

YAN YUAN

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ACADEMIC DEGREES

2008	Doctor of Philosophy	Statistics	University of Waterloo, Canada
2003	Master of Mathematics	Biostatistics	University of Waterloo, Canada
1999	Master of Science	Animal Science	Michigan State University, USA
1996	Bachelor of Science	Biochemistry	Nanjing University, PR China

PROFESSIONAL EXPERIENCE

2018 – present	Associate Professor , School of Public Health, University of Alberta
2011 – 2018	Assistant Professor , School of Public Health, University of Alberta
2015 – 2017	Adjunct Assistant Professor , Department of Statistics and Actuarial Science, Simon Fraser University
2008 – 2011	Biostatistician , Population Health Research, Alberta Health Services-Cancer Care
2002 – 2008	Teaching and Research Assistant , Department of Statistics and Actuarial Sciences, University of Waterloo
1999 – 2001	Lab Manager , Department of Animal and Poultry Science, University of Guelph

RESEARCH GRANTS AWARDED

As Principal Investigator

- 8 Performance Measures and Models for Statistical Prediction, Natural Sciences and Engineering Research Council (NSERC)
2019 April -2024 April, \$80,000 (peer-reviewed, Discovery Grant)
- 7 Kick-Start Research Program, Canadian Statistical Sciences Institute, 2018, \$2,000
- 6 Capturing Radiology Diagnoses of Primary Brain Tumors.
Canadian Institutes of Health Research (CIHR)
2018 Oct – 2019 Oct, \$10,000 (peer-reviewed, Planning and Dissemination Grant)
- 5 Risk Prediction for Premature Ovarian Insufficiency in Childhood Cancer Survivors. Canadian Institutes of Health Research (CIHR)
2016 April –2021 March, \$179,858 (peer-reviewed, success rate at 12.9%)
- 4 Using Statistical Methods to Study the Relationships between Body Fat and Weight Changes during Pregnancy and Early Postpartum.
Women and Children’s Health Research Institute
2016–2018, \$50,000 (peer-reviewed, success rate at 28.6%)
- 3 Vitamin Intake during Pregnancy.
Faculty of Agriculture, Life & Environmental Sciences, University of Alberta
2015–2016, \$30,010 (peer-reviewed)

- 2 Identifying Care Gaps in the Breast Cancer Diagnostic Trajectory.
Medical Services (Alberta) Incorporated Foundation
2012–2015, \$90,000 (peer-reviewed, success rate at 18.9%)
- 1 Startup Grant. School of Public Health, University of Alberta
2011–2015, \$25,000

As A Co-Investigator

- 10 Social Competence in Children Diagnosed with Sickle Cell Disease: An examination of risk factors
CIHR Operating Grant. PI: F Schulte
2018 Oct – 2021 Oct, \$104,109
- 9 Optimizing Outcomes in Survivors of Childhood, Adolescent and Young Adult Cancer
CIHR Foundation grant. PI: P Nathan
2018 June – 2026 June, \$2,729,448
- 8 Gestational Diabetes Management and its Influence on Breastfeeding Practices
Diabetes Obesity and Nutrition Strategic Clinical Network. PI: RC Bell
2018 April – 2019 Oct, \$10,000
- 7 Maternal Iron Nutrition and its Consequences in Pregnant Women and Their Children in the
Alberta Pregnancy Outcomes and Nutrition (APrON) Study.
CIHR. PI: RC Bell
2018 March – 2021 March, \$294,525
- 6 Quality of Referrals to Pediatric Rheumatology in Northern Alberta and Its Effects on Access to
Care.
Canadian Initiative for Outcomes in Rheumatology Care. PI: M. Chan
2016 – 2018, \$12,697
- 5 Brain Tumor Registry of Canada.
Brain Canada. PI: FG. Davis
2016 – 2019, \$498,074
- 4 Promoting Appropriate Body Weight in Pregnancy and Postpartum through Health Dietary Intake.
Alberta Innovates – Health Solutions, Collaborative Research Innovation Opportunities. PI: RC.
Bell, L. McCargar and P. Robson
2013 – 2018, \$2,500,000.
- 3 Spatial Data Mining Exploring Co-location of Adverse Birth Outcomes and Environmental
Variables.
CIHR-NSERC (Natural Sciences and Engineering Research Council of Canada). PI: A. Osornio-
Vargas and O. Zaiane
2013 March – 2018 March, \$801,858.
- 2 Developing Effective Policies for Managing Technologies for Rare Diseases.
CIHR. PI: D. Menon and C. McCabe
2012 Jan – 2017 Jan, \$1,450,000.
- 1 Physical Activity and Breast Cancer Survivorship: Moving beyond Breast Cancer Cohort Study.
CIHR. PI: K. Courneya and C. Friedenreich
2011 Sept – 2016 Sept, \$2,500,000.

