are HQP that work with me. In my field publishing with HQP is encouraged and is the norm. *indicates equally shared first authorship.

Article Length: The length of the articles published journals varies, is often less than 10 pages, and is not reflective of the quality or importance of the work presented.

Journal Selection: The journals selected for publication are based on a combination of impact factor and target audience. Journals such as *Obesity Reviews*, *Journal of Clinical Endocrinology and Metabolism*, *Journal of Lipid Research*, *American Journal of Clinical Nutrition*, *Scientific Reports*, and *International Journal of Obesity* are among those that have the highest impact factor in their respective fields.

1. Murphy J, Tam BJ, Morais JA, Tchkonja T, Pirtskhalava T, Giogadze N, Kirkland JL, **Santosa S**. The age of obesity onset affects abdominal and femoral subcutaneous preadipocyte senescence and its changes with weight loss in females. *American Journal of Clinical Nutrition: Submitted*.
2. Turner L, Gauthier M-F, Lafortune A, Tcherno A, **Santosa S**. Adipocyte size, adipose tissue fibrosis, macrophage infiltration and disease risk are different in younger and older individuals with childhood versus adulthood onset obesity. *International Journal of Obesity: Submitted*.
3. Feola S, Ghaderian N, Delaney KZ, Andalib A, Demyttenaere S, Court O, Morais JA, Bacon SL, Demmers T, **Santosa S**. The 2-minute Walk Test cannot be used as an Alternative to the 6-minute Walk Test in individuals with Class III Obesity. *Obesity: Submitted*.
4. Brauer P, Desroches S, Dhaliwal R, Li A, Wang Y, **Santosa S**, Conklin AI, Klein D, Drouin-Chartier JP, Robitaille J, Horne J, Ponta ML, Burns R, Harding SV, Hosseini Z. Research Priorities and Indicators for Lifestyle Programs to Address Cardiometabolic Conditions. *Canadian Journal of Diabetes: Accepted*
5. Delaney KZ, **Santosa S**. Sex differences in regional adipose tissue expansion poses different threats for the development of diabetes in males and females. *Obesity Reviews: In Press*.
6. Nauli AM, **Santosa S**, Dixon JB. Editorial: Advances in dietary fat absorption. *Front Physiol*. 2021;12:707403
7. Kakinami L, Daniele PK, Ajibade K, **Santosa S**, Murphy J. Adiposity and muscle mass phenotyping is not superior to BMI in detecting cardiometabolic risk in a cross-sectional study. *Obesity*. 2021;29:1279-84.
8. Robidoux M, Winnepetonga D, **Santosa S**, Haman F. Will investing in local food procurement improve food security for northern Indigenous populations? *Appl Physiol Nutr Metab*. 2021: 10.1139/apnm-2020-0951 (epub ahead of print)
9. Kakinami L, Sadikaj G, Wrosch C, **Santosa S**, Alberga AS, Knauper B. Development and validation of a scale to measure compensatory behaviours. *Current Psychology: Submitted*.
10. Turner L, **Santosa S**. Putting ATM to BED: How adipose tissue macrophages are affected by bariatric surgery, exercise, and dietary fatty acids. *Advances in Nutrition*. 2021;12:1893-910.
11. Delaney KZ, Spatari L, Henderson M, **Santosa S**^{S*}, Mathieu ME^{S*}. Children with Obesity in pre-puberty or early puberty have lower lipid oxidation but greater reliance on lipid as a substrate during exercise: A QUALITY study. *Pediatric Exercise Science*. 2021;33:32-9.
12. Wang C, Murphy J, Delaney KZ, Morais JA, Tsoukas M, Lowry DA, Mutch DM, **Santosa S**^S. No association between rs174537 FADS1 genotype and immune cell profiles in human abdominal and femoral subcutaneous adipose tissue. *Adipocyte*. 2021;10:124-30.
13. Cooke AB, Kuate Defo A, Dasgupta K, Papaioannou TG, Lee J, Morin S, Murphy J, **Santosa S**, Daskalopoulou SS. Methodological considerations for the measurement of arterial stiffness using applanation tonometry. *Journal of Hypertension*. 2021;39:428-36.
14. Delaney KZ, Dam V, Murphy J, Morais JA, Pescarus R, Garneau P, **Santosa S**. A reliable, reproducible flow cytometry protocol for immune cell quantification in human adipose tissue. *Anal Biochem*. 2021;613:113951.
15. Murphy J, Delaney KZ, Dam V, Tam BT, Khor N, Tsoukas MA, Morais JA, **Santosa S**^S. Sex affects regional variations in subcutaneous adipose tissue T cells but not macrophages in adults with obesity. *Obesity*. 2020;28:2310-4.
16. Tam BT, Murphy J, Khor N, Morais JA, **Santosa S**^S. Subcutaneous adipose tissue acetyl CoA regulation, mitochondrial integrity and histone modification are different in females with childhood vs adult development of excess adiposity. *Endocrinology*. 2020;161:1-15.
17. Tam BT, Morais JA, **Santosa S**^S. Obesity and Aging: Two sides of the same coin. *Obesity Reviews*. 2020; 1-21.
18. Murphy J, Bacon S, Morais JA, Tsoukas M, **Santosa S**^S. Intra-abdominal Adipose Tissue Quantification by Alternative vs Reference Methods: A Systematic Review and Meta-Analysis. *Obesity*. 2019;27:1115-22.

