



## CURRICULUM VITAÉ

JIAN LIU, B. Med., M.Sc., Ph.D.

Department of Health Sciences  
Faculty of Applied Health Sciences  
Brock University, Academic South, 309  
1812 Sir Isaac Brock Way, St. Catharines  
Ontario L2S 3A1, CANADA  
Telephone: (905) -6885550 (x. 5106)  
Electronic Mail: [jliu@brocku.ca](mailto:jliu@brocku.ca)

**A. FORMAL EDUCATION**

Ph.D.	University at Buffalo, Community Health & Epidemiology	1997-2002
M.Sc.	Central South University, Biostatistics	1985-1988
B. Med.	Central South University, Preventive Medicine	1977-1982

**B. ACADEMIC DISTINCTIONS AND AWARDS**

2007	CIHR INMD: New Investigator Travel Award
2006	The 2 <sup>nd</sup> North America Congress of Epidemiology: International Scholar Award
2000	Centers for Disease Control and Prevention: Student & Post Doctoral Fellow Travel Award
1998-2001	University at Buffalo: State Graduate Scholarship
1997-1998	University at Buffalo: Graduate Research Scholarship

**C. ACADEMIC POSITIONS HELD**

2016 –	Professor, Department of Health Sciences, Brock University
2009 – 16	Associate Professor, Department of Health Sciences, Brock University
2004 – 09	Assistant Professor, Department of Health Sciences, Brock University
(2001 – 04	Biostatistician, Provincial Epidemiology Service, Department of Health & Wellness, New Brunswick)
1997 – 2001	Research Fellow and Teaching Assistant, Department of Social & Preventive Medicine, University at Buffalo
1995 – 97	Visiting Scholar, Department of Social & Preventive Medicine, University at Buffalo
1993 – 95	Associate Professor, Department of Biostatistics, Central South University
1988 – 93	Senior Lecturer, Department of Biostatistics, Central South University
1982 – 88	Teaching Assistant, Department of Biostatistics, Central South University

**D. CREATIVE/SCHOLARLY ACTIVITIES OR CREATIVE WORK**

**1. Publications:**

**a) Books, Case Studies, Monographs and Contributions to Edited Books:**

- 1) Biostatistics - Custom Edition for Brock University (2015): Chapter 1 The Basics of Biostatistics; Chapter 2 Data Description I - Graphs and Tables; Chapter 3 Data Description II - Central Tendency and Variability; Chapter 4 Probability and its related. *Pearson Publisher Canada (ISBN: 0321194365)*
- 2) RONALD R. WATSON (2013), Handbook of vitamin D in Human Health: Prevention, Treatment and Toxicity (LIU J. Chapter 27: Vitamin D and diabetes mellitus: where are we?) *Wageningen Academic Publishers (ISBN: 978-098686-765-3)*
- 3) SUN, Z., TIAN, F., **LIU, J.**, CHEN, K., YANG, R. & WANG, G. (1994). Statistical Evaluation and Analysis in Clinical Medical Science (Chinese), *Chinese Scientific & Technology Publishing House, Beijing*
- 4) **LIU, J.**, LIU, S. & SUN, Z. (1993). Introduction of Research Design and Data Analysis (Chinese), *Hunan Medical University, Changsha*

**b) Papers in Peer-refereed Journals:**

- 1) LENG, J., HAY, J., LIU, G., ZHANG, J., WANG, J., LIU, H., YANG, X., **LIU, J.** (2016) Small-for-gestational age and its association with maternal blood glucose, body mass index and stature: a perinatal cohort study among Chinese women. *BMJ Open* ;6:e010984. doi:10.1136/bmjopen-2015010984 (principal authors: Liu, J & Leng; my role: study design, data analysis, results interpretation, and wrote the first draft of manuscript)

- 2) NARUSHIMA, M., **LIU, J.**, & DIESTELKAMP, N. (2016). Lifelong learning in active ageing discourse: its conserving effect on wellbeing, health and vulnerability. *Age & Society* DOI: 10.1017/S0144686X16001136 (principal author: Narushima; my role: data analysis guidance, results interpretation, and critical revised manuscript)
- 3) **LIU, J.** and MACINTYLE, J. (2016). Anti-depression medication taking and risk of metabolic syndrome among US citizens aged 60+ years: an across-sectional analysis of the NHANES 2007-2008. *Journal of Behavior Therapy and Mental Health* 1(1):25- 34 (Principal author: Liu; my role: conceptual design, data analysis and results interpretation, and drafting the 1<sup>st</sup> version).
- 4) PRYZBEK, M and **LIU, J.** (2016). The association between upper leg length and metabolic syndrome among US elderly participants—results from the NHANES (2009–2010). *Journal of Geriatric Cardiology* 13(1):58-63 (Principal authors: Pryzbek and Liu; my role: conceptual design, data analysis guidance, results interpretation, and revising introduction and discussion)
- 5) CHIRICO, D., **LIU, J.**, KLENTROU, P., SHOEMAKER, J. K., & O'LEARY, D. D. (2015). The effects of sex and pubertal maturation on cardiovagal baroreflex sensitivity. *The Journal of Pediatrics* 167(5):1067-73 (Principal authors: Chirico & O'Leary; my role: data analysis guidance, results interpretation, and critically reviewed manuscript)
- 6) ALEXANDER, R., HAY, J.A., **LIU, J.**, FAUGHT, B.E., ENGEMANN, J., CAIRNEY, J. (2015). The influence of aerobic fitness on the relationship between academic performance and motor proficiency. *Universal J Public Health* 3(4): 145 -152 (Principal author: Alexander; my role: conceptual design, data analysis guidance, results interpretation, and critical reviewed manuscript).
- 7) MARTIN, B., FAUGHT, B., **LIU, J.**, NARUSHIMA, M., CAIRNEY, J., AND HAY, J. (2015). Social competence as a role-player in the game between motor performance and organized sports participation among school-age children. *Sport Exerc Med Open J.* 2015; 1(3): 118-12. (Principal authors: Marin and Hay; my role: conceptual design, guidance for data analysis and results interpretation, and critical review).
- 8) LIU, G., **LIU, J.**, LI, N., TANG, Z., LAN, F., PAN, L., YANG, X., HU, G., & YU, Z. (2014). Association between Leg Length-to-Height Ratio and Metabolic Syndrome in Chinese Children Aged 3 to 6 Years. *Preventive Medicine Reports* 11(2):62-7. (Principal authors: Yu & Liu, J; my role: conceptual design, data analysis guidance, results interpretation, and critical revised manuscript)
- 9) 刘健, 冷俊宏, 唐宸, 刘功姝, Hay, J., 王晶, ... & 余野. (2014). 妊娠期糖尿病筛查 时所测得的母亲血糖水平, 体质指数与巨大儿出生的风险: 一项围产期队列研究的结果. *英国医学杂志: 中文版 (BMJ)*, (005), 300–305. (principal authors: Liu, J & Leng; my role: study design, data analysis, results interpretation, and wrote the first draft of manuscript)
- 10) **LIU, J.**, LENG, J., TANG, C., LIU, G., HAY, J., WANG, J., WEN, S., LI, Z., & SHE, Y. (2014). Maternal glucose level and body mass index measured at gestational diabetes mellitus screening and the risk of macrosomia: results from a perinatal cohort study *BMJ Open* 4:e004538 doi:10.1136 (principal authors: Liu, J & Leng; my role: study design, data analysis, results interpretation, and wrote the first draft of manuscript)
- 11) HAJINA, S., LEBLANC, P., FAUGHT, B., CAIRNEY, J., HAY, J., MERCHANT, A., & **LIU, J.** (2014) Associations between family eating behaviours and body composition measures in peri-adolescents: Results from a community-based study of school-aged children. *Canadian Journal of Public Health* 105(1):e15-21 (principal authors: Hajna & Liu; my role: study design, data collection, data analysis guidance, results interpretation, and critical revised manuscript)
- 12) **LIU, J.**, YUEN, J., & KANG, S. (2014). Sleep duration, C-reactive protein and risk of incident coronary heart disease - results from the Framingham Offspring Study. *Nutr Metab Cardiovasc Dis* 24(6):600 -5 (principal author: Liu; my role: conceptual design, data analysis, results interpretation, and wrote the first draft of manuscript)
- 13) FAUGHT, B.E., RIVILIS, I., KLENTROU, P., CAIRNEY, J., HAY, J., & **LIU, J.** (2013). Submaximal oxygen cost during incremental exercise in children with developmental coordination disorder. *Research*

- in Developmental Disabilities* 34(12): 4439-46 (principal authors: Faught & Rivilis; my role: data analysis guidance, results interpretation, and critical reviewed manuscript)
- 14) <sup>a</sup>**LIU, J.**, HAY, J. & FAUGHT BE. (2013). The association of sleep disorder, obesity status and diabetes mellitus among us adults – the NHANES 2009-2010 survey results. *International Journal of Endocrinology* 2013:234129. doi: 10.1155/2013/234129 (principal author: Liu; my role: conceptual design, data analysis, results interpretation, and wrote the first draft of manuscript)
  - 15) LENG, J., LIU, G., WANG, J., LI, W., LIU, H., SHE, Y., & **LIU, J.** (2013). The association between glucose challenge test level and foetal nutritional status. *The Journal of Maternal-Fetal & Neonatal Medicine* 27(5):479-83 (principle authors: Leng & Liu, J; my role: study design, data analysis, results interpretation, and wrote the first draft of manuscript)
  - 16) **LIU, J.** (2013). The impact of diabetes mellitus on pneumonia mortality in a senior population: results from the NHANES III follow-up study. *Journal of Geriatric Cardiology* 10(3):267-71
  - 17) BOGAERT, AF & **LIU, J.** (2013). Physical Size and Sexual Orientation: Analysis of the Chinese Health and Family Life Survey. *Archives of Sexual Behavior* 42(8):1555-9 (Principal author: Bogaert; my role: data analysis, results interpretation, and critical reviewed manuscript)
  - 18) **LIU, J.** (2013). Vitamin D and diabetes mellitus: what do we know? *J Hypo & Hyperglycemia* 1:1 – 8.
  - 19) NARUSHIMA, M., **LIU, J.**, & DIESTELKAMP, N. (2013). Association between the Lifelong Learning and Psychological Well-Being among Older Adults: Implications for Interdisciplinary Health Promotion in an Aging Society. *Activity, Adaptation & Aging* 37 (3): 239-50 (principal author: Narushima; my role: data analysis guidance, results interpretation, and critical revised manuscript)
  - 20) NARUSHIMA, M., **LIU, J.**, & DIESTELKAMP, N. (2013). Motivations and perceived benefits of older learners in a public continuing education program: Influence of gender, income, and health. *Educational Gerontology* 39: 569–84. (principal author: Narushima; my role: data analysis guidance, results interpretation, and critical revised manuscript)
  - 21) HAJINA, S., **LIU, J.**, LEBLANC, P.J., FAUGHT, B.E., MERCHANT, A.T., CAIRNEY, J., & HAY, J. (2012). Association between body composition and conformity to the recommendations of the Canada's Food Guide and the DASH diet in peri-adolescence. *Public Health Nutrition* 15(10):1890 – 6 (principal authors: Hajna & Liu; my role: study design, data collection, data analysis guidance, results interpretation, and critical revised manuscript)
  - 22) **LIU, J.**, HAY, J., FAUGHT, B.E., WADE, T., CAIRNEY, J., MERCHANT, A.T., & TREVISAN, M. (2012). Family eating and activity habits, diet quality and preadolescent overweight and obesity. *Public Health* 126(6):532 – 4 (principal author: Liu; my role: study design, data collection, data analysis, results interpretation, and wrote the first draft of manuscript)
  - 23) **LIU, J.**, AKSEER, N., FAUGHT, B.E., CAIRNEY, J., & HAY, J. (2012). Using leg-length to height ratio to assess the risk of childhood overweight and obesity: results from a longitudinal cohort study. *Annals of Epidemiology* 22(2):120-5 (principal author: Liu; my role: study design, data analysis guidance, results interpretation, and wrote the first draft of manuscript)
  - 24) RIVILIS, I., **LIU, J.**, CAIRNEY, J., HAY, J., KLENTROU, P., & FAUGHT, B.E. (2012). A prospective cohort study comparing workload in children with and without developmental coordination disorder. *Research in Developmental Disabilities*. 33(2): 442–8. (principal authors: Rivilis & Faught; my role: data analysis guidance, results interpretation, and critical reviewed manuscript)
  - 25) NARUSHIMA, M., **LIU, J.**, & DIESTELKAMP, N. (2011). A portrait of older learners in a public continuing education. *Journal of Studies on Canadian Education*, 8: 53-61. (principal author: Narushima; my role: data analysis guidance, results interpretation, and critical revised manuscript)
  - 26) RIVILIS, I., HAY, J., CAIRNEY, J., KLENTROU N, P., **LIU, J.**, & FAUGHT, B.E. (2011). Physical Activity and Fitness in Children with Developmental Coordination Disorder: A Systematic Review. *Research in Developmental Disabilities* 32(3):894 – 910 (principal authors: Rivilis & Faught; my role: conceptual design and critical reviewed manuscript)