SELECTED AWARDS AND RECOGNITION

2018	Best Paper Award	National Cancer Registrar’s Association	USD\$1500
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2017	Early Career Award in Cancer Research	Institute of Cancer Research - Canadian Institutes of Health Research	\$25,000
2012	40 under 40 Young Scientists	InterAcademyPanel - the global network of science academies	NA
2005-07	Canada Graduate Scholarship	Natural Sciences and Engineering Research Council of Canada (NSERC)	\$105,000

CAREER INTERRUPTIONS

2005 & 2010 Maternity leave

PEER-REVIEWED PUBLICATIONS (*Trainee underlined, * indicate corresponding author*)

Google Scholar since 2015 overall citation 357, h-index 13, i10-index 15

1. Maplethorpe E, Walker E, Smith T, Davis F, **Yuan Y*** (2020) The Importance of Cancer Registry Linkage for Studying Rare Cancers in Prospective Cohorts *Journal of Cancer Epidemiology* (Accepted)
2. Vu K, Osornio-Vargas A, Zaiane O, Yuan Y* (2020) Ranking Association Rules from Data Mining for Health Outcomes: A Case Study of Effect of Industrial Airborne Pollutant Mixtures on Birth Outcomes *AMMCS-2019 Proceedings* (10 pages, Accepted)
3. Walker E, **Yuan Y**, Girgis S, Goodman KG (2020) Patterns of fish and whale consumption in relation to methylmercury in hair among residents of Western Canadian Arctic communities. *BMC Public Health* 6;20(1):1073. PMID: 32631282 PMCID: PMC7339417 DOI: 10.1186/s12889-020-09133-2
4. Miyasaki JM, Maplethorpe E, **Yuan Y**, Keran C, Gross RA (2020) Leadership, Recognition Awards and Publication by Men and Women in the American Academy of Neurology. *Neurology* PMID: 32934164 DOI: 10.1212/WNL.0000000000010810.
5. Mackenzie ML, **Yuan Y**, Shen Y, Toth EL, Bell RC, Oster RT. (2020) Pregnancy and development of diabetes in First Nations and non-First Nations women in Alberta, Canada. *Diabetic Medicine*. PMID: 32745272 DOI: 10.1111/dme.14372
6. Winget M, **Yuan Y**, Bride ML, Kendell C, Decker KM, Grunfeld E, Groome PA. (2020) Inter- and Intra-Provincial Variation in Screen-Detected Breast Cancer across Five Canadian Provinces: A CanIMPACT Study. *Canadian Journal of Public Health* 111(5):794-803 PMID: 32020541 DOI: 10.17269/s41997-019-00282-5
7. Clark RA, Sogol M, Yasui Y, Vu K, Sklar CA, Motan T, Brooke RJ, Gibson TM, Oeffinger KC, Howell RM, Simit SA, Lu Z, Robison LL, Chemaitilly W, Hudson MM, Armstrong GT, Nathan PC, **Yuan Y***. Predicting Acute Ovarian Failure in Female Childhood Cancer Survivors: A Cohort Study in the Childhood Cancer Survivor Study (CCSS) and the St. Jude Lifetime Cohort (SJLIFE). *Lancet Oncology* 21(3):436-445 PMID: 32066539 PMCID: PMC7060129 DOI: 10.1016/S1470-2045(19)30818-6
8. **Yuan Y***, Vu K, Shen Y, Dickinson J, Winget M. (2020) Importance of quality in breast cancer screening practice – a natural experiment in Alberta, Canada. *BMJ Open* 10:e028766 (9 pages) doi:10.1136/bmjopen-2018-028766