19. Kakinami L, Houle-Johnson S, Demissie Z, **Santosa S**, Fulton, JE. Meeting fruit and vegetable consumption and physical activity recommendations among adolescents intending to lose weight. *Preventative Medicine Reports*. 2018;13;11-15.
20. *Delaney KZM*, Vanstone CA, Weiler HA, **Santosa S[§]**. Regional adiposity and markers of inflammation in preschool aged children. *Scientific Reports*. 2018;2;15204 (7 pages).
21. **Santosa S**, Bush NC, Jensen MD. Acute testosterone deficiency alters adipose tissue fatty acid storage. *Journal of Clinical Endocrinology and Metabolism*. 2017;102;3056-64.
22. *Murphy J*, Moullec G, **Santosa S[§]**. Factors associated with adipocyte size reduction after weight loss interventions for overweight and obesity: a systemic review and meta-regression. *Metabolism*. 2017;67;31-40.
23. **Santosa S**, *Bonnes S*, Jensen MD. Acute female hypogonadism alters adipose tissue fatty acid storage factors and chylomicronemia. *Journal of Clinical Endocrinology and Metabolism*. 2016;101;2089-98.
24. *Yang SQ*, DeGuire JR, Agellon S, Lavery P, Mak I, Weiler HA, **Santosa S[§]**. Conjugated linoleic acid mitigates testosterone-related changes in body composition in male guinea pigs. *Nutrition Research*. 2016;36;408-17.
25. *Dam V*, *Sikdar T*, **Santosa S[§]**. From Neutrophils to macrophages: Differences in regional adipose tissue depots. *Obesity Reviews*. 2016;17;1-17.
26. **Santosa S[§]**, Jensen MD. The sexual dimorphism of lipid kinetics in humans. *Frontiers in Endocrinology*. 2015: 6:103 (6 pages).
27. *Hames KC*, *Koutsari C*, **Santosa S**, Bush NC, Jensen MD. Adipose tissue fatty acid storage factors: effects of depot, sex and fat cell size. *International Journal of Obesity*. 2015;39;884-7.
28. *Varady KA**, *Dam V**, *Horne M*, *Cruz R*, *Klempel MC*, *Kroeger CM*, **Santosa S[§]**. Effects of weight loss via high fat vs low fat alternate day fasting diets on free fatty acid profiles. *Scientific Reports*. 2015;5;7561 (6 pages).
29. **Santosa S[§]**, Jensen MD. Sex and sex steroids: impact on the kinetics of fatty acids underlying body shape. *Hormone Molecular Biology and Clinical Investigation*. 2014;20;15-23.
30. **Santosa S**, Swain J, Tchkonja T, Kirkland JL, Jensen MD. Inflammatory characteristics of adipose tissue collected by surgical excision vs. needle aspiration. *International Journal of Obesity*. 2015;39;874-6.
31. *Du S*, *Rajjo T*, **Santosa S**, Jensen MD. The thermic effect of food is reduced in older adults. *Hormone and Metabolic Research*. 2014;46;365-9.
32. **Santosa S**, Jensen MD. Adipocyte fatty acid storage factors enhance subcutaneous fat storage in postmenopausal women. *Diabetes*. 2013;62;775-82.
33. **Santosa S**, Jensen MD. Effect of male hypogonadism on regional adipose tissue fatty acid storage and lipogenic proteins. *Public Library of Science One*. 2012;7:e31473 (10 pages).
34. **Santosa S**, *Khosla S*, *McCready L*, Jensen MD. Effects of estrogen and testosterone on resting energy expenditure in older men. *Obesity*. 2010;18;2392-4.
35. *Barrow CJ*, *Nolan C*, *McCleod M*, **Santosa S**, *Holub BJ*. Bioequivalence of encapsulated and microencapsulated fish-oil supplementation. *Journal of Functional Foods*. 2009;1;38-43.
36. *Kassis AN*, **Santosa S**, *Jones PJH*. Potential health claims on dietary fiber: How robust is the evidence? *International Journal of Naturopathic Medicine*. 2009;4;28-32.
37. **Santosa S**, *Hensrud DD*, *Votruba SB*, Jensen MD. The influence of sex and obesity phenotype on meal fatty acid metabolism before and after weight loss. *American Journal of Clinical Nutrition*. 2008;88;1134-41.
38. **Santosa S**, Jensen MD. Why are we shaped differently and why does it matter?. *American Journal of Physiology, Endocrinology and Metabolism*. 2008: 295;E531-5.
39. **Santosa S**, *Demonty I*, *Lichtenstein AH*, *Jones PJH*. Moderate weight loss: A self-directed protocol for women. *Canadian Journal of Dietetic Practice and Research*. 2008: 69;23-27.
40. **Santosa S**, *Demonty I*, *Lichtenstein AH*, *Ordovas JM*, *Jones PJH*. Single nucleotide polymorphisms in ABCG5 and ABCG8 are associated with changes in cholesterol metabolism during weight loss. *Journal of Lipid Research*. 2007;48;2607-2613.
41. **Santosa S**, *Demonty I*, *Lichtenstein AH*, *Cianflone K*, *Jones PJH*. An investigation of hormone and lipid associations after weight loss in women. *Journal of the American College of Nutrition*. 2007;26;250-258.
42. **Santosa S**, *Demonty I*, *Lichtenstein AH*, *Jones PJH*. Cholesterol metabolism and body composition in women : the effects of moderate weight loss. *International Journal of Obesity*. 2007;31;933-941.
43. *Varady KA*, **Santosa S**, *Demonty I*, *Jones PJH*. Validation of hand-held bioelectrical impedance analysis with magnetic resonance imaging for the assessment of body composition in overweight women. *American Journal of Human Biology*. 2007;19;429-433.

44. **Santosa S**, Varady KA, AbumWeis S, Jones PJH. Physiological and therapeutic factors affecting cholesterol metabolism: does a reciprocal relationship between cholesterol absorption and synthesis really exist?. *Life Science*. 2007;80;505-514.
45. Varady KA, Charest A, **Santosa S**, Demonty I, Lamarche B, Jones PJ. Effect of weight loss resulting from a combined low-fat diet/exercise regimen on low-density lipoprotein particle size and distribution in obese women. *Metabolism*. 2006;55;1302-1307.
46. **Santosa S**, Farnworth E, Jones PJH. Probiotics and their potential health claims. *Nutrition Reviews*. 2006;64;265-274.
47. **Santosa S**, Jones PJH. Health benefits of consumption of fish oil omega-3 fatty acids. *International Journal of Naturopathic Medicine*. 2006.
48. **Santosa S**, Jones PJH. Oxidative stress in ocular disease: does lutein play a protective role?. *Canadian Medical Association Journal*. 2005;173;861-862.
49. **Santosa S**, Farnworth E, Jones PJH. Probiotics: Health benefits to the gut. *International Journal of Naturopathic Medicine*. 2004.
50. **Santosa S**, AbuMweis S, Jones PJH. Plant sterols: Evidence to support a health claim. *International Journal of Naturopathic Medicine*. 2004.