- 27) **LIU, J.**, HAY, J., JOSHI, D., FAUGHT, E.B., WADE, T., & CAIRNEY, J. (2011). Sleep difficulties and obesity among preadolescents. *Canadian Journal of Public Health* 102(2):139 – 43 (principal author: Liu; my role: study design, data collection, data analysis, results interpretation, and wrote the first draft of manuscript)
- 28) **LIU, J.**, TAN, T., & JEYNES, B. (2011). Serum 25(OH) vitamin-D level, femur-length, and risk of type 2 diabetes among adults. *Appl Physiol Nutr Metab* 36(2): 264-70 (principal author: Liu; my role: conceptual design, data analysis, results interpretation, and wrote the first draft of manuscript)
- 29) de OLIVEIRA FERREIRA, EL., YATES, E., JOURLIN, M., **LIU, J.**, REGINA, M.C., DOMINGUES, P., GOLDNER, M. (2010). Anaerobe/aerobe environmental flux determines protein expression profiles of *Bacteroides fragilis*, a redox pathogen. *Anaerobe* 17(1):4-14 (principal authors: de Oliveira & Goldner; my role: data analysis and results interpretation)
- 30) LI, X., LIAO, B., **LIU, J.**, TAN, H., HUANG, W., ABUAKU, B., LIU, W., HUANG, X., & WEN, S. (2010). Prevalence and risk factors for childhood obesity in Changsha and Shenzhen in China. *J Cent South University (Med Sci)* 35(1): 11 - 6 (principal author: Li; my role: data analysis guidance and critical reviewed manuscript)
- 31) **LIU, J.**, TAN, H., & JEYNES, B. (2009). Is femur length the key height component in risk prediction of type 2 diabetes among adults? *Diabetes Care* 32(4):739-40 (principal author: Liu; my role: conceptual design, data analysis, results interpretation, and wrote the first draft of manuscript)
- 32) **LIU, J.**, JOSHI, D., & SEMPOS, C. (2009). Non-high-density-lipoprotein cholesterol and cardiovascular risk factors among adolescents with and without impaired fasting glucose. *Appl Physiol Nutr Metab* 34(2):136-42 (principal author: Liu; my role: conceptual design, data analysis, results interpretation, and wrote the first draft of manuscript)
- 33) **LIU, J.**, WADE, T., FAUGHT, B.E., & HAY, J. (2008). Physical inactivity in Canada: results from the Canadian Community Health Survey Cycle 2.2 (2004-2005). *Public Health* 122(12):1384-6 (principal author: Liu; my role: conceptual design, data analysis, results interpretation, and wrote the first draft of manuscript)
- 34) **LIU, J.** & SEMPOS, C. (2007). Fetal Nutritional Status and Cardiovascular Risk Profile among Children. *Public Health Nutr.* 10 (10):1067-75 (principal author: Liu; my role: conceptual design, data analysis, results interpretation, and wrote the first draft of manuscript)
- 35) HAYES, R.C., LEONFELLNER, S., PILGRIM, W., **LIU, J.**, & KEELING, D.N. (2007). Incidence of Non-melanoma Skin Cancer in New Brunswick, Canada, 1992 to 2001. *J Cutaneous Med & Surgery* 11(2):45-52 (principal author: Hayes; my role: data analysis guidance and critical reviewed manuscript)
- 36) **LIU, J.**, WADE, T., & TAN, H. (2007). Cardiovascular Risk Factors and Anthropometric Measurements of Adolescent Body Composition: A Cross-Sectional Analysis of the NHANES III. *International J. of Obesity* 31(1): 59-64 (principal author: Liu; my role: conceptual design, data analysis, results interpretation, and wrote the first draft of manuscript)
- 37) LIU, A., TAN, H., ZHOU, J., LI, S., YANG, T., WANG, J., **LIU, J.**, TANG, X., SUN, Z., & WEN SW. (2006). An Epidemiologic Study of Posttraumatic Stress Disorder in Flood Victims in Hunan China. *Can J Psychiatry* 51(6): 350-4 (principal author: Liu, A; my role: data analysis guidance and critical reviewed manuscript)
- 38) **LIU, J.**, SEMPOS, C., DONAHUE, R.P., DORN, J., TREVISAN, M., & GRUNDY, S.M. (2006). Non-High-Density-Lipoprotein and Very-Low-Density-Lipoprotein Cholesterol and their Risk Predictive Values in Coronary Heart Disease. *Am J. Cardio* 98(10): 1363-8 (principal author: Liu; my role: conceptual design, data analysis, results interpretation, and wrote the first draft of manuscript)
- 39) BOGAERT, A.F., & **LIU, J.** (2006). Birth order and sexual orientation in men: evidence for two independent interactions. *J. Bioso. Sci.* 38(6):811-9 (Principal author: Bogaert; my role: data analysis, results interpretation, and critical reviewed manuscript)
- 40) **LIU, J.**, SEMPOS, C., DONAHUE, R.P., DORN, J., TREVISAN, M., & GRUNDY, S.M. (2005). The Joint Distribution of Non-HDL and LDL Cholesterol and Coronary Heart Disease Risk Prediction

- among Individuals with and without Diabetes. *Diabetes Care* 28(8): 1916-21 (principal author: Liu; my role: conceptual design, data analysis, results interpretation, and wrote the first draft of manuscript)
- 41) TREVISAN, M., LIU, J., MUTI, P., MISCIAGNA, G., MENOTTI, A., & FUCCI, F. (2001). Risk Factors and Life Expectancy Research Group. Markers of insulin resistance and colorectal cancer mortality. *Cancer Epidemiol Biomarkers Prev* 10(9):937-41 (principal author: Trevisan; my role: conceptual design, data analysis, results interpretation, and critical reviewed manuscript)
  - 42) TREVISAN, M., LIU, J., BAHASAS, F., & MENOTTI, A. (1998). Syndrome X and Mortality: A Population-based Study. *Am J Epidemiol* 148(10):958-66 (principal author: Trevisan; my role: conceptual design, data analysis, results interpretation, and critical reviewed manuscript)
  - 43) LIU, J., TREVISAN, M., & MENOTTI, A. (1997). Syndrome X: prevalence in a large population-based study. *Nutr, Metab Cardiovasc Dis* 7(1): 70-5 (principal author: Liu; my role: conceptual design, data analysis, results interpretation, and wrote the first draft of manuscript)
  - 44) LIU, J. (1994). The application of a “gray” model in evaluation of the development of children (Chinese). *J. of Chinese Modern Medical Science. supp*:319-21
  - 45) YI, P., CHANG, N., & LIU, J. (1993). Comparison in AIDS-KAP among 2,158 university and high school students in Changsha City. *Bulletin of Hunan Medical University. 18 (supp)*:453-5 (principal author: Yi; my role: data analysis, results interpretation, and critical revised manuscript)
  - 46) LIU, J., HUANG, Z. & SUN, Z. (1993). The application of the ARMA model in the evaluation of seasonal influence on the birth rate (Chinese). *J. of Chinese Health Statistics* 16(4):341-3 (principal author: Liu; may role conceptual design, data analysis, results interpretation, and wrote the first draft of manuscript)
  - 47) LIU, J., LO, J., LIU, S. & DENG, K. (1993). The influence of spouse’s behavioral type on patients with hypertension (Chinese). *J. of Hunan Medicine* 21(6): 33-5 (principal author: Liu, J; my role: study design, data collection, data analysis, results interpretation, and wrote the first draft of manuscript)
  - 48) LIU, J. (1990). The application of time series analysis in modifying the regression forecasting model (Chinese). *J. Medical Mathematics. 3(2)*: 18-24

<sup>a</sup> Awarded for Brock University Open Access Publisher Fund

### **c) Judgements of Scholars through Letters of Reference, Particularly of Senior Scholars in the Same and Cognate Disciplines:**

N/A

### **d) Papers Delivered at Professional Meetings:**

- 1) LIU, J., Tang, Z., (2017). Are Dental Caries and Trachoma Associated with Weight Status among Chinese Children? *5th Canadian Obesity Summit* (Banff Springs AB) (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript and presented in the meeting)
- 2) Przepiorkowski, J., Gibson, D., Stearne, K., Dobbin, S.W., and Liu, J. (2017). Non-HDL Cholesterol and Over-weight/Obesity Status in School Children. *Society of Epidemiologic Research 50th Annual Meeting* (Seattle, Washington) (principal author: Przepiorkowski; my role: study design, guidance on data analysis, results interpretation, review draft of manuscript)
- 3) LIU, J., LENG, J., ZHANG, J., LIU, G., HAY, J., WANG, J., LIU, H., & YANG, X. (2015). Low 50g glucose challenge test result and its risk association with the delivery of a small-for-gestational age neonate. *Society of Epidemiologic Research 48<sup>th</sup> Annual Meeting* (Denver, Colorado) (principal author: Liu, J & Leng; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript and presented in the meeting)