9. Serrano-Lomelin J, Nielsen CC, Jabbar SM, Wine O, Bellinger C, Villeneuve PJ, Stieb D, Aelicks N, Aziz K, Buka I, Chandra S, Crawford S, Demers P, Erickson AC, Hystad P, Kumar M, Phipps E, Shah PS, **Yuan Y**, Zaiane OR, Osornio-Varga AR (2019) Interdisciplinary-driven hypotheses on spatial associations of mixtures of industrial air pollutants with adverse birth outcomes. *Environmental International* 131:104972 (13 pages) doi.org/10.1016/j.envint.2019.104972
10. Vu K, Clark R, Bellinger C, Erickson G, Osornio-Vargas A, Zaiane O, **Yuan Y*** (2019) The index lift in data mining has a close relationship with the association measure relative risk in epidemiological studies. *BMC Medical Informatics and Decision Making* 19:112 (8 pages) doi.org/10.1186/s12911-019-0838-4
11. Walker E, Ross J, **Yuan Y**, Davis FG. (2019) Socioeconomic Status, Urban-Rural Residence, and Brain Cancer Survival in Canada: 1996 – 2008. *Current oncology* 26(3):e292-9. PMID: 31285671 PMCID: PMC6588061 DOI: 10.3747/co.26.4273
12. Subhan F, Shulman L, **Yuan Y**, McCargar L, Kong L, Bell RC, The APrON Study Team and ENRICH (2019) Association of Pre-pregnancy BMI and Gestational Weight Gain with Fat Mass Distribution and Accretion During Pregnancy and Early Postpartum - A Prospective Study of Albertan Women. *BMJ Open* 9:e026908. doi:10.1136/bmjopen-2018- 026908 <https://bmjopen.bmj.com/content/9/7/e026908.full>
13. Colquhoun A, Hannah H, Corriveau A, Hanley B, **Yuan Y**, Goodman KJ and the CANHelp Working Group. (2019) Gastric cancer in northern Canadian populations: a focus on cardia and non-cardia subsites. *Cancers* 11:534. doi:10.3390/cancers11040534 (invited manuscript)
14. **Yuan Y***, Amjad S, Eckstrand A, Sevick R, Scott J, Devji S, Bertrand C, King M, Brunka V, Maplethorpe E, Walker E, Muanza T, Davis F. (2018) On Capturing Radiological Diagnoses Of Brain Tumours To Provide Complete Population Data In Cancer Registries In Canada. *Journal of Registry Management* 45: 167-172. (2018 Best Paper Award by National Cancer Registrars Association)
15. **Yuan Y***, Zhou Q, Li B, Cai H, Chow E, Armstrong G. (2018) A threshold-free summary index of prediction accuracy for censored time to event data. *Statistics in Medicine* 37(10):1671-1681. doi: 10.1002/sim.7606 PMID: 29424000 (Five-year IF 2.524)
16. Shen Y, Winget M, **Yuan Y***. (2018) The impact of false positive breast cancer screening mammograms on screening retention: A retrospective population cohort study in Alberta, Canada. *Canadian Journal of Public Health*.108: e539-e545. doi: 10.17269/cjph.108.6154 PMID: 29356661 (Five-year IF 1.794)
17. Che M, Kong L, Bell RC, **Yuan Y***. (2017) Trajectory modelling of gestational weight: a functional principal component analysis approach. *PLoS One*. 12(10): e0186761. doi: 10.1371/journal.pone.0186761 PMID: 29065133 (Five-year IF 3.394)
18. **Yuan Y**, Ross J, Shi Q, Davis FG. (2017) Conditional survival after a diagnosis of malignant brain tumour in Canada: 2000-2008. *Current Oncology*.24: e341–e347. doi: 10.3747/co.24.3579 PMID: 29089803 (Five-year IF 2.175)
19. Munasinghe LL, Willows N, **Yuan Y**, Ekwaru JP, Veugelers PJ. (2017) Vitamin D sufficiency of Canadian children did not improve following the 2010 revision of the dietary guidelines for increased intake of vitamin D: Canadian Health Measures Survey. *Nutrients*. 9(9). pii: E945. doi: 10.3390/nu9090945 PMID: 28846645 . (Five-year IF 4.187)