Conference Papers/Presentations - Invited Talks

- 2021 "Going Low: Femoral Subcutaneous Fat as an Under-appreciated Depot in Metabolic Disease Risk" Canadian Obesity Summit. Virtual Talk
- 2021 "Age Matters: The Significance of the "When" of Obesity Development" MeDiC Seminar, Virtual Seminar
- 2021 "Metabolism, Obesity, Nutrition - MON lab from the Cell to the Whole Body" PERFORM Centre Annual Conference. Virtual Talk
- 2021 "PERFORMing Multidisciplinary Research" Panelist, PERFORM Centre Annual Conference. Virtual Talk
- 2020 "The Fundamental Differences in Childhood-Onset and Adulthood-Onset Obesity" Cardiometabolic Research Network, Virtual Talk
- 2020 "Femoral Subcutaneous Adipose Tissue: An Underappreciated but Key Player in Metabolic Disease Risk". CRIUGM, Virtual Seminar
- 2020 "The Juggling Act: How to fulfill the diverse roles of an academic career while maintaining work-life balance" Panelist. Canadian Nutrition Society Annual Meeting. Edmonton, AB, Canada (postponed due to COVID)
- 2020 "MON Lab and More: Beyond Obesity and Adipose Tissue" Keynote Talk. MeDiC Research Day. Montreal, QC (Cancelled due to COVID)
- 2020 "Regional Adiposity: Influencers and Effects on Disease Pathology" MDRC Annual Research Retreat. Montreal, QC
- 2019 "Regional Adipose Tissue: Affectors and Effectors" Seminar, Mondor Biomedical Research Institute, Université Paris-Est Créteil Val de Marne. Créteil, France
- 2019 "Why Nutrition?" Nutrition Workshop, PERFORM Research Week. Montreal, QC
- 2018 "Factors Affecting Regional Adipose Tissue and its Contribution to Disease Pathology". Obesity, Metabolism, and Type 2 Diabetes Axis Conference. Laval University, Ste. Foy, QC
- 2017 "Adipose Tissue Contribution to Metabolic Aging" Canadian Nutrition Society Annual Meeting, Montreal, QC
- 2017 "Panic to Power: Improving Career Confidence" Trainees in Nutrition Pre-conference Workshop, Montreal, QC
- 2016 "Adipose Tissue Contribution to Obesity Related Metabolic Disorders" Conference CRIUGM, Montreal, QC
- 2016 "Acute and Chronic Effects of Obesity on Cardiovascular Disease Risk Factors" Canadian Vascular Network Annual Meeting, Montreal, QC
- 2016 "Sexual Dimorphism of Lipid Kinetics" Department of Biology, York University, Toronto, ON
- 2016 "Economic Cost of Obesity in Canada" JMSB, Concordia University, Montreal, QC
- 2015 "Acute and Chronic Effects of Obesity on Cardiovascular Disease Risk Factors" Canadian Vascular Network Annual Meeting, Toronto, ON, Canada
- 2015 "Lipid Steps to Understanding Obesity" Exercise Science Department Seminar Series, Montreal, QC, Canada
- 2015 "Lipid Steps to Understanding Obesity" Sacre Coeur Seminar Series, Montreal, QC, Canada
- 2015 "Why Should We Care About Apples and Pears?" Sacre Coeur Hospital, Montreal, QC, Canada
- 2014 "Sex, Vet and Other Stuff" Vrije Universiteit Medical Centre, Amsterdam, Netherlands
- 2014 "Sex, Fat and Other Stuff" Sacre Coeur Hospital, Montreal, QC, Canada
- 2013 "Portion Distortion" Canadian Association of Cardiac Rehabilitation Meeting. Montreal, QC, Canada

- 2012 “Apples and Pears: Why are we shaped the way we are?”. Canadian Nutrition Society Annual Meeting. Vancouver, BC, Canada.
- 2012 “Sex and Fat: What we have learned in why we are shaped the way we are?”. Sacre Coeur Hospital, Montreal, QC, Canada.
- 2012 “Use of stable and radioactive isotopes to examine the effects of sex steroids on fatty acid metabolism in humans”. Concordia University, Montreal, QC, Canada.
- 2011 “Weight loss: Shifts in lipid pathways”. McGill University, Montreal, QC, Canada.
- 2010 “Effects of chronic testosterone deficiency on fat metabolism”. Endocrine Grand Rounds. Mayo Clinic. Rochester, MN, USA.
- 2009 “Lipid steps towards understanding disease prevention”. Solae Company. Saint Louis, MO, USA.
- 2007 “Cholesterol absorption to synthesis: from physiology to genetics”. Invited speaker series. University of Manitoba. Winnipeg, MB, Canada.
- 2005 “The effect of moderate weight loss in overweight and obese hyperlipidemic women on cholesterol absorption, synthesis and turnover”. AFMNet Workshop. Montreal, QC, Canada.
- 2004 “Fat-based functional foods”. Functional Foods Workshop. Havana, Cuba.

Abstracts Presented (Peer-Reviewed)

✕Indicates abstract was awarded a prize/honor. Italicized authors are HQP.