- 4) ZHANG, J., LENG, J. & **LIU, J.** (2015). The association between maternity insurance, residence status and selected perinatal outcomes among Chinese women. *Society of Epidemiologic Research 48<sup>th</sup> Annual Meeting* (Denver, Colorado) (principle author: Zhang; my role: study design, data analysis guidance, critical revised manuscript)
- 5) PRYZBEK, M. & **LIU, J.** (2014). The association between upper leg length-to-height ratio and metabolic syndrome among middle-aged USA adults – results from the NHANES 2009-2010. *Society of Epidemiologic Research 47<sup>th</sup> Annual Meeting* (Seattle, Washington) (principal author: Pryzbek; my role: study design, data analysis guidance, and critical revised manuscript)
- 6) AGGARWAL, H. & **LIU, J.** (2014). The association of education and obesity status as determinants of pulse pressure in diabetic and non-diabetic us populations- results from 2009-2010 NHANES survey. *Society of Epidemiologic Research 47<sup>th</sup> Annual Meeting* (Seattle, Washington) (principal author: Aggarwal; my role: study design, data analysis guidance, and critical revised manuscript)
- 7) WIJESENA, D., **LIU, J.**, WADE, T., & O'LEARY, D. (2014). The association between leg length to height ratio and blood pressure trends in peri-adolescents. *Canadian Society for Epidemiology & Biostatistics National Student Conference* (Hamilton, ON) (principal author: Wijesena; my role: study design, data analysis guidance, and critical revised manuscript)
- 8) CHIRICO, D., KLENTROU, P., **LIU, J.** & O'LEARY, D. (2014). Assessing the impact of pubertal maturity and sex on cardiovagal baroreflex sensitivity in children and adolescents. *Experimental Biology* (San Diego, CA) (principal author: Chirico; my role: study design, data analysis guidance, and critical revised manuscript)
- 9) FAUGHT, B., MARTIN, B., HAY, J., **LIU, J.**, & NARUSHIMA, M. (2013). The Role of Social Competence in the Relationship between Free Play and motor performance in preadolescent children. *The 10th International Conference on Developmental Coordination Disorder* (Ouro Preto, MG Brazil) (principal author: Faught; my role: conceptual design, data analysis guidance, and critical revised manuscript)
- 10) NARUSHIMA, M., **LIU, J.**, & DIESTELKAMP, N. (2013). Learning for life and active aging: Public continuing education programs in an age-friendly city. *World Health Organization 2<sup>nd</sup> International Conference on Age-Friendly Cities: Living and Aging Together in Our Community*. (Quebec City, PQ) 2013. (principal author: Narushima; my role: study design, data analysis guidance, results interpretation, and critical revised manuscript)
- 11) NARUSHIMA, M., **LIU, J.**, & DIESTELKAMP, N. (2013). Conservation effects of later life learning: An exploration of the association between educational participation and positive wellbeing among older adults. *Annual Conference of Canadian Association for the Study of Adult Education (CASAE)*. (Victoria, BC). (principal author: Narushima; my role: study design, data analysis guidance, results interpretation, and critical revised manuscript)
- 12) NARUSHIMA, M., **LIU, J.**, & DIESTELKAMP, N. (2013). Support within and across generations: The crucial role of continuing education programs in communities. *The 32<sup>nd</sup> Ontario Gerontology Association Annual Conference*. (Toronto, ON). (principal author: Narushima; my role: study design, data analysis guidance, results interpretation, and critical revised manuscript)
- 13) **LIU, J.**, HAY, J., & FAUGHT, B. (2013). The association of sleep disorder, obesity status and diabetes mellitus among us adults – the NHANES 2009-2010 survey results. *The 3rd Canadian Obesity Summit*, (Vancouver, BC). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript, and presented at meeting)
- 14) **LIU, J.**, LENG, J., WANG, J., & LI, W. (2013). Is foetal nutritional status index associated with glucose challenge test level? *Canadian Society of Epidemiology and Biostatistics Biennial Conference* (St. John's, Newfoundland). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript, and presented at meeting)
- 15) **LIU, J.**, YUEN, W., & KONG, S. (2013). Sleep duration and risk of incidence of coronary heart disease (CHD) in Framingham Offspring Study. *Canadian Society of Epidemiology and Biostatistics Biennial*



- Conference* (St. John's, Newfoundland). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript, and presented at meeting)
- 16) **LIU, J. & MACINTYRE, J.** (2013). Anti-depression medication taking and risk of metabolic syndrome among US citizens aged 60+ years: an across-sectional analysis of the NHANES 2007-2008. *Canadian Society of Epidemiology and Biostatistics Biennial Conference* (St. John's, Newfoundland). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript, and presented at meeting)
  - 17) **LIU, J.** (2012). The Impact of Diabetes on Death due to Pneumonia among US Seniors – Results from the NHANES III Follow-up Study. *the 1<sup>st</sup> Annual World Congress of Diabetes* (Beijing, China)
  - 18) **LIU, J.** (2012). Serum levels of insulin-like growth factor I, leptin, and 25-hydroxyvitamin D with the risk of cardiovascular disease among older adults. *the 3<sup>rd</sup> international congress on abdominal obesity* (Québec City, QC)
  - 19) **MARTIN, B, & LIU, J.** (2012). Factors associated with physical activity in 12-17 year olds. *Society of Epidemiologic Research 45<sup>th</sup> Annual Meeting* (Minneapolis, Minnesota). (principal author: Martin; my role: data analysis guidance, results interpretation, and critical revised manuscript)
  - 20) **NARUSHIMA, M., LIU, J. & DIESTELKAMP, N.** (2011). Lifelong learning for Active Aging: A Case Study of Public Continuing Education Program for Older Adults. *the 1<sup>st</sup> International Conference of Aging and Society* (Berkley, CA). (principal author: Narushima; my role: study design, data analysis guidance, results interpretation, and critical revised manuscript)
  - 21) **NARUSHIMA, M., LIU, J. & DIESTELKAMP, N.** (2011). “Lifelong Learning as a Social Determinant of Health: The Role of Public Continuing Education for Active Aging”. *the 40<sup>th</sup> Canadian Association on Gerontology Conference & the IAGG Pan American Congress* (Ottawa, ON). (principal author: Narishima; my role: study design, data analysis guidance, results interpretation, and critical revised manuscript)
  - 22) **NARUSHIMA, M., LIU, J. & DIESTELKAMP, N.** (2011). “Lifelong learning for Well-Being?: Portrait of Older Learners in a Public Continuing Education Program in Toronto”. *Ontario Gerontology Association 30<sup>th</sup> Annual Conference* (Toronto, ON). (principal author: Narushima; my role: study design, data analysis guidance, results interpretation, and critical revised manuscript)
  - 23) **NARUSHIMA, M., LIU, J., & DIESTELKAMP, N.** (2011). Portrait of older learners in a public continuing education program in Toronto: trends and relational patterns in socio-demographic status, well-being, and participation. *The Joint Conference of American Ault Education Research Conference (AERC) and Canadian Association for Adult Education* (Toronto, ON). (principal author: Narushima; my role: study design, data analysis guidance, results interpretation, and critical revised manuscript)
  - 24) **RIVILIS, I., KLENTROU, P., CAIRNEY, J., HAY, J., LIU, J., & FAUGHT, B.E.** (2011). Oxygen cost during incremental exercise in children with DCD and controls. *Developmental coordination disorder international conference, DCD - IX*, (Lausanne, Switzerland). (principal author: Rivilis; my role: study design, data analysis guidance, results interpretation, and critical revised manuscript)
  - 25) **LIU, J., HAY, J., FAUGHT, B.E. & CAIRNEY, J.** (2011). Maternal smoking, breastfeeding and their impact on growth of body mass among children in a longitudinal cohort. *The 3<sup>rd</sup> North American Congress of Epidemiology* (Montreal, QC). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript, and presented at meeting)
  - 26) **LIU, J., AKSEER, N., FAUGHT, B.E., HAY, J. & CAIRNEY, J.** (2011). The ratio of Leg-length over standing height as a predictor of childhood obesity: results from a longitudinal cohort study. *1<sup>st</sup> Asia Pacific Congress on Controversies to Consensus in Diabetes, obesity and Hypertension (CODHy)*, (Shanghai, China). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript, and presented at meeting)
  - 27) **LIU, J.** (2010). Early life experience and risk of cardiovascular disease. *At Ottawa University Workshop of preconception cohort in China, Ottawa June 2010*



- 28) **LIU, J.**, HAY, J., FAUGHT, B.E., WADE, T., CAIRNEY, J., MERCHANT, A.T.& TREVISAN, M. (2010). Family eating and activity habits, diet quality and preadolescent overweight. *The European Group for Pediatric Work Physiology and the North American Society for Pediatric Exercise Medicine* (Niagara-on-Lake, ON). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript, and presented at meeting)
- 29) **LIU, J.**, JOSHI, D., HAY, J., FAUGHT, B., & CAIRNEY, J. (2010). Sleep difficulties and preadolescent obesity. *Society for Adolescent Medicine Annual Meeting* (Toronto, ON). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript, and presented at meeting)
- 30) WADE, T.J., CAIRNEY, J., O'LEARY, D., ALLAN, E., MILLAR, P., ZINGA, D., SHOEMAKER, K., ROY, B., **LIU, J.**, LEBLANC, P., KLENTROU, P., HOOD, C., & HAY, J. (2009). Social Determinants of High Blood Pressure in Children. *Pediatric Academic Societies Annual Meeting* (Baltimore, Maryland). (principal author: Wade; my role: conceptual design, data analysis guidance, and critical reviewed manuscript)
- 31) WADE, T.J., CAIRNEY, J., O'LEARY, D., **LIU, J.**, & LEBLANC, P. (2009). Second Hand Smoking and Child Blood Pressure. *Pediatric Academic Societies Annual Meeting* (Baltimore, Maryland). (principal author: Wade; my role: conceptual design, data analysis guidance, and critical reviewed manuscript)
- 32) **LIU, J.**, WADE, T., HAY, J., FAUGHT, B., CAIRNEY, J., MERCHANT, A.T., & TREVISAN, M. (2009). Eating dinner with parents and child obesity. *Joint conference of Canadian Society for Epidemiology and Biostatistics & Association of Public Health Epidemiologists in Ontario* (Ottawa, ON). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript, and presented at meeting)
- 33) AKSEER, N., & **LIU, J.** (2009). Utilization of Leg Length Index in predicting Childhood Obesity. *Joint conference of Canadian Society for Epidemiology and Biostatistics & Association of Public Health Epidemiologists in Ontario* (Ottawa, ON). (principal author: Akseer; my role: conceptual design, data analysis guidance, and critical revised manuscript)
- 34) HAJNA, S., **LIU, J.**, & LEBLANC, P.J. (2009). Gender-specific differences in daily nutrient intakes among underweight, normal weight and overweight preadolescent children. *Joint conference of Canadian Society for Epidemiology and Biostatistics & Association of Public Health Epidemiologists in Ontario* (Ottawa, ON). (principal author: Hajna; my role: conceptual design, data analysis guidance, and critical revised manuscript)
- 35) **LIU, J.**, TAN, H., & JEYNES, B. (2009). Femur length, serum vitamin D and risk of type 2 diabetes among adults. *3<sup>rd</sup> International Congress on Prediabetes and the metabolic syndrome* (Nice, France). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript, and presented at the meeting)
- 36) **LIU, J.** (2009). The Length of Femur Bone may be a Key Component of Height in Determining Pre-diabetic Status in Adults. *Nutrition, Physical Activity and Metabolism Conference and 49<sup>th</sup> Cardiovascular Disease Epidemiology and Prevention Conference* (Palm Harbor, Florida)
- 37) BANH, L., **LIU, J.**, O'LEARY, D., CAIRNEY, J., & WADE, T. (2009). Poor Sleep Quality May Put Children at Risk for Obesity. *Nutrition, Physical Activity and Metabolism Conference and 49<sup>th</sup> Cardiovascular Disease Epidemiology and Prevention Conference* (Palm Harbor, Florida). (principal author: Banh; my role: conceptual design, data analysis guidance, and critical revised manuscript)
- 38) JOSHI, D. & **LIU, J.** (2009). Non-HDL, Waist Circumference vs. Triglyceride, Waist Circumference in Detecting High Cardiovascular Disease Risk. *Nutrition, Physical Activity and Metabolism Conference and 49<sup>th</sup> Cardiovascular Disease Epidemiology and Prevention Conference* (Palm Harbor, Florida). (principal author: Joshi; my role: conceptual design, data analysis guidance, and critical revised manuscript)