20. Fung M, **Yuan Y**, Atkins H, Shi Q, Bubela T. (2017) Responsible translation of stem cell research: an assessment of clinical trial registration and publications. *Stem Cell Reports*. 8:1-12. doi: 10.1016/j.stemcr.2017.03.013 PMID: 28416287. (Five-year IF 7.027)
21. Munasinghe LL, Ekwaru JP, **Yuan Y**, Faught EL, Willows N, Veugelers PJ. (2017) Vitamin D deficiency and sufficiency among Canadian youth after the revision of dietary guidelines in 2010: do they need supplements? *British Journal of Nutrition*. 117(3):457-465. doi: 10.1017/S0007114517000320 PMID: 28245892 (Five-year IF 3.710)
22. Munasinghe LL, **Yuan Y**, Faught EL, Willows N, Veugelers PJ. (2016) Parental encouragement of healthy lifestyles for their children and personally caring about healthy lifestyles is positively associated with children using vitamin D supplements. *Nutrients*. 8(10):E596. doi: 10.3390/nu8100596 PMID: 27669295 (Five-year IF 4.064)
23. Wild TC, **Yuan Y**, Rush BC, Urbanoski KA. (2016) Client engagement in legally-mandated addiction treatment: a prospective study using self-determination theory. *Journal of Substance Abuse Treatment* 69:35-43. doi: 10.1016/j.jsat.2016.06.006 PMID: 27568508 (Five-year IF 2.691)
24. Jarman M, **Yuan Y**, Mohammadreza P, Shi Q, Robson P, Bell RC, APrON team and ENRICH team. (2016) Patterns and trajectories of gestational weight gain: a prospective cohort study. *Canadian Medical Association Journal Open* 4(2):E338-345. doi: 10.9778/cmajo.20150132 PMID: 27525254
25. **Yuan Y**, Shi Q, Li M, Nagamuthu C, Andres E, Davis FG. (2016) Canadian brain cancer survival rates by tumour type and region: 1992-2008. *Canadian Journal of Public Health* 107(1):e37-42. doi: 10.17269/cjph.107.5209 PMID: 27348108 (Five-year IF 1.567)
26. **Yuan Y***, Li M, Yang J, Elliot T, Kelly D, Dickinson J, Fisher S, Winget M. (2016) Factors related to breast cancer detection method and time to diagnosis in Alberta, Canada: a population-based study. *BMC Health Services Research* 16(1):65. doi:10.1186/s12913-016-1303-z PMID: 26892589 (Five-year IF 2.143)
27. Munasinghe LL, Willows N, **Yuan Y**, Veugelers PJ. (2015) The prevalence and determinants of use of sole vitamin D supplements among children in Alberta, Canada: A population-based cross-sectional study. *BMC Public Health* 15(1):1063. doi: 10.1186/s12889-015-2404-z PMID: 26475742 (Five-year IF 2.768)
28. Munasinghe LL, Willows N, **Yuan Y**, Veugelers PJ. (2015) Dietary reference intakes for vitamin D based on the revised 2010 dietary guidelines are not being met by children in Alberta, Canada. *Nutrition Research* 35(11):956-964. doi: 10.1016/j.nutres.2015.07.006 PMID: 26341787 (Five-year IF 2.615)
29. Su W, **Yuan Y**, Zhu M. (2015) A relationship between the average precision and the area under the ROC curve. Proceedings of the 2015 International Conference on Theory of Information Retrieval. 349-352 ACM New York, NY, USA. doi: 10.1145/2808194.280948
30. **Yuan Y***, Su W, Zhu M. (2015) Threshold-free measures for assessing the performance of medical screening tests. *Frontiers in Public Health* 3:57. doi: 10.3389/fpubh.2015.00057 PMID: 25941668
31. **Yuan Y**, Li M, Yang J, Winget M. (2015) Using administrative data to estimate time to breast cancer diagnosis and percent of screen-detected breast cancers — a validation study in Alberta, Canada. *European Journal of Cancer Care* 24: 367-375. doi: 10.1111/ecc.12277 PMID: 25521706 (Five-year IF 1.807)