1. *Murphy J, Tam BJ*, Morais JA, Tchkonja T, Pirtskhalava T, Giogadze N, Kirkland JL, **Santosa S**. Adipose tissue senescence in young women with childhood-onset and adult-onset obesity before and after moderate weight loss. 2021. Canadian Obesity Summit. Virtual. [E-presentation].
2. *Turner L*, Gauthier M-F, Tchernof A, **Santosa S**. The effects of age and age of obesity onset on adipocyte size and adipose tissue fibrosis. 2021. Canadian Obesity Summit. Virtual. [E-presentation].
3. *Tam BT, Murphy J, Khor N*, Tchkonja T, Kirkland J, Morais JA, **Santosa S**. Adipogenic potential of preadipocytes is lower in individuals with adulthood-onset obesity. 2021. Canadian Obesity Summit. Virtual. [E-presentation].
4. *Delaney KZ, Murphy J*, Morais JA, **Santosa S**. Disordered eating in childhood vs adulthood onset obesity. 2021. Canadian Obesity Summit. Virtual. [E-presentation].
5. *Delaney KZ*, Bacon SL, **Santosa S**[§]. for the REBORN Investigators. Dietary patterns and nutrient levels of patients post-bariatric surgery. Canadian Nutrition Society. Edmonton, AB. [Oral].
6. *Delaney KZ, Murphy J, Dam V*, Garneau PY, Pescarus R, Atlas H, Denis R, Morais JA, **Santosa, S**[§]. ✕ Characterizing regional adipose tissue and sex differences in obesity and type 2 diabetes. 2020. Research is better with sex and gender symposium. University of Calgary. Calgary, AB. [Oral].
7. *Danieles PK, Ajibade K*, **Santosa S**, *Murphy J*, Kakinami L. Fat and muscle mass phenotyping by DXA is not superior to BMI in prediction of cardiometabolic risk. 2020. Society for Epidemiologic Research Conference. Boston, MA, USA. [Poster].
8. *Tam BT, Murphy J, Khor N*, Morais JA, **Santosa S**[§]. ✕ The fundamental differences between individuals with early- and late-onset obesity: an acetyl CoA approach. 2020. Experimental Biology. San Diego, CA, USA. [Oral].
9. *Delaney KZ, Murphy J, Dam V*, Garneau PY, Pescarus R, Atlas H, Denis R, Morais JA, **Santosa S**. Investigating immune cell presence in visceral and subcutaneous adipose tissue from women undergoing bariatric surgery. 2020. Montreal Diabetes Research Center Annual Retreat. [Oral].
10. *Woods R, Lavoie KL, Julien CA, Mercier L, Gemme C, Garneau P, Atlas H, Denis R, Pescarus R*, **Santosa S**, Bacon SL. for the REBORN Investigators (2019). Identifying possible loci of motivation for treatment adherence in linking depression to negative emotional eating within pre-operative bariatric patients. Conference Abstracts, Annals of Behavioral Medicine. 2019; 53(3);299–308.
11. *Gemme C, Lavoie KL, Julien CA, Labonté T, Mercier L, Woods R, Garneau P, Atlas H, Denis R, Pescarus R*, **Santosa S**, Bacon SL. The Impact of Marital Status and Sex on Post-Surgery Weight Loss in Bariatric Patients. Conference Abstracts, Annals of Behavioral Medicine. 2019;53(3);299–308.
12. *Julien CA, Lavoie KL, Mercier L, Woods R, Gemme C, Garneau P, Atlas H, Denis R, Pescarus R*, **Santosa S**, Bacon SL. for the REBORN Investigators (2018). Do preoperative depression and disordered eating patterns influence weight changes among post-bariatric surgery patients? 2018. European Health Psychology Society. [Poster].
13. *Murphy J, Tam B*, Kirkland J, Tchkonja T, Morais JA, **Santosa S**[§]. Childhood-onset obesity exacerbates cellular senescence in abdominal but not femoral preadipocytes. 2019. Canadian Nutrition Society. Niagara Falls, ON, Canada. [Poster].

14. *Delaney KZ, Dam V, Murphy J, Garneau P, Pescarus R, Atlas H, Morais JA, Santosa S[§]*. Greater presence of pro-inflammatory immune cells in visceral adipose tissue compared to subcutaneous adipose tissue in women undergoing bariatric surgery. 2019. Canadian Nutrition Society. Niagara Falls, ON, Canada. [Poster]
15. *Dera A, Murphy J, Morais JA, Santosa S[§]*. Childhood-onset obesity impairs muscle strength and fat oxidation but not cardiorespiratory fitness and carbohydrate oxidation. 2019. European Lifestyle Medicine Congress. Geneva, Switzerland. [Poster]
16. *Delaney KZM, Henderson M, Santosa S[§], Mathieu ME[§]✕* Effect of adiposity on substrate use during exercise in tanner stage 1 & 2 children: A QUALITY study. 2018. The Obesity Society Meeting. Nashville, TN, USA. [Poster and Oral]
17. *Murphy J, Dam V, Delaney K, Morais JA, Tsoukas M, Santosa S*. Regional adipose tissue immune cell profiles in childhood-onset and adult-onset obesity. Experimental Biology. 2018. San Diego, CA, USA. [Poster]
18. *Delaney KZM, Murphy J, Dam V, Santosa S[§]✕* Isolation and quantification of immune cell populations in human adipose tissue by flow cytometry. 2018. Montreal, QC [Poster]
19. *Delaney KZM, Murphy J, Dam V, Santosa S[§]✕* Isolation and quantification of immune cell populations in human adipose tissue by flow cytometry. Canadian Obesity Network Student and New Professionals Conference. London, ON [Oral]
20. *Zaverdinos M, Murphy J, Santosa S, Kakinami L*. Improving cardiometabolic risk prediction with body composition phenotypes. PERFORM Centre Annual Conference. 2018. Montreal, QC [Poster]
21. *Dera A, Murphy J, Morais JA, Santosa S[§]*. The effect of childhood vs adult-onset obesity on fitness and muscle strength in adults. PERFORM Centre Annual Conference. 2018. Montreal, QC [Poster]
22. *Murphy J, Dam V, Delaney K, Morais JA, Tsoukas M, Santosa S[§]✕* Regional adipose tissue immune cell profiles in childhood-onset and adult-onset obesity. PERFORM Centre Annual Conference. 2018. Montreal, QC [Poster]
23. *Julien C, Lavoie KL, Garneau P, Atlas H, Denis R, Pescarus R, Santosa S, Bacon SL*. Do preoperative depression and disordered eating patterns influence weight changes among post-bariatric surgery patients? European Health Psychology Society Conference. 2018. Galway, Ireland. [Poster].
24. *Woods R, Lavoie KL, Julien C, Mercier LA, Gemme C, Garneau P, Atlas H, Denis R, Pescarus R, Santosa S, Bacon SL*. Identifying possible loci of motivation in linking depression to negative emotional eating within pre-operative bariatric patients. International Behavioural Trials Network. 2018. Montreal, QC [Poster].
25. *Kakinami L, Knauper B, Sadikaj G, Santosa S, Wrosch C*. Development and validation of a scale to measure compensatory behaviours. Public Health Conference. 2018. Montreal, QC, Canada. [Poster].
26. *Dera A, Murphy J, Morais JA, Santosa S[§]*. The effect of childhood vs adult-onset obesity on fitness and muscle strength in adults. The Obesity Society Meeting. 2017. Washington, DC, USA. [Poster]
27. *Delaney K, Vanstone CA, Weiler HA, Santosa S[§]✕* Regional adiposity and markers of inflammation in pre-school aged children. PERFORM Annual Meeting. 2017. Montreal, QC, Canada. [Poster]
28. *Delaney K, Vanstone CA, Weiler HA, Santosa S[§]*. Regional adiposity and markers of inflammation in pre-school aged children. Canadian Nutrition Society Meeting. 2017. Montreal, QC, Canada. [Oral and Poster]
29. *Spatari L, Henderson M, Santosa S[§], Mathieu ME[§]*. Increased lipid oxidation during exercise in obese pre-pubertal children with excess abdominal fat. Canadian Nutrition Society Meeting. 2017. Montreal, QC, Canada. [Poster]
30. *Julien CA, Lavoie KL, Béland M, Atlas H, Denis R, Garneau P, Pescarus R, Santosa S, Bacon SL*. Associations between psychological distress, problematic eating, weight and BMI in a Canadian sample of bariatric surgery candidates. 2017. International Conference on the Efficacy of non-Pharmacological interventionS (iCEPS). Montpellier, France. [Poster]
31. *Julien C, Lavoie KL, Béland M, Atlas H, Denis R, Garneau P, Pescarus R, Santosa S, Bacon SL for the REBORN Investigators*. Associations between depression, eating behaviours and preoperative weight in obese patients awaiting bariatric surgery. Canadian Psychological Association Meeting. 2017. Toronto, ON, Canada. [Oral]
32. *Julien CA, Lavoie KL, Béland M, Atlas H, Denis R, Garneau P, Pescarus R, Santosa S, Bacon SL*. Is depressive status associated with preoperative weight and problematic eating behaviours among candidates for bariatric surgery? 2017. Canadian Obesity Network (CON) Obesity Summit. Banff, Alberta, Canada. [Poster]
33. *Julien CA, Lavoie KL, Atlas H, Denis R, Garneau P, Pescarus R, Santosa S, Bacon SL*. Do psychological and behavioral factors influence weight changes before bariatric surgery? 2017. Canadian Association of Bariatric Physicians and Surgeons (CABPS). Niagara Falls, ON, Canada. [Oral]
34. *Gagnon-Chauvin A, Lavoie KL, Julien CA, Atlas H, Denis R, Garneau P, Pescarus R, Santosa S, Bacon SL*. Prevalence and impact of psychological distress on quality of life in bariatric surgery candidates. 2017. Canadian Psychology, 58 (1a): 206.