- 39) AKSEER, N., LIU, J. & FAUGHT, B. (2008). Physical fitness, blood pressure and obesity status among firefighter candidates. *Canadian Society for Exercise Physiology annual conference* (Banff, Alberta). (principal author: Akseer; my role: conceptual design, data analysis guidance, and critical revised manuscript)
- 40) AKSEER, N., CAIRNEY, J., HAY, J., LIU, J., & FAUGHT, B.E. (2008). Screening accuracy in body composition methods for childhood obesity in a known overweight population. *Canadian Society for Exercise Physiology annual conference* (Banff, Alberta). (principal author: Akseer; my role: conceptual design, data analysis guidance, and critical revised manuscript)
- 41) MACINNES, J., LIU, J., FAUGHT, B., CAIRNEY, J., & HAY, J. (2008). The influence of physical activity behaviour on the relationship between motor proficiency and body composition in children. *Biennial conference of the North American Society for Pediatric Exercise Medicine* (Colorado Springs, CO). (principal author: Macinnes; my role: conceptual design, data analysis guidance, and critical revised manuscript)
- 42) LIU, J., BAKER, A., & TAN, H. (2008). Upper leg length and the risk of type 2 diabetes and cardiovascular risk profile: a cross-sectional analysis of the National Health and Nutrition Examination Survey (NHANES) 1999 – 2004, USA. *International Academy of Cardiology 14th World Congress on Heart Disease Annual Scientific Sessions* (Toronto, ON). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript, and presented at the meeting)
- 43) JOSHI, D. & LIU J. (2008). Using non-HDL and waist versus using triglycerides and waist in detecting high cardiovascular risk individuals. *International Academy of Cardiology 14th World Congress on Heart Disease Annual Scientific Sessions* (Toronto, ON). (principal author: Joshi; my role: conceptual design, data analysis guidance, and critical revised manuscript)
- 44) STEGNE, M. & LIU, J. (2008). Short stature and the risk of type II diabetes: A cross-sectional analysis of the Canadian Community Health Survey cycle 2.2. *Society of Epidemiologic Research 41<sup>st</sup> Annual Meeting* (Chicago, Illinois). (principal author: Stegne; my role: conceptual design, data analysis guidance, and critical revised manuscript)
- 45) LIU, J., JOSHI, D. & SEMPOS, C. (2008). Non-high-density-lipoprotein cholesterol and cardiovascular risk factors among adolescents with and without impaired fasting glucose. *Nutrition, Physical Activity and Metabolism Conference and 48<sup>th</sup> Cardiovascular Disease Epidemiology and Prevention Conference* (Colorado Springs, CO). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript, and presented at the meeting)
- 46) LIU, J. & TREVISAN, M. (2007). Is lipid profile among adolescents with and without impaired fasting glucose different by gender? *Society of Epidemiologic Research 40<sup>th</sup> Annual Meeting* (Boston, Massachusetts). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript and presented in the meeting)
- 47) NICKEL, K., LIU, J., & WADE, T. (2007). Smoking, Alcohol and Household Food Insecurity among Canadian Families with Children. *Canadian Public Health Association 2007 Annual Conference*, (Ottawa, ON). (principal author: Nickel; my role: conceptual design, data analysis guidance, and critical revised manuscript)
- 48) JOSHI, D. & LIU, J. (2007). Relationship between energy expenditure and prevalence of metabolic syndrome in adolescents and adults. *International Conference on Physical Activity and Obesity in Children* (Toronto, ON). (principal author: Joshi; my role: conceptual design, data analysis guidance, and critical revised manuscript)
- 49) LIU, J. & SEMPOS, C. (2007). Another way to evaluate the impact of maternal smoking on foetal nutrition status. *The 20<sup>th</sup> Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research (SPER)* (Boston, Massachusetts). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript and presented in the meeting)
- 50) LIU, J., WADE, T., FAUGHT, B., & HAY, J. (2007). Physical inactivity in Canada and its association with hypertension and diabetes. *Canadian Society for Epidemiology and Biostatistics Biennial*

- Conference* (Calgary, Alberta). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript and presented in the meeting)
- 51) JOSHI, D. & LIU, J. (2007). Impaired Fasting Glucose and Cardiovascular Risk Factors among Adolescents. *Canadian Society for Epidemiology and Biostatistics Biennial Conference* (Calgary, Alberta). (principal author: Joshi; my role: conceptual design, data analysis guidance, and critical revised manuscript)
  - 52) AKSEER, N. & LIU, J. (2007). Relation between PSA levels and Obesity among different Ethnicities. *Canadian Society for Epidemiology and Biostatistics Biennial Conference* (Calgary, Alberta). (principal author: Akseer; my role: conceptual design, data analysis guidance, and critical revised manuscript)
  - 53) ZIMMER, T. & LIU, J. (2007). Physical Activity, Body Mass Status, and Sleeping Hour among University Undergraduate Students. *Canadian Society for Epidemiology and Biostatistics Biennial Conference* (Calgary, Alberta). (principal author: Zimmer; my role: conceptual design, data analysis guidance, and critical revised manuscript)
  - 54) LIU, J. & POULIN, C. (2006). Depression, Drug use and Help-seeking among New Brunswick teens. *The 28th International School Psychology Colloquium* (Hangzhou, China). (principal author: Liu, J & Leng; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript and presented in the meeting)
  - 55) LIU, J SEMPOS, C., DONAHUE, R.P., DORN, J., TREVISAN, M., & GRUNDY, S.M. (2006). High-density-lipoprotein (nHDL) and its risk predictive value in coronary heart disease (CHD). *3<sup>rd</sup> Congress of Epidemiology* (Seattle, Washington). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript and presented in the meeting)
  - 56) BRENNER, D. & LIU, J. (2006). The effects of maternal smoking on fetal growth potential – applying the fetal nutritional status index. *3<sup>rd</sup> Congress of Epidemiology. A joint meeting of American College of Epidemiology, American Public Health Association (Epidemiology Section), Society for Epidemiologic Research.* (Seattle, Washington). (principal author: Brenner; my role: conceptual design, data analysis guidance, and critical revised manuscript)
  - 57) TRUSSELL, T. & LIU, J. (2006). Is metabolic syndrome associated with the increased risk for obesity and high cholesterol? *3<sup>rd</sup> Congress of Epidemiology. A joint meeting of American College of Epidemiology, American Public Health Association (Epidemiology Section), Society for Epidemiologic Research.* (Seattle, Washington). (principal author: Trussell; my role: conceptual design, data analysis guidance, and critical revised manuscript)
  - 58) LIU, J., WADE, T.J., TAN, H., & SEMPOS, C. (2005). Insulin resistance syndrome and anthropometric measurements of adolescent body composition: a cross-sectional analysis of the NHANES III. *A joint meeting of Society of Epidemiologic Research and Canadian Society of Epidemiology and Biostatistics.* (Toronto, ON). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript and presented in the meeting)
  - 59) LIU, J. & SEMPOS, C. (2005). The ratio weight over maternal height – a potential index of fetal nutritional status and its relationship with current BMI and cholesterol among children. *North American Association for the Study of Obesity (NAASO) Annual Scientific Meeting*, (Vancouver, BC). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript and presented in the meeting)
  - 60) LIU, J. & BALRAM, C. (2002). The impact of suicide deaths on life expectancy in New Brunswick. *The 13<sup>th</sup> National Conference on Canadian Association for suicide prevention*, (Fredericton, NB). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript and presented in the meeting)
  - 61) LIU, J., BUCK, G., WEINER, J. (2000). Birth weight, body mass index and children's lipids profile – results from NHANES III. *Society of Epidemiologic Research 33<sup>rd</sup> Annual Meeting* (Seattle, Washington). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript and presented in the meeting)

- 62) LIU, J., DONAHUE, R., DORN, J., & TREVISAN, M. (2000). Relationship Between the 1997 American Diabetic Association Criteria for Diabetes and Risk Factors of Cardiovascular Disease in a National Sample – Results from the Third National Health and Nutrition Examination Survey (NHANES III) . *The 40th Annual Conference on Cardiovascular Disease Epidemiology and Prevention*. (San Diego, CA). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript and presented in the meeting)
- 63) LIU, J., DONAHUE, R., DORN, J., & TREVISAN, M. (2000). Relation between the American Diabetes Association (ADA) criteria for diabetes and history of cardiovascular disease (CVD) in a national sample: results from the third National Health and Nutrition Examination Survey (NHANES III). *The first international Conference on Women, Heart Disease and Stroke*. (Victoria, BC). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript and presented in the meeting)
- 64) LIU, J., DOAN, J., MENOTTI, A., & TREVISAN, M. (1999). Leisure time physical activity and insulin resistance syndrome. *Society of Epidemiologic Research 32<sup>nd</sup> Annual Meeting* (Baltimore, Maryland). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript and presented in the meeting)
- 65) LIU, J., TREVISAN, M., & MENOTTI, A. (1998). Alcohol consumption and insulin resistance syndrome. *Society of Epidemiologic Research 31<sup>st</sup> Annual Meeting* (Chicago, Illinois). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript and presented in the meeting)
- 66) MUTI, P., LIU, J., TREVISAN, M., & MENOTTI, A. (1997). Insulin resistance as a risk factor for colon and breast cancer. *Society of Epidemiologic Research 30<sup>th</sup> Annual Meeting & Canadian Society of Epidemiology and Biostatistics Biennial Conference* (Edmonton, Alberta). (principal author: Muti; my role: conceptual design, data analysis, results interpretation)
- 67) LIU, J., TREVISAN, M., & MENOTTI, A. (1997). Syndrome X and mortality: relative importance of the individual components of the metabolic syndrome. *The 4<sup>th</sup> International Conference on Preventive Cardiology Jointly with the 37<sup>th</sup> Annual Meeting of the Council on Epidemiology and Prevention, American Heart Association*. (Montreal, Québec). (principal author: Liu; my role: study design, data analysis, results interpretation, wrote the first draft of manuscript and presented in the meeting)
- 68) TREVISAN, M., LIU, J., BAHAS, F., & MENOTTI, A. (1996). Syndrome X: Prevalence in a large cohort study and its relationship to mortality. *Society of Epidemiologic Research 29<sup>th</sup> Annual Meeting* (Boston, Massachusetts). (principal author: Trevisan; my role: conceptual design, data analysis, results interpretation)
- 69) YI, P., LIU, J., & YONG, L. (1995). Evaluation of the effect about AIDS health education among 1086 high school students in Changsha City. *The 3rd international conference on AIDS and the Pacific Areas*, (Chiang Mai, Thailand). (principal author: Yi; my role: conceptual design, data analysis, results interpretation)
- 70) LIU, J., YI, P. & SUN, Z. (1993). Analyses of child survival condition in rural areas of China. *PACPH board meeting and the symposium on impact of environmental changes on the health of mothers and children in the Asia and Pacific regions*, (Bangkok, Thailand). (principal author: Liu; my role: conceptual design, data analysis, results interpretation, and wrote the first draft of manuscript)

<sup>a</sup> New Investigator Travel Award from the CIHR

<sup>b</sup> International Scholar Award at the 3<sup>rd</sup> Congress of Epidemiology

<sup>c</sup> Student & Post-doctoral Fellow Travel Award at the First International Conference on Women, Heart Disease & Stroke

#### **e) Contributions to Panels, Workshops, and Clinics:**

- 1) Vitamin D and diabetes. *As an invited guest speaker at Jinshi City Hospital, Jinshi, China*. (June, 2012)

- 2) Nutrition status in early life and chronic diseases later in life. *As an invited guest speaker at the Jinshi CDCP, Jinshi, China (June, 2011)*
- 3) Early life experience and risk of cardiovascular disease. *As one of the invited keynote speakers in panel at the Workshop of Preconception Cohort in China, Ottawa, ON (June, 2010)*
- 4) Childhood obesity and its related factors. *As an invited guest speaker at the College of Preventive Medicine of Centre South University, Changsha, China (May, 2010)*
- 5) Cardiovascular disease, facts and prevention strategies. *As an invited guest speaker at the Jinshi CDCP, Jinshi, China (June, 2010)*
- 6) Some issues when analyzing interaction. *As one of the keynote speakers in panel at Golden Horseshoe SAS User Group annual conference, Hamilton, ON (Oct., 2009)*
- 7) Logistic regression and its use in health sciences research – An introduction. *As an invited guest speaker at the Statistic Seminar in Graduate Program of Statistics, McMaster University, Hamilton, ON (May, 2008)*
- 8) Cardiovascular risk factors and anthropometric measurements of adolescent's body composition. *Invited as one of the keynote speakers in the panel at The 3<sup>rd</sup> Annual Micronesian Medical Symposium. Guam, USA. (September, 2007)*
- 9) Early life experience and childhood obesity. *As an invited guest speaker at the College of Preventive Medicine of Central South University, Changsha, China (May, 2007)*
- 10) Childhood obesity and cardiovascular risk. *As an invited guest speaker at the College of Preventive Medicine of Central South University, Changsha, China (June, 2006)*
- 11) Non-HDL cholesterol and its predictive value in cardiovascular risk. *As an invited guest speaker at University of New Brunswick, St. John, NB (Feb., 2004)*
- 12) An introduction of using statistical program. *As one of the keynote speakers in panel at the epidemiology workshop, the Department of Health and Wellness, Fredericton, NB (August, 2003)*

## **f) Editorial and Refereeing Duties**

### **Editorial Board Member of Peer Reviewed Journals:**

- *Journal of Geriatric Cardiology* (ISSN: 1671-5411; 2010 – present)
- *Journal of Cardiology and Therapy* (ISSN: 2309-6861; 2013 – present)
- *Epidemiology Open Journal* (ISSN: 2473-4780; 2015 – present)

### **Journal Manuscripts Reviewer:**

- 1) *Nutrients* (2016 – present)
- 2) *International Journal of Environmental Research and Public Health* (2016 – present)
- 3) *Public Health Nutrition* (2016 – present)
- 4) *Pediatrics* (2015 – present)
- 5) *The New England Journal of Medicine* (2015 – present)
- 6) *Clinical Endocrinology* (2015 – present)
- 7) *Journal of Physical Therapy and Health Promotion* (2014 – present)
- 8) *PLOS ONE* (2014 – present)
- 9) *American Journal of Perinatology* (2014 – present)
- 10) *European Journal of Clinical Nutrition* (2014 – present)
- 11) *Arthrosclerosis* (2014 – present)
- 12) *Preventive Medicine* (2013 – present)
- 13) *British Journal Medicine and Medical Research* (2013 – present)
- 14) *Diabetes, Metabolic Syndrome and Obesity Targets and Therapy* (2013 – present)
- 15) *Tohoku J of Experimental Medicine* (2013 – present)
- 16) *Lipids in Health and Disease* (2013 – present)

- 17) *Journal of Cardiology and Therapy* (2013 – present)
- 18) *Applied Physiology, Nutrition, and Metabolism* (2012 – present)
- 19) *Journal of Epidemiology and Community Health* (2012 – present)
- 20) *Journal of Postgraduate Medicine* (2012 – present)
- 21) *Journal of Diabetes* (2012 – present)
- 22) *Diabetologia* (2011 – present)
- 23) *BMC Pediatrics* (2011 – present)
- 24) *BMC Public Health* (2011 – present)
- 25) *Clinical and Investigative Medicine* (2011 – present)
- 26) *Journal of Adolescent Health* (2010 – present)
- 27) *American Journal of the Medical Sciences* (2010 – present)
- 28) *Journal of Geriatric Cardiology* (2010 – present)
- 29) *Vascular Health and Risk Management* (2009 – present)
- 30) *Nutrition* (2009 – present)
- 31) *Nature Hazards* (2007 – present)
- 32) *American Journal of Public Health* (2007 – present)
- 33) *Nutrition, Metabolism & Cardiovascular Diseases* (2006 – present)
- 34) *Canadian Journal of Public Health* (2005 – present)

As an invited journal reviewer for 34 different peer-reviewed journals listed above, I have reviewed a more than 50 articles during the past 10 years

#### **Book Reviewer:**

- An invited book review by SAS Canada (2007) on “Categorical data analysis using SAS system” 2<sup>nd</sup> Edition

#### **g) Scholarly Contributions to Agencies, Communities, Governments, or Organizations and the Extent to Which the Faculty Member’s Professional Services are in Demand by Such Organizations Outside the University:**

##### **Research-based Reports:**

- 1) NARUSHIMA, M., LIU, J., & DIESTELKAMP, N. (2011). A Portrait of Senior Learners in TDSB Adult General Interest Program: The Results of a Lifelong Learning, Health, and Well-Being Survey. *Report for the Toronto District School Board*. (principal author: Narushima; my role: data analysis guidance, results interpretation, and reviewed manuscript)
- 2) LIU, J. (2009). Feasibility study of using the National Diabetes Surveillance System (NDSS) to examine impact of diabetes on cancer morbidity and mortality among Canadians. *Report for Public Health Agency of Canada*.
- 3) BALRAM, C., VILLALON, L., MCCAIE-BURKE, G., LIU, J. & KHEDHERI, A. (2005). New Brunswick Nutrition Survey. *Report for the Department of Health and Wellness, New Brunswick* (principal author: Balram; my role: data analysis guidance, results interpretation, and reviewed manuscript)
- 4) LIU, J., LEONFELLNER, S., PILGRAM, W., CASEY, W., & BALRAM, C. (2004). Cancer in New Brunswick: 1997-2001. *Report for the Department of Health and Wellness, New Brunswick* (principal author: Liu; my role: conceptual design, data analysis guidance, results interpretation, and wrote the first draft)
- 5) LIU, J., SKEAD, G., & JONES, B. (2003). Canadian Community Epidemiology Network on Drug Use – Fredericton Site 2002 Annual Report. *Report for the Department of Health and Wellness, New Brunswick* (principal author: Liu; my role: data analysis, results interpretation, and wrote the first draft)

- 6) **LIU, J., JONES, B., GROBE, C., & POULIN, C.** (2003). New Brunswick Student Drug Use Survey 2002 – Technical Report. *Report for the Department of Health and Wellness, New Brunswick* (principal author: Liu; my role: study design, data collection, data analysis, results interpretation, and wrote the first draft)
- 7) **LIU, J., JONES, B., GROBE, C., POULIN, C.** (2002). New Brunswick Student Drug Use Survey 2002 – Highlights Report. *Report for the Department of Health and Wellness, New Brunswick* (principal author: Liu; my role: study design, data collection, data analysis, results interpretation, and wrote the first draft)
- 8) **LIU, J., SKEAD, G., & JONES, B.** (2002). Canadian Community Epidemiology Network on Drug Use – Fredericton Site 2001 Annual Report. *Report for the Department of Health and Wellness, New Brunswick* (principal author: Liu; my role: data analysis, results interpretation, and wrote the first draft)

**h) Scholarship as Evidenced by the Candidate's Depth and Breadth of Knowledge and General Contribution to the Research Life of the University:**

- 1) Does having a trouble sleep trouble your heart? *Presented at Brock University FAHS PhD seminar series. St. Catharines* (Feb., 2014)
- 2) Anti-depression medication taking and risk of metabolic syndrome among US citizens aged 60+ years: an across-sectional analysis of the NHANES 2007-2008. *Presented at Brock University FAHS PhD seminar series. St. Catharines* (Jan., 2013)
- 3) Childhood obesity and the risk of cardiovascular disease. *As one of the keynote speakers at the CIHR Café Scientifiques in Brock University: Childhood obesity, St. Catharines, ON* (April, 2008).

**i) Other Publications Demonstrating a High Quality of Scholarship with Significant Public Impact:**

**Abstracts in Refereed Journals:**

- 1) HAY, J., MARTIN, B., FAUGHT, B.E., **LIU, J.**, CAIRNEY, J., & NARUSHIMA, M. (2013). The role of social competence in the relationship between sport involvement and motor performance in preadolescent children. *European College of Sport Sciences 18: 493.* (principal author: Hay; my role: conceptual design and data analysis guidance)
- 2) **LIU, J.** (2013). Sleep disorder, obesity status and risk of diabetes. *Can J Diabetes 37 (suppl2):105*
- 3) **LIU, J., HAY, J., FAUGHT, B.E., & CAIRNEY, J.** (2011). Maternal smoking (MS), breastfeeding (BF) and their impact on growth of body mass among children in a longitudinal cohort. *Am J Epidemiol 173(Suppl):1107* (principal author: Liu; my role: study design, data collection, data analysis, results interpretation, and wrote the first draft of manuscript)
- 4) AKSEER, N. & **LIU, J.** (2010). Using childhood leg length index to predict the adolescent overweight and obesity development. *Am J Epidemiol 171 (11) S10* (principal author: Akseer; my role: conceptual design, data analysis guidance, results interpretation, and critical revised manuscript)
- 5) **LIU, J., TAN, H., & WEN, S.** (2010). The association of weight status and dental caries in a cohort of Chinese children. *Am J Epidemiol 171 (11) S11*(principal author: Liu; my role: study design, data collection, data analysis, results interpretation, and wrote the first draft of manuscript)
- 6) **LIU, J., JOSHI, D., HAY, J., CAIRNEY, J., & FAUGHT, B.** (2010). Sleep difficulties and preadolescent obesity. *J Adolescent Health 46(2): S15*(principal author: Liu; my role: study design, data collection, data analysis, results interpretation, and wrote the first draft of manuscript)
- 7) **LIU, J., TAN, H., & JEYNES, B.** (2009). Femur length, serum vitamin D and risk of type 2 diabetes among adults. *Diabetes 1 (S1): A198* (principal author: Liu; my role: study design, data collection, data analysis, results interpretation, and wrote the first draft of manuscript)