35. Kakinami L, Houle-Johnson S, Demissie Z, **Santosa S**, Fulton, J. E. Nutrition and physical activity behaviors based on weight intentions in a representative sample of US high school students. Epidemiology Congress of the Americas. 2016. Miami, Florida, USA. [Poster]
36. *Murphy J*, Moullec G, **Santosa S**^s. Factors associated with adipocyte size reduction after weight loss interventions for overweight and obesity: a meta-regression analysis. Canadian Nutrition Society Annual Meeting. 2016. Ottawa, ON, Canada. [Poster]
37. **Santosa S**^s, *Yang SQ*, Weiler HA, DeGuire J, and Agellon S. Effects of Hypogonadism and CLA on Regional Adipose Tissue and Fatty Acid Composition in Male Guinea Pigs. Experimental Biology Meeting. 2015. Boston, MA, USA. [Oral]
38. *Varady KA*^{*}, *Dam V*^{*}, Horne M, Cruz R, Klempel MC, Kroeger CM, **Santosa S**. Effects of weight loss via high fat vs low fat alternate day fasting diets on free fatty acid profiles. The Obesity Society Meeting. 2014. Boston, MA, USA. [Poster]
39. *Bush N*, **Santosa S**, *Jensen MD*.[✕] Effects of acute testosterone suppression on regional adipose tissue fatty acid storage and lipogenic enzyme activity. UAB Center for Exercise Medicine and Rehabilitation Annual Symposium. 2014. Birmingham, AL. [Poster]
40. *Jensen TB*, *Hartman JJ*, **Santosa S**, *Lanningham-Foster L*, *Jensen MD*. Self-measured vs. professionally measured waist and hip circumference: Improving clinical screening for the metabolic syndrome. The Obesity Society Meeting. 2012. San Antonio, TX, USA. [Poster]
41. *Reppert S*, **Santosa S**, *Jensen MD*. Increase in visceral adipose tissue with acute estrogen suppression in women. The Obesity Society Meeting. 2011. Orlando, FL, USA. [Poster].
42. **Santosa S**, *Jensen MD*. Estrogen effects on direct free fatty acid storage pathways in women. American Diabetes Association Meeting. 2011. San Diego, CA, USA [Poster].
43. **Santosa S**, *Jensen MD*. Estrogen effects meal fatty acid metabolism in women. Canadian Obesity Network Meeting. 2011. Montreal, QC, Canada. [Oral].
44. **Santosa S**, *Jensen MD*.[✕] Testosterone effects on direct free fatty acid storage pathways in men. The Obesity Society Meeting. 2010. San Diego, CA, USA. [Poster].
45. **Santosa S**, *Jensen MD*. Testosterone effects of meal fatty acid metabolism in men. American Diabetes Association Meeting. 2010. Orlando, FL, USA. [Poster].
46. **Santosa S**, *Khosla S*, *McCready L*, *Jensen MD*. No individual or combined acute effects of estrogen and testosterone on respiratory exchange ratio or resting energy expenditure in older men. The Obesity Society Meeting. 2009. Washington, DC, USA. [Poster].
47. **Santosa S**, *Hensrud DD*, *Votruba S*, *Jensen MD*. The influence of sex and obesity phenotype on meal fatty acid metabolism before and after weight loss. Experimental Biology. 2008. San Diego, CA, USA. [Oral].
48. **Santosa S**, *Demonty I*, *Lichtenstein AH*, *Jones PJ*. Cholesterol metabolism and body composition in women: the effects of moderate weight loss. The Obesity Society Meeting. 2006. Boston, MA, USA. [Oral].
49. **Santosa S**, *Demonty I*, *Ordovas J*, *Lichtenstein AH*, *Jones PJ*. Polymorphisms of ATP binding cassette G5 and G8 transporters: their effect on cholesterol metabolism after moderate weight loss in overweight and obese hyperlipidemic women. Experimental Biology. 2006. San Francisco, CA, USA. [Oral].
50. *Demonty I*, **Santosa S**, *Lichtenstein AH*, *Cianflone K*, *Jones PJH*. Body composition, plasma adipocytokins and cardiovascular risk factors before and after weight loss in overweight and obese women. International Society for Atherosclerosis. 2006. Rome, Italy. [Poster]
51. **Santosa S**, *Demonty I*, *Lichtenstein AH*, *Jones PJH*. The effect of moderate weight loss in overweight and obese hyperlipidemic women on cholesterol absorption, synthesis and turnover. North American Society for the Study of Obesity Meeting. 2005. Vancouver, BC, Canada. [Poster]
52. **Santosa S**, *Demonty I*, *Lichtenstein AH*, *Jones PJH*. The effect of moderate weight loss in overweight and obese hyperlipidemic women on cholesterol absorption, synthesis and turnover. L'Institut des nutraceutiques et des aliments fonctionnels Symposium. 2005. Quebec, QC, Canada. [Poster]
53. *Varady KA*, **Santosa S**, *Demonty I*, *Charest A*, *Lamarche B*, *Jones PJ*. Weight loss resulting from a combined low fat diet/exercise program does not favourably alter low-density lipoprotein particle size and distribution in obese women. Canadian Federation for Biological Sciences Meeting. 2005. Guelph, ON, Canada. [Poster]
54. *Demonty I*, **Santosa S**, *Cianflone K*, *Lichtenstein AH*, *Jones PJH*. Plasma acylation stimulating protein, leptin, adiponectin and insulin before and after weight loss in overweight and obese women. North American Association for the Study of Obesity Meeting. 2004. Las Vegas, NV, USA. [Poster]

55. **Santosa S**, Demonty I, Lichtenstein AH, Jones PJH. Weight loss leads to favourable changes in lipid profiles of overweight and obese hyperlipidemic women. Canadian Society for Clinical Nutrition Meeting. 2004. Toronto, ON, Canada. [Poster]

Broadcast/Media Interviews

- 2021 "Eager to socialize, CEGEP students say in-person classes outweigh risk of delta variant" CBC News. Aug. 23
 2021 "Returning to classes with Quebec's government COVID measures" CBC Daybreak Radio. Aug. 9
 2021 "Higher education returning to class" CBC News at 6. Feb. 4
 2021 "Higher education returning to class" CBC Daybreak Radio. Feb. 4
 2020 "Student cheating on final exams from the faculty perspective" CBC Radio. Nov. 26
 2020 "Preventing overeating during the COVID pandemic" 7 Interviews for CBC London, Charlottetown, Windsor, Yellowknife, Victoria, Kelowna, Kamloops. Apr. 9
 2020 "Obesity as a disease of aging" The Andrew Lawton Show - TrueNorth Podcast. Mar. 5.
 2020 "Opinion: Obesity should be viewed as a disease" Montreal Gazette. Mar. 4.
 2020 "Obesity should be considered 'premature aging': Concordia researcher" CTV News at Noon. Mar. 3.
 2020 "Link obesity and aging" CityNews. Feb. 27.
 2020 "The effects of obesity mirror those of ageing" Top of Reddit r/science with 38.4K bumps. Feb. 26
 2020 "New research finds parallel between obesity and ageing" CBC Radio. Let's Go. Feb. 26.
 2020 "Obesity and eating disorders: Researchers seek new approaches to prevention and intervention" Globe and Mail. Feb. 19.
 2019 "Montrealers New Year's Resolutions" CityNews. Dec. 31.
 2019 "Yes, the middle age spread is real – and dangerous" Montreal Gazette. Dec. 16.
 2019 "Yes, the middle age spread is real – and dangerous" National Post. Dec. 9.
 2019 "The Growing Obesity Issue" Concordia University Magazine. Oct issue.
 2018 "The Diet Trap" CTV News at Noon.
 2017 "La chercheuse Sylvia Santosa explore la face cachée de l'obésité" Le Devior. Dec. 5.
 2017 "Weighing students during gym class in CEGEPs: is it ethical?". CBC Radio Homerun Show.
 2017 "Opinion: Is it right to weigh students during gym class in CEGEPs?". CBC Radio Quebec.
 2017 "Nutrition, obesity, and weight loss...what about the research?". CJLO Radio.
 2017 "Keeping New Years Resolutions for Exercise and Diet". James Meanie Show CJAD Radio.
 2017 "Eating well: Advice for students from an expert". Concordia NOW. Aug. 31.
 2014 "I found my passion". Concordia NOW. Apr. 9.
 2013 "Just weight until menopause". Concordia NOW. Mar. 27.

Community Education Talks

- 2021 "Through the Looking Glass: Obesity as a Disease of Ageing" Saint James Literary Society, Montreal, QC, Canada
 2021 "Healthy Eating Tips" Nutritional Fundamentals for Health Inc., Web Video
 2021 "Nutrition 101: Part Deux" Paysafe, Montreal, QC, Canada
 2020 "Nutrition 101" Paysafe, Montreal, QC, Canada
 2016 "Balancing Meals" CPE Narnia, Montreal, QC, Canada
 2015 "Foods for Fuel: Nutrition for Sport" Galaxy Volleyball, Toronto, ON, Canada
 2015 "Nutrition – How to Get on the Right Track" Community Health Education Program, Montreal, QC, Canada
 2012 "Gaining and losing weight: Get the new facts". Community Health Education Program, MUHC, Montreal, QC, Canada.
 2011 "Healthy food, healthy life: does our culture support healthy, affordable eating?". University of the Streets Café. Concordia University. Montreal, QC, Canada.