- 8) **LIU, J.** (2009). The Length of Femur Bone may be a Key Component of Height in Determining Pre-diabetic Status in Adults. *Circulation* 119(10) P40
- 9) **BANH, L., LIU, J., O'LEARY, D., CAIRNEY, J., & WADE, T.** (2009). Poor Sleep Quality May Put Children at Risk for Obesity. *Circulation* 119(10) P343(principal author: Banh; my role: conceptual design, data analysis guidance, results interpretation, and critical revised manuscript)
- 10) **JOSHI, D. & LIU, J.** (2009). Non-HDL, Waist Circumference vs. Triglyceride, Waist Circumference in Detecting High Cardiovascular Disease Risk. *Circulation* 119(10) P232 (principal author: Joshi; my role: conceptual design, data analysis guidance, results interpretation, and critical revised manuscript)
- 11) **AKSEER, N., LIU, J. & FAUGHT, B.E.** (2008). Physical fitness, blood pressure, and obesity status among male firefighter candidates. *Applied Physiology, Nutrition and Metabolism* 33(Suppl.1): S1. (principal author: Akseer; my role: conceptual design, data analysis guidance, results interpretation, and critical revised manuscript)
- 12) **AKSEER, N., CAIRNEY, J., HAY, J., LIU, J. & FAUGHT, B.E.** (2008). Screening accuracy in body composition methods for childhood obesity in a known overweight population. *Applied Physiology, Nutrition and Metabolism* 33(Suppl.1): S2-S3. (principal author: Akseer; my role: conceptual design, data analysis guidance, results interpretation, and critical revised manuscript)
- 13) **LIU, J., BAKER, A. & TAN, H.** (2008). Upper leg length and the risk of type 2 diabetes and cardiovascular risk profile: a cross-sectional analysis of the National Health and Nutrition Examination Survey (NHANES) 1999 – 2004, USA. *J Heart Disease* 6(supp):198. (principal author: Liu; my role: study design, data collection, data analysis, results interpretation, and wrote the first draft of manuscript)
- 14) **JOSHI, D. & LIU, J.** (2008). Using non-HDL and waist versus using triglycerides and waist in detecting high cardiovascular risk individuals. *J Heart Disease* 6(supp):419. (principal author: Joshi; my role: conceptual design, data analysis guidance, results interpretation, and critical revised manuscript)
- 15) **STEGNE, M. & LIU, J.** (2008). Short stature and the risk of type II diabetes: A cross-sectional analysis of the Canadian Community Health Survey cycle 2.2. *Am J Epidemiol* 167(supp): 309. (principal author: Stegne; my role: conceptual design, data analysis guidance, results interpretation, and critical revised manuscript)
- 16) **LIU, J. & TREVISAN, M.** (2007). Is lipid profile among adolescents with and without impaired fasting glucosedifferent by gender? *Am J Epidemiol* 165(supp): 051. (principal author: Liu; my role: study design, data collection, data analysis, results interpretation, and wrote the first draft of manuscript)
- 17) **LIU, J., SEMPOS, C., DONAHUE, R.P., DORN, J., TREVISAN, M., & GRUNDY, S.M.** (2006). Non-High-Density-Lipoprotein (nHDL) and its Risk Predictive Value in Coronary Heart Disease (CHD). *Am J Epidemiol* 163(supp): 009. (principal author: Liu; my role: study design, data collection, data analysis, results interpretation, and wrote the first draft of manuscript)
- 18) **BRENNER, D. & LIU, J.** (2006). The effects of maternal smoking on fetal growth potential – applying the fetal nutritional status index. *Am J Epidemiol* 163(supp):222-S. ((principal author: Brenner; my role: conceptual design, data analysis guidance, results interpretation, and critical revised manuscript)
- 19) **TRUSSELL, T. & LIU, J.** (2006). Is metabolic syndrome associated with the increased risk for obesity and high cholesterol? *Am J Epidemiol* 163(supp):741-S. ((principal author: Trussell; my role: conceptual design, data analysis guidance, results interpretation, and critical revised manuscript)
- 20) **LIU, J., WADE, T.J., TAN, H., & SEMPOS, C.** (2005). Insulin resistance syndrome and anthropometric measurements of adolescent body composition: a cross-sectional analysis of the NHANES III. *Am J Epidemiol* 161(supp):447. (principal author: Liu; my role: study design, data collection, data analysis, results interpretation, and wrote the first draft of manuscript)
- 21) **LIU, J. & SEMPOS, C.** (2005). The ratio weight over maternal height – a potential index of fetal nutritional status and its relationship with current BMI and cholesterol among children. *Obesity Research* 13(supp):211-P. (principal author: Liu; my role: study design, data collection, data analysis, results interpretation, and wrote the first draft of manuscript)

- 22) **LIU, J.**, BUCK, G., & WEINER, J. (2000). Birth weight, body mass index and children's lipids profile – results from NHANES III. *Am J Epidemiol* 151(supp): S35. (principal author: Liu; my role: study design, data collection, data analysis, results interpretation, and wrote the first draft of manuscript)
- 23) **LIU, J.**, DONAHUE, R., DORN, J., & TREVISAN, M. (2000). Relation between the American Diabetic Association (ADA) criteria for diabetes and history of cardiovascular disease (CVD) in a national sample: results from the third National Health and Nutrition Examination Survey (NHANES III). *Canadian J Carodiol* 16 (supp): 28B-94. (principal author: Liu; my role: study design, data collection, data analysis, results interpretation, and wrote the first draft of manuscript)
- 24) **LIU, J.**, DONAHUE, R., DORN, J., & TREVISAN, M. (2000). Serum iron level and inflammation in old men and women – results from the Third national Health and Nutrition Examination Survey (NHANES III). *Canadian J Carodiol* 16 (supp): 28B-95. (principal author: Liu; my role: study design, data collection, data analysis, results interpretation, and wrote the first draft of manuscript)
- 25) **LIU, J.**, DOAN, J., MENOTTI, A., & TREVISAN, M. (1999). Leisure time physical activity and insulin resistance syndrome. *Am J Epidemiol* 149 (supp): S29. (principal author: Liu; my role: study design, data collection, data analysis, results interpretation, and wrote the first draft of manuscript)
- 26) **LIU, J.**, TREVISAN, M., & MENOTTI, A. (1998). Alcohol consumption and insulin resistance syndrome. *Am J Epidemiol* 147 (supp): S70. (principal author: Liu; my role: study design, data collection, data analysis, results interpretation, and wrote the first draft of manuscript)
- 27) MUTI, P., **LIU, J.**, TREVISAN, M., & MENOTTI, A. (1997). Insulin resistance as a risk factor for colon and breast cancer. *Am J Epidemiol* 145 (supp): S7. (principal author: Muti; my role: conceptual design, data analysis, and results interpretation)
- 28) **LIU, J.**, TREVISAN, M., & MENOTTI, A. (1997). Syndrome X and mortality: relative importance of the individual components of the metabolic syndrome. *Canadian J Cardiol* (supp): 198B. (principal author: Liu; my role: study design, data collection, data analysis, results interpretation, and wrote the first draft of manuscript)
- 29) TREVISAN, M., **LIU, J.**, BAHASAS, F., & MENOTTI, A. (1996). Syndrome X: Prevalence in a large cohort study and its relationship to mortality. *Am J Epidemiol* 143 (supp): S70. (principal author: Trevisan; my role: data analysis and results interpretation)

#### **Theses or Dissertation:**

- 1) **LIU, J.** (2002). *Non-high-density-lipoprotein cholesterol and coronary heart disease*. University at Buffalo. Doctoral Dissertation
- 2) **LIU, J.** (1988). *Using the ARMA model to estimate the influence of seasonal variation of the birth rates*. Central South University. Thesis of Master Sciences (Chinese)

#### **j) Other Evidence Appropriate to the Candidate's Research/Scholarship, Creative Work and/or Discipline:**

##### **Media Appearance**

- 1) Question & Answer “Is sugar good or bad for the brain?” - Research Matters, Council of Ontario University (April 29, 2014).
- 2) “Brock University Professor Predicts Risk of Heart Disease” – SAS.com (2<sup>nd</sup> Quarter, 2008)
- 3) “Searching for Solutions to Childhood Obesity” – Niagara This Week: pp. 15 (April 11, 2008)
- 4) “Café Scientifique II to Discuss Shape of Things to Come” – BrockNews (March 26, 2008)
- 5) “A Canadian Epidemiologist Visiting Campus (加拿大流行病学专家刘健博士作客经世讲坛)” – Xiangya News (湘雅新闻): (December 17, 2007)

## 2. Grants Application:

### Awarded:

#### a) Internal Grants:

2016	Agency: Faculty of Applied Health CIHR Bridge Fund Project Title: Continue sample collection for the 2015 BUAF project Contribution: Principal Investigator	\$2,000
2015	Agency: Brock University Advancement Fund Project Title: <i>The combination of using ultrasound graphs measured at early pregnancy and maternal blood glucose level at gestational diabetes screening test for risk prediction of small for gestational age infants</i> Contribution: Principal Investigator	\$4,000
2013	Agency: Brock University Open Access Publisher Fund Project Title: <i>Open access for paper of “The association of sleep disorder, obesity status and diabetes mellitus among us adults – the NHANES 2009-2010 survey results” published at International Journal of Endocrinology</i> Contribution: Principal Investigator	\$1,725
2013	Agency: Faculty of Applied Health Science Teaching & Research Equipment Fund Project Title: <i>STATA program teaching in graduate course of biostatistics</i> Contribution: Principal Investigator	\$1,389
2012	Agency: Brock University Advancement Fund Project Title: <i>Gestational diabetes and its health impact among women migrant Workers in China</i> Contribution: Principal Investigator	\$5,000
2006	Agency: Brock University 4-A Grant for Social Sciences & Humanities Research Council Project Title: <i>Fetal nutritional status, social conditions and childhood obesity</i> Contribution: Principal Investigator	\$1,000
2006	Agency: Brock University Seed Grant for Social Sciences & Humanities Research Council Project Title: <i>Does a phone call to parents re-informing the child’s health weight information promote?</i> Contribution: Co-investigator	\$2,500
2005	Agency: Brock University Seed Grant for Social Sciences & Humanities Research Council Project Title: <i>Evaluation of the impact of early life experience, current nutrition status and physical activity on development of childhood obesity</i> Contribution: Principal Investigator	\$4,354
Total:		\$21,968

#### b) Refereed External Grants:

2009 to 2012	Agency: Social Sciences & Humanities Research Council Project Title: <i>Community-based lifelong learning as a pathway to health: an explanatory case study of public continuing education programs for seniors in Toronto</i> Contribution: Co-Investigator	\$75,867
2007 to 2010	Agency: Social Sciences & Humanities Research Council Project Title: <i>The impact of early life experience and parental roles on the development childhood obesity</i> Contribution: Principal Investigator	\$100,000
2007 to 2012	Agency: Heart & Stroke Foundation Ontario Project Title: <i>Social determinants and children hypertension</i> Contribution: Co-Investigator	\$500,000
Total:		\$675,867