Research Funding

- 2022-2027 Tummy vs. Thighs: Defining Healthy and Unhealthy Subcutaneous Adipose Tissue Characteristics in Obesity and Type 2 Diabetes and the Effects of Surgically Induced Weight Loss, Principal Investigator, Canadian Institutes of Health Research Project Grant, \$589,050

2022-2023	“Brain health in females across the adult lifespan: quantitative imaging of the effect of estradiol, arterial stiffness, and inflammation on the brain”, Co-applicant, Canadian Institutes of Health Research Bridge Funding, \$100,000
2021-2024	Understanding the impact of radical changes in diet and the microbiome on brain function and structure, Co-Applicant, Weston Family Foundation Brain Health: Lifestyle Approaches and Microbiome Contributions Program, \$1,500,000
2020-2021	Low Protein-High Carbohydrate Diets: Does Protein Source Affect Lipid Metabolism and Dietary Safety? Co-Principal Investigator, PERFORM Multidisciplinary Research Proposals in Preventive Health, \$30,000
2020-2026	Acute and Chronic Effects of Obesity, Principal Investigator, Natural Science and Engineering Research Council of Canada, Discovery Grant, \$40,000/year x 6 years = \$240,000
2019-2024	Canada Research Chair, Tier 2 – Clinical Nutrition (CIHR), \$100,000/year x 5 years = \$500,000
2019-2021	The Role of Nutrition in Muscle Function of Bariatric Surgery Patients, Principal Investigator, Research Grant, Canadian Foundation for Dietetic Research, \$20,000
2019-2020	Of Brain and Body: An Investigation of their Interaction in Obesity, Co-Principal Investigator, PERFORM Multidisciplinary Grant, \$25,000 + \$25,000 in-kind
2018-2020	The Effects of Exercise on MRS-measured intramyocellular and extramyocellular lipids in early and late onset obesity, Principal Investigator, Pilot Grant QBIN-RBIQ, \$12,500
2018	Replacement of Blue Laser for FACS Verse Flow Cytometer, Principal Investigator, Facilities Optimization Program, Concordia University, \$7,628
2018-2020	Horizon Postdoctoral Fellowship, Concordia University, \$20,000
2016-2017	Before and After Weight Loss: The Effects of Diabetes and Obesity on Regional Adipose Tissue Characteristics, Principal Investigator, Concordia University Seed (Individual) Funding, \$7,000 x 1 year
2015-2020	Acute and chronic effects of obesity on cardiovascular disease risk factors, Principal Investigator, Heart and Stroke Foundation of Canada, Emerging Research Leaders Initiative, \$50,000/year x 3 years = \$150,000
2012-2019	Acute and Chronic Effects of Obesity, Principal Investigator, Natural Science and Engineering Research Council of Canada, Discovery Grant, \$29,000/year x 5 years = \$145,000
2012-2019	Canada Research Chair, Tier 2 – Clinical Nutrition (CIHR), \$100,000/year x 5 years = \$500,000
2012-2017	Flow Cytometry Facility for Nutrition, Obesity and Metabolism Laboratory: Studying the effects of obesity on cellular composition and dynamics of adipose tissue, Principal Investigator, Canadian Foundation for Innovation, Leaders Opportunity Fund, \$240,000
2012	Physiological and biological consequences of obesity, Principal Investigator, Concordia University, PERFORM Seed Funding, \$10,000
2009-2011	Influence of Male Sex Hormones on Fat Metabolism, Co-Investigator, Abbott Laboratories, \$20 000 & Lupron drug supply

Postdoc and Graduate Student Supervision

Research Associate

2016-2018 Marie-Amelie Lukasewski

Postdoctoral Fellows

2018-2021 Bjorn Tam (Horizon Postdoctoral Fellowship, PERFORM Centre Postdoctoral Fellowship Award in

Preventive Health, ASBMB Travel Award)

Jan-May 2016 Laura McBriarty (Saskatchewan Health Region Fellowship)

Doctoral Students

2016-present Kerri Delaney (Faculty of Arts and Science Out of Province Tuition Remission, CNS Nutrition graduate student and trainee award finalist, Christine Gagnon Memorial travel fund, PERFORM Annual Conference Poster Prize, PERFORM Graduate Student Award)
Thesis: Effects of diabetes and obesity on regional adipose tissue cellular characteristics

2014-present Jessica Murphy (FRQS Doctoral Award, Faculty of Arts and Science Scholarship, Ed Whitlock Award, Diabete Quebec Summer Studentship, PERFORM Doctoral Merit Award)
Thesis: Effects of weight loss on immune function and disease risk factors in acute and chronic obesity

Master's Students

2021-present Tiffany Moey
Thesis: Post-op Nutrition Requirements of Bariatric Surgery Patients

2020-present Sarah Feola (Faculty of Arts and Science Graduate Fellowship)
Thesis: The effect of exercise on MRS-measured intramyocellular and extramyocellular lipids in early and late onset obesity

2018-present Laurent Turner (Dean of Arts and Science Award of Excellence, PERFORM Graduate Student Award)
Thesis: Regional adipose tissue characteristics in obesity onset vs aging

Jun-Oct 2020 Marissa Lawson (I supervised dietetics component of MScA, McGill University)
Project: Effective Teaching Strategies for the Blended Classroom

2018-2020 Niloufar Ghaderian (Faculty of Arts and Science Graduate Fellowship)
Thesis: Post-op Nutrition Requirements of Bariatric Surgery Patients

2018-2021 Lucas Almeida (Faculty of Arts and Science Graduate Fellowship)
Thesis: Effects of weight loss on cardiometabolic health in early and late onset obesity

2015-trans to PhD Kerri Delaney (Faculty of Arts and Science Out of Province Tuition Remission)
Thesis: Effects of diabetes and obesity on regional adipose tissue cellular characteristics

2015-2018 Abdulrahman Dera (Masters Scholarship from King Abdulaziz University)
Thesis: Effects of weight loss on fitness and disease risk factors in acute and chronic obesity

2013-2018 Leila Ghiasi
Thesis: Preadipocyte cellular characteristics in acute and chronic obesity

2012-2015 Vi Dam (Faculty of Arts and Science Scholarship, FRQS Doctoral Award, Ed Whitlock Award, Canadian Vascular Network Scholar Award, 1st runner up Canadian Vascular Network Student Presentations, FRQS Salary Award)
Thesis: Immune function and disease risk in acute and chronic obesity

2012-2013 Susan Yang, Co-supervisor, M.Sc. (Applied) Candidate, McGill University
Thesis: The effects of hypogonadism and CLA on regional adipose tissue FA composition in guinea pigs