**c) Consultantships or Contracts:**

2014 to 2017	Agency: Applied Health Sciences, Brock University Project Title: <i>MPHA5P05, Biostatistics in Applied Health Science Research in conjunction with work on AHSC 5P27, Biostatistics in Applied Health Science Research</i> Contribution: Contract	\$7,000
2014	Agency : Brock Internal, Brock University Project Title: <i>Research Internship for Brazil Medical Students</i> Contribution: Contract	\$500
2009 to 2010	Agency: Health Canada Project Title: <i>Examination of the feasibility of using administration data to estimate the impact of the prevalence of diabetes on cancer risk among Canadian adults</i> Contribution: Contract	\$22,850
Total:		\$30,350

**E. TEACHING ACTIVITIES**

**1. Courses Work and All Related Activities:**

**a) Courses Taught:**

7. Course Catalogue					
	Course	Calendar Name	Year(s)	Enrolment	
▪	AHSC5F90	Research and Thesis	2005-15	12	
▪	AHSC5P27/7P27	Biostatistics in Applied Health Sciences Research	2005-15	2~12/yr.	
▪	AHSC5V62	Graduate Directed Readings	2007-09	6	
▪	BIOL4F92	Library Research	Essays 2007	1	
▪	CHSC3P30	Directed	Readings	2005-09	2
▪	CHSC3P92	Electronic Curriculum	2004	1	
▪	CHSC4P30	Advanced Directed	Readings	2005-14	5
▪	CHSC4F90	Thesis	2005-12	8	

▪ HLSC1F90 <sup>a</sup>	Introduction to Community Health Sciences	2014	315
▪ HLSC2P07 <sup>b</sup>	Biostatistics I	2004-17	120~240/yr.
▪ HLSC3P07 <sup>c</sup>	Biostatistics II	2005-16	70~130/yr.
▪ HLSC3P32	Applied Epidemiology and Biostatistics	2016-17	2
▪ HLSC4P77	Experiential Learning in Biostatistics	2014-17	5~10/yr.
▪ RECL4P00	Advanced Directed Readings	2014	1
▪ HTH SCI4B06 <sup>d</sup>	Thesis or Senior Project	2015	1

<sup>a</sup> Lecture on topic of Cardiovascular Diseases

<sup>b</sup> Formal course code as CHSC2Q07 or CHSC2P07

<sup>c</sup> Formal course code as CHSC3Q07 or CHSC3P07

<sup>d</sup> Course code of McMaster University for Health Sciences Major

#### **b) Course / Program Developed:**

- 1) *Biostatistics in Public Health (eLearn-MPHA5P05)* – “Statistical principles and their applications in the public health with emphasis on applying statistical principles in identification, measurement, and evaluation of health problem and its related health programs .” The program of Mater of Public Health is under review for approval, but I have signed a contract for development of the online course of eLearn-MPHA5P05.
- 2) *Biostatistics in Applied Health Sciences Research (AHSC5P27/7P27)* – “Statistical principles and their applications in the applied health sciences with emphasis on advanced understanding of multivariate analysis and practical skills in statistical programming.”
- 3) *Experiential Learning in Statistical Skills (HLSC4P77)* – “Application of statistics knowledge, skills and effective instructional techniques that enhance learners' knowledge of biostatistics.”
- 4) *Biostatistics II (HLSC3P07)* – “Intermediate statistical principles in research from conceptual and practical perspectives.”
- 5) *Biostatistics I (HLSC2P07)* – “Fundamental statistical principles and techniques for research. Issues concerning the construction, administration and evaluation of data collection as well as the processing and analysis of data.”

## **2. Supervisions of the Work of Graduate and Undergraduate Students at Brock and other Universities:**

#### **a) Graduate Students Supervision or Thesis Committee:**

- 1) \*Harish Aggarwal (2015 – Supervisor) - Master of Science in Applied Health Sciences, Brock University. “TBA”
- 2) Matt Warkentin (2014-2015, Committee member) – Master of Science in Applied Health Sciences, Brock University. “*Characteristics of small aggressive non-small cell lung cancers*”
- 3) Cam Thompson (2014-2015, Committee member) – Master of Science in Applied Health Sciences, Brock University. “*Predicting the risk of lung cancer in never-smokers*”
- 4) Karl Kverett (2014-2015, Committee member) – Master of Science in Applied Health Sciences, Brock University. “*Associations between personal cancer history and lung cancer risk*”
- 5) Lin Zheng (2014-2015, Supervisor) – Master of Science in Applied Health Sciences, Brock University. “*Childhood obesity and its early life determinants*”  
Lexie Zhang (2014-2016, Supervisor) – Master of Science in Applied Health Sciences, Brock University. “*The association between maternity insurance, residence status and selected perinatal outcomes among Chinese women*”
- 6) Beili Zheng (2012-2013, Committee member) – Master Science in Mathematics, Brock University. “*Joint models on the impact of lipids change over time on the risk of coronary heart disease*”

- 7) Mike Pryzbek (2012-2014, Supervisor) – Master of Science in Applied Health Sciences, Brock University. *“The Association of Energy Intake with Body Mass in Children With and Without Probable Developmental Coordination Disorder”* (Mike is currently a Ph.D. student in Rehabilitation Sciences, McMaster University)
- 8) Erika Sindelar (2012-2013, Committee member) – Master Science in Mathematics, Brock University. *“Implementing a Bayesian longitudinal model on the relation of cholesterol levels and risk of developing coronary heart disease.”*
- 9) Carrie Schachtschneider (2012-2013, Committee member) – Master of Science in Applied Health Sciences, Brock University. *“The association between hiring practice sequence and biophysical components during screening for probationary firefighters”*
- 10) Dan Chirico (2011-2015, Committee member) – Doctor of Philosophy in Health Biosciences, Brock University. *“Autonomic cardiovascular control in children and adolescents”*
- 11) Britney Martin (2011-2014, Committee member) – Master of Science in Applied Health Sciences, Brock University. *“Physical activity and social relations in children”*
- 12) Matt Ventresca (2011-2015, Committee member) - Master of Sciences in Applied Health Sciences, Brock University. *“The relationship between socio-demographic factors, smoking, morbidities, symptoms and pulmonary function and quality of life”*
- 13) Dilani Wijesna (2011-2016, Supervisor) – Master of Science in Applied Health Sciences, Brock University. *“Body composition and risk of childhood high blood pressure”*
- 14) Bo Hong (2010-2012, Supervisor) – Master of Science in Applied Health Sciences, Brock University. *“Diabetes and risk of cancer”* (Bo is currently a customer Service Consultant in Rogers)
- 15) Irina Rivilis (2009-2012, Committee member) – Doctor of Philosophy in Behavioural and Population Health, Brock University. *“Physical activity and fitness in children with developmental coordination disorder”*
- 16) Ryan Allaxda (2009-2010, Committee member) – Master of Science in Applied Health Sciences, Brock University. *“Mediating effect of physical activity on academic performance in children with development coordination disorder”*
- 17) Cedomir Tosevski (2009-2010, Committee member) – Master of Science in Applied Health Sciences, Brock University. *“The relationship between body mass index and breast cancer-specific death and breast cancer recurrence/progression”*
- 18) Scott Veldhuizen (2009-2010, Committee member) – Master of Science in Applied Health Sciences, Brock University. *“Opioid poisoning and access to specialized medical care in Ontario, 2002-2006”*
- 19) Barb Szybka (2009-2010, Committee member) – Master of Arts in Applied Health Sciences, Brock University. *“Social capital and its effect on the academic performance of Canadian adolescence”*
- 20) Nadia Akseer (2008-2010, Supervisor) – Master of Science in Applied Health Sciences, Brock University. *“Early life experience and childhood obesity”* (Nadia is currently a Ph.D. student in Epidemiology, University of Toronto and also works as a Biostatistician at the Hospital for Sick Children)
- 21) \*Samantha Hajna (2008-2010, Supervisor) - Master of Arts in Applied Health Sciences, Brock University. *“Nutrition related factors and risk of obesity and high level of blood pressure among children”* (after her PhD in McGill University, Samantha is currently a post-doctoral fellow in Cambridge University, UK)
- 22) Kelly Chen (2007-2009, Committee member) - Master of Arts in Applied Health Sciences, Brock University. *“Exploring Chinese-Canadians’ Perspectives on Health --A Quantitative Research”*
- 23) James Macintosh (2007-2013, Supervisor) - Master of Science in Applied Health Sciences, Brock University. *“Campus tobacco control policies and marijuana use among undergraduates”* (James is an Epidemiologist in Niagara Regional Public Health)
- 24) Divya Joshi (2006-2008, Supervisor) – Master of Science in Applied Health Sciences, Brock University *“Using non-HDL cholesterol and waist circumference versus using triglycerides and waist*

*circumference in detecting high risk individuals for cardiovascular disease”* (Divya has achieved Ph.D. in Epidemiology, McMaster University)

- 25) Tim Trussell (2005-2009, Supervisor) – Master of Science in Applied Health Sciences, Brock University *“Metabolism syndrome and cardiovascular disease risk”* (Tim is currently a Specialist, Data Sciences in SAS Canada)
- 26) Fern Macleod (2007-2012, Committee member) - Master of Science in Applied Health Sciences, Brock University. *“Predicting Academic Success in a First-Year Undergraduate University Cohort”*
- 27) Megan Del Ben (2007-2009, Committee member) – Master of Science in Applied Health Sciences, Brock University. *“Perceived body image and its relationship to weight status among children”*
- 28) Darren Brenner (2006-2008, Committee member) - Master of Science in Applied Health Sciences, Brock University. *“The role of genetic molecular alterations and sociodemographic factors in long term survival of axillary node negative breast cancer patients”*
- 29) Jenifer MacInnis (2006-2008, Co-supervisor) – Master of Science in Applied Health Sciences, Brock University. *“The influence of physical activity behaviour on the relationship between motor proficiency and body composition in children”* (Jenifer is currently a Manager, Regional Prevention and Screening, Oncology Clinical Trials at Southlake Regional Health Centre)
- 30) Joseph Tota (2006-2008, Committee member) – Master of Science in Applied Health Sciences, Brock University. *“Modeling multiplex lung cancer screening using biomarkers, autofluorescent bronchoscopy and low dose computed tomography”*
- 31) Rob Hawes (2005-2006, Committee member) – Master of Science in Applied Health Sciences, Brock University. *“What predicts changes in health among immigrants to Canada? Reappraising the healthy immigrant effect”*

\* Master's Award Receiver: Frederick Banting and Charles Best Canada Graduate Scholarships