Undergraduate Students

September 2021-present Lyne Al Nabelsi, BIOL 490 Independent Study student

2020-2021 Ana Christina, Volunteer

December 2019-March 2020 Mariane Basil, Volunteer

Summer 2019 Taisiia Saznova (Mitacs Global Link), Summer Student

2018-2019 Adam Segal, Volunteer

2018 Laurent Turner, Volunteer

Summer 2017	Grecia Marquez (Mitacs Global Link), Summer Student
2015-2016	Leandra Spartari (Concordia USRA) Supervisor, Summer Student
2015-2016	Samantha So, Volunteer
2015-2016	Alexi Wloski, Volunteer
2015-2016	Saba Saremi, Volunteer
Summer 2015	Sarah Briand (Concordia USRA), Summer Student
Summer 2015	Melanie Moran Diaz (Mitacs Global Link), Summer Student
2014	Vicky Gutierrez, Volunteer
Summer 2014	Bruno Brandao (Science Without Borders, Brazil), Summer Student
2013-2014	Ryan Burgess, Science College Project
2012-2013	Tarifin Sikder, Literature Review & Honors Thesis
2011-2012	Matthew Horne, Literature Review & Honors Thesis
Winter 2012	Ali Virk, Undergraduate Project
Fall 2011	Crystal Conrad, Dietetic Intern

Editorial Activities

2020-present	Frontiers in Nutrition, Guest Editor – Ketogenic Diets Responsibilities: Assess whether manuscripts should be sent for peer review, manage the peer review of manuscripts, make final editorial decisions
2019-present	International Journal of Obesity, Editorial Board Member Responsibilities: Assess whether manuscripts should be sent for peer review, manage the peer review of manuscripts, make final editorial decisions
2019-present	Frontiers in Physiology, Guest Editor – Dietary Fat Absorption Responsibilities: Assess whether manuscripts should be sent for peer review, manage the peer review of manuscripts, make final editorial decisions
2014-present	Scientific Reports, Editorial Board Member Responsibilities: Assess whether manuscripts should be sent for peer review, manage the peer review of manuscripts, make final editorial decisions

Peer Review Activity

Ad Hoc Reviewer for Journals
 AIMS Medical Science – 1 article
 American Journal of Clinical Nutrition – 3 articles
 American Journal of Physiology Endocrinology and Metabolism – 2 articles
 Applied Physiology, Nutrition and Metabolism – 3 articles
 Arteriosclerosis, Thrombosis, and Vascular Biology – 1 article
 Diabetes – 5 articles
 Diabetologia – 1 article
 European Journal of Applied Physiology – 3 articles
 International Journal of Obesity – 3 articles
 Gerontology – 1 article
 Journal of Behavioural Medicine – 2 articles
 Journal of Nutrition – 1 article
 Journal of the International Society of Sports Nutrition – 1 article
 Obesity – 5 articles
 Obesity Reviews – 4 articles
 Metabolism – 3 articles
 New England Journal of Medicine – 1 article

Nutrition and Dietetics – 1 article
 Nutrition, Health, and Aging – 1 article
 Nutrition Reviews – 1 article
 Therapeutic Advances in Endocrinology and Metabolism – 1 article
 Translational Research – 1 article

External Reviewer Grants

2021 Biotechnology and Biological Sciences Research Council, UK
 2018 Natural Science and Engineering Research Council of Canada
 2017 Natural Science and Engineering Research Council of Canada
 2016 Boston Area Diabetes Endocrinology Research Center Pilot and Feasibility Grant
 2016 Dairy Farmers of Canada Nutrition Research Funding program
 2015 Natural Science and Engineering Research Council of Canada
 2014 Canadian Institute of Health Research
 2014 Natural Science and Engineering Research Council of Canada

Committee Member Grant Reviewer

2020 Ontario Early Research Awards, Life Sciences Non-Clinical Panel
 2020 FRQS CFI John R Evans Leaders Fund
 2019 Quebec Bioimaging Network, Student Awards

Textbook Reviewer

2011 Discovering Nutrition 4th edition. Insel, Turner, Ross. Jones and Bartlett Publishing

Leadership/Committees

Cardiometabolic Health, Diabetes, and Obesity Research Network (2021-present)

Obesity Canada, Biomedical and Basic Science Committee (2020- present)

Canadian Nutrition Society

- Ethics Committee (2018-present)
- Annual Conference Organizing Committee (2016-2017)
- Communications and Membership Committee (2016-present)
- Membership Committee (2014-2016)

PERFORM Centre

- **Scientific Lead**, Nutrition Suite (2015-present)
- **Chair**, Scientific Education and Communications Committee (2018-present)
- Scientific Education and Communications Committee (2014-2018)
- Scientific Engagement and Advisory Committee (2015-present)

Department of Health, Kinesiology, and Applied Physiology

- Honours Committee (2020-present)
- **Chair**, Awards Committee (2015-2017)
- Awards Committee (2011-2012, 2014-2015, 2018-2019)
- Graduate Program Committee (2014-present)
- Graduate Program Committee Executive (2015-2016, 2018-2020)
- Curriculum Committee (2014-2015)

Thesis Evaluation Committees

PhD

- 2020 Catalina Carvajal Gonczi, "Modulation of Helper T cells by B2 Adrenergic Receptor Ligands in a PKA Dependent Manner", Concordia University
- 2020 Faiza Kalam, "Alternate Day Fasting Combined with A Low Carbohydrate Diet for Weight Loss and Weight Maintenance", University of Chicago
- 2018 Luzia Jaeger Hintze, "Study of compensatory mechanisms of energy balance during and after weight loss", University of Ottawa
- 2016 Mohammed Mansour, "Studies of the enzymes that convert steroid hormones in the human adipose tissue", Laval University
- 2012 Joanna Pohl, "Effects of obesity on the acute inflammatory response", McGill University
- 2012 Sunday Azagba, "Three essays in empirical health economics", Concordia University
- 2012 Stephanie Tobin, "Neuronal mechanisms mediating acute food deprivation-induced reinstatement of heroin seeking", Concordia University

Professional Memberships

- 2018- present Royal Society of Medicine, Overseas Member
- 2015- present Canadian Vascular Network, Early Career Researcher
- 2015- present American Society for Nutrition, Member
- 2015- present Montreal Diabetes Research Centre, Member
- 2014- present Réseau de Recherche en Santé Cardiométabolique, Diabète, et Obésité, Member
- 2014- present Société Québécoise de Lipidologie, de Nutrition, et de Métabolisme, Member
- 2014- present The Obesity Society, Fellow (FTOS)
- 2014- present Canadian Nutrition Society, Member
- 2011- present La Société des Sciences Vasculaires du Québec, Member
- 2008- present College of Dietitians of Ontario, Member
- 2006- present Canadian Obesity Network, Member