#### **b) Undergraduate Students Supervision:**

- 1) Daisy Ochola (January, 2017) – *“Cannabis usage and mental health service utilization among individuals with post-traumatic stress disorder”* (Brock University)
- 2) Asia Przepiorkowski (September, 2016) – *“Non-HDL Cholesterol and Over-weight/Obesity Status in School Children”* (Brock University)
- 3) Amy Feng (September, 2015) – *“Case report of students from HLSC4P77 – experiential learning in statistics skills”* (McMaster University)
- 4) Harish Aggarwal (September, 2014) – *“Obesity status and family history as predictors of pulse pressure in US adults”* (Brock University)
- 5) Harish Aggarwal (January, 2014) – *“The association of education and obesity status as determinants of pulse pressure in diabetic and non-diabetic US populations”* (Presented at Annual Conference of American College of Epidemiology) (Brock University)
- 6) Victoria Vaccaro ((January, 2014) – *“Experience learning of application of statistical skills in HLSC2P07”* (Brock University)
- 7) Vy Thuy Hoang (July, 2012) – *“The relationship between noncompliant diabetic individuals and diabetic retinopathy”* (Brock University)
- 8) Kellyana Quattrini (June, 2010) – *“Anthropometric measurements in cardiovascular risk among children”* (Presented at Canadian Diabetes Association Annual Conference) (Brock University)
- 9) Steve Argiropoulos (August, 2009) – *“Examining the relationship between diabetes status and the risk of all types of cancers, prostate cancer, breast cancer, and colon cancer”* (Brock University)
- 10) Sachin Mehta (September, 2009) – *“Type 2 diabetes and its cardio-metabolic risk profile”* (Brock University)
- 11) Lisa Banh (July, 2008) – *“Sleeping problems and obesity profile of Niagara’s children”*. (Presented at Nutrition, Physical Activity and Metabolism Conference and 49<sup>th</sup> Cardiovascular Disease Epidemiology and Prevention Conference) (Brock University)



- 12) Desiree Felice (March, 2008) – “*Meal patterns affecting children’s vitamin D and calcium intake*” (Brock University)
- 13) Allison Bracken (September, 2007) – “*Foetal nutritional status interactions and the development of obesity among adolescents*” (Brock University)
- 14) Marina Stegne (July, 2007) – “*Hypertension, insulin resistance and sodium diets*” (Brock University)
- 15) Shamiram Zendo (June, 2007) – “*Early life experience and children with development coordination disorder*” (Brock University)
- 16) Nadia Akseer (September, 2006) – “*Prostate-specific antigen and prostate cancer*” (Brock University)
- 17) Tyler Zimmer (September, 2006) – “*Physical activity and eating habits among undergraduate university students*” (Presented at the Biennial Conference of Canadian Society for Epidemiology and Biostatistics) (Brock University)
- 18) Darren Brenner (September, 2005) – “*The effects of cigarette smoke exposure on fetal growth potential – applying the fetal nutritional status index*” (Brock University)
- 19) Roy Olende (October, 2005) – “*Total daily energy expenditure in university students: relationship between physical activity and average night-time sleep*” (Brock University)

**c) Mentorship for Exchange Student / Visiting Scholar:**

- 1) Michael Yu (Jan – Dec, 2011) – International Visiting Scholar, Brock University. “*Obesity and related metabolic disorders in Chinese children*” (Paper published at *Preventive Medicine Reports* (2014) as “Association between leg length-to-height ratio and metabolic syndrome in Chinese children aged 3 to 6
- 2) Gustavo Castro de Queiroz (June-Dec, 2014) – Research Internship for Brazil Medical Students, Brock International, Brock University. “*Alcohol intake and blood pressure*”

**d) Chairperson or External Examiner of Graduate Thesis Defense:**

- 1) *External Defense Examiner* for Ms. Wanyi Huang, M.Sc. Faculty of Mathematics & Science, Brock University, August 17, 2015
- 2) *Defense Chairperson* for Ms. Natalie Trojanowski, M.Sc. Faculty of Applied Health Sciences, Brock University, August 10, 2015
- 3) *Defense Chairperson* for Ms. Sabrina Brown, M.A. Faculty of Applied Health Sciences, Brock University, December 1, 2011
- 4) *Defense Chairperson* for Mr. Aaron Phillips, M.Sc. Faculty of Applied Health Sciences, Brock University, October 23, 2009
- 5) *Defense Chairperson* for Ms. Nicole Coverdale’s proposal, M.Sc. Faculty of Applied Health Sciences, Brock University, June 11, 2009
- 6) *Defense Chairperson* for Ms. Timna Merion’s proposal, M.Sc. Faculty of Applied Health Sciences, Brock University, December 11, 2009
- 7) *Defense Chairperson* for Ms. Kasia Zygmunt’s proposal, M.Sc. Faculty of Applied Health Sciences, Brock University, April 21, 2008
- 8) *Defense Chairperson* for Ms. Sally Baerg’s proposal, M.Sc. Faculty of Applied Health Sciences, Brock University, June 27, 2007

**3. Contributions to Seminars and Colloquia Relevant to Teaching and Learning:**

**Teaching-related Workshops Attended:**

- Brock University Centre for Teaching, Learning & Educational Technologies – “Isaak-Sakai 2.9.3 update” (2014)
- Dalhousie University (online course) – “Ethical decision-making in the Health Professions” (2014)

- Brock University Centre for Teaching, Learning & Educational Technologies – “Pedagogical innovation and imagination” (2011)
- Brock University Centre for Teaching, Learning & Educational Technologies – “Undergraduate and graduate supervision” (2008)
- Brock University Centre for Teaching, Learning & Educational Technologies – “Building your Sakai course” (2008)
- Brock University Human Resources – “Emergency preparedness essentials” (2008)
- Pearson Education Canada (Toronto) – “Strategies for success education workshop for life science”(2008)
- American Heart Association (Colorado Springs) – “Motivational interviewing for weight loss and exercise” (2008)
- Brock University Centre for Teaching, Learning & Educational Technologies – “Curriculum revisited workshop” (2007)
- Brock University Centre for Teaching, Learning & Educational Technologies – “Student engagement and millennium generation – how well do you know your students?” (2007)
- Brock University Centre for Teaching, Learning & Educational Technologies – “ Teaching and innovation in mathematics and science” (2006)
- Society for Epidemiology Research (Seattle) – “Multilevel analysis in epidemiology and public health” (2006)
- SAS Canada (St. Catharines) – “Introduction to SAS enterprise guide for educators” (2006)
- Brock University Centre for Teaching, Learning & Educational Technologies – “ Instructional skills” (2005)
- Brock University Centre for Teaching, Learning & Educational Technologies – “ New faculty orientation” (2004)
- Brock University Centre for Teaching, Learning & Educational Technologies - “New faculty mentoring program” (2004)
- Canadian Society for Epidemiology and Biostatistics (Halifax) – “Design and analysis of cluster randomization trials in health research” (2003)
- Atlantic Centre for Policy Research, University of New Brunswick (Fredericton) – “Hierarchical linear modeling” (2003)
- Sun Yat-Sen Medical University (Guangzhou)– “Survival analysis and longitudinal study” (1986)
- Shandong Medical College (Jinan) – “Advanced Biostatistics in biomedical research” (1983)

## **F. UNIVERSITY/COMMUNITY SERVICE**

### **1. Participation in University, Faculty, Department and Union Committee:**

- 1) Brock University Copy Right Advisory Committee (2012 – present)
- 2) Brock University Biological Research Ethics Board (2010 – 2012, 2015 – present)
- 3) Brock University Research Ethics Board (2009 – 2010)
- 4) Brock University Faculty Association Observer in Senator Graduate Study Committee (2008 – 2009)
- 5) Brock University Representative at Ontario University Fairs at Toronto (2016, 2014, 2012, 2007)
- 6) Faculty Representative at Brock University Open House (Spring 2017, 2014, 2013, 2010, 2007, 2006, 2005; Fall 2013, 2012, 2011)
- 7) Faculty Representative at Brock University Convocations (June 2015, 2013, 2009, 2008, 2007; Oct 2012, 2007)
- 8) Department of Health Sciences Curriculum Committee (2011 – present)
- 9) Translator for Dr. Neil McCartney, the Dean of Faculty of Applied Health Sciences, in meeting with Visiting Colleagues of Dali University from China (July, 2012)

- 10) Brock University Representative to meet the Delegation of Tongxiang City from China (July, 2011)
- 11) Faculty Representative at Open Ceremony of Brock University Confucius Institute (May 2011)
- 12) Ontario Graduate Scholarship, Faculty of Applied Health Sciences Reviewer (2004, 2005)
- 13) Tai Chi demonstrator at Heart Behavioural Environment Assessment Team (HBeat) Youth Leadership Camp (July, 2010)
- 14) Member of Brock University Chinese Faculty Association (2010 – present)
- 15) Tai Chi demonstrator at Open house of Brock University Heart Institute (July, 2008)
- 16) Organizer for Dr. Maurizio Trevisan (Dean of School of Public Health & Health Professions, University at Buffalo) as an invited guest speaker at the Faculty of Applied Health Sciences, Brock University  
Topic: A review of cardiovascular diseases research. (May, 2006)
- 17) Member of Epidemiologist Recruitment Committee in the Department of Community Health Sciences (2005)
- 18) Member of the Department of Health Sciences committee as a whole. (2004 – present)
- 19) Member of Health Sciences Program group at the Department of Health Sciences. (2004 – present)
- 20) Member of Brock University Faculty Association as a whole. (2004 – present)
- 21) Providing academic references for more than 100 students from the Department of Health Sciences for their application for post-graduate study or job opportunity since 2004.

## **2. Service in and Recognition by Regional, National and International Committees and Other Organizations, Including Professional Organizations:**

### **a) Membership of Professional Organizations:**

- Canadian Society for Epidemiology & Biostatistics (2001 – present)
- Society for Epidemiologic Research (2007 – present)
- American College of Epidemiology (2005 – 2007)

### **b) Service in Professional Organizations:**

- Congress Committee Member for 2016 Epidemiology Congress of the Americas – Award Committee (August, 2014 – September, 2015)
- Golden Horseshoe SAS User Group Executive Committee (2005 – 2013)
- Co-Chair of the section of “Geriatric vs. Pediatric Diabetes” in the 1<sup>st</sup> Annual World Congress of Diabetes (Beijing, June, 2012)
- Workshop organizer of preconception cohort studies in China (Ottawa, June, 2010)

### **c) Service in Non-professional Organizations:**

- St. Catharines Chinese Alliance Church Pastor Search Committee (2015)
- St. Catharines Chinese Alliance Church Elders Committee (2008 – 2010)
- Canadian Chinese Alliance Church Association Joint Mission Conference Organization Committee (July, 2009)
- St. Catharines Chinese Alliance Church Sunday School Teacher (2008 – 2009)
- Facer Baptism Church Vacation Bible School (July, 2008)
- Judge, St. Catharines Chinese School Poetry Competition (December, 2006)
- Volunteer in the “Out of Cold” & “Shelter of Summer” Program for homeless (2005 – 2006, 2016)

## **3. Community Services Where the Candidate Has Made an Essentially Non-remunerative Contribution by Virtue of Special Academic Competence:**

- Abstract Reviewer, Canadian Society of Epidemiology and Biostatistics - Biennial Conference (April, 2015)
- Judge, Canadian Society for Epidemiology & Biostatistics National Student Conference (Hamilton, May, 2014)
- Abstract Reviewer, Society for Epidemiology Research – 46<sup>th</sup> Annual Conference (April, 2013)