32. Quintanilha M, Mayan MJ, Thompson J, Bell RC, and The ENRICH Study Team (2015) Different approaches to cross-lingual focus groups: lessons from a cross-cultural community-based participatory research project in the ENRICH Study. *International Journal of Qualitative Methods* 1–10. doi: 10.1177/1609406915621419
33. Chalmers E, Mizianty M, Parent E, **Yuan Y**, Lou E. (2014) Toward maximum-predictive-value classification. *Pattern Recognition* 47(12):3949–3958. doi: 10.1016/j.patcog.2014.06.013 (Five-year IF 3.613)
34. Kang J, **Yuan Y**, Emery C. (2014) Assessing different remedies to missing exposure in injury data. *Injury Prevention* 20(3):177-182. doi: 10.1136/injuryprev-2012-040537 PMID: 23942806 (Five-year IF 2.062)
35. Csizmadi I, Kelemen LE, Speidel T, **Yuan Y**, Laural CD, Friedenreich CM, Robson PJ. (2014) Are physical activity levels linked to nutrient adequacy? Implications for cancer risk *Nutrition and Cancer* 66(2):214-224. doi: 10.1080/01635581.2014.868913 PMID: 24564401 (Five-year IF 2.693)
36. Fortin M, **Yuan Y**, Battié M. (2013) Factors associated with paraspinal muscle asymmetry in size and composition in a general population sample of men. *Physical Therapy* 93(11):1540-1550. doi: 10.2522/ptj.20130051 PMID: 23813083 (Five-year IF 3.896)
37. Tan Z, **Yuan Y**, Chen S, Chen Y, Chen TX. (2013) Plasma endothelial microparticles, TNF- α and IL-6 in Kawasaki disease. *Indian Pediatrics* 50(5):501-503. doi: 10.1007/s13312-013-0152-7 PMID: 23255681 (Five-year IF 1.177)
38. **Yuan Y**, Chipman HA, Welch WJ. (2012) Harvesting classification trees for drug discovery. *Journal of Chemical Information and Modeling* 52 (12): 3169–3180. doi: 10.1021/ci3000216 PMID: 23110407 (Five-year IF 4.067)
39. Courneya KS, Vallance JK, Culos-Reed SN, McNeely ML, Bell GJ, Mackey JR, Yasui Y, **Yuan Y**, Matthews CE, Lau DCW, Cook D, Friedenreich CM. (2012) The Alberta Moving Beyond Breast Cancer (AMBER) cohort study: A prospective study of physical activity and health-related fitness in breast cancer survivors. *BMC Cancer* 12:525. doi: 10.1186/1471-2407-12-525 PMID: 23153358 (Five-year IF 3.591)
40. Lawless JF and **Yuan Y**. (2010) Estimation of prediction error for survival models. *Statistics in Medicine* 29:262-74. doi: 10.1002/sim.3758 PMID: 19882678 (Five-year IF 2.334)
This is the main paper from my PhD thesis
41. Miller NA, Chapman JW, Qian J, Christens-Barry WA, Fu Y, **Yuan Y**, Lickley HL, Axelrod DE. (2010) Heterogeneity between ducts of the same nuclear grade involved by ductal carcinoma *in situ* (DCIS) of the breast. *Cancer Informatics* 9:209-216. doi: 10.4137/CIN.S5505 PMID: 20981137
42. Axelrod DE, Miller NA, Lickley HL, Qian J, Christens-Barry WA, **Yuan Y**, Fu Y, Chapman, JW. (2008) Effect of quantitative nuclear image features on recurrence of ductal carcinoma *in situ* (DCIS) of the breast. *Cancer Informatics* 6:99-109. doi: 10.7282/T30G3HJF PMID: 18779878
43. Chapman JW, Miller NA, Lickley HL, Qian J, Christens-Barry WA, Fu Y, **Yuan Y**, Axelrod DE. (2007) Ductal carcinoma *in situ* of the breast (DCIS) with heterogeneity of nuclear grade: Prognostic effects of quantitative nuclear assessment. *BMC Cancer* 7:174. doi: 10.1186/1471-2407-7-174 PMID: 17845726 (Five-year IF 2.833)

44. Widowski TM, **Yuan Y**, Gardner JM. (2005) Effect of accommodating sucking and nosing on the behaviour of artificially reared piglets. *Laboratory Animals* 39:240-250. doi: 10.1258/0023677053739701 PMID: 15901369
45. **Yuan Y**, Jansen J, Charles D, Zanella AJ. (2004) The influence of weaning age on post-mixing agonistic interactions in growing pigs. *Applied Animal Behaviour Science* 88:39-46. doi: 10.1016/j.applanim.2004.01.012

Technical Reports

- Zhou QM, Lu Z, Brooke RJ, Hudson M, **Yuan Y***. Evaluating the incremental value of a new model: Area under the ROC curve or under the PR curve. <https://arxiv.org/abs/2010.09822> arXiv:2010.09822 [stat.ME] (26 pages)
- Smith T, **Yuan Y**, Walker EV, Davis FG (2020) Brain Tumour Registry of Canada (BTRC): Survival Report 2010-2015. Brain Tumour Registry of Canada (BTRC) A Surveillance Research Collaborative. Brain Tumour Registry of Canada <https://braintumourregistry.ca/survival-report/> (27 pages)
- Smith T, **Yuan Y**, Walker E, Davis F (2019) Brain Tumour Registry of Canada (BTRC): Incidence Report 2010-2015. Brain Tumour Registry of Canada <https://braintumourregistry.ca/incidence-report/> (47 pages)
- Bieber M, Luth W, Camicioli E, Clark R, **Yuan Y**, Bubela T (2017) Strategy for Patient-Oriented Research: Bibliometric Analysis Report. Commissioned by Alberta Innovates, Alberta Strategy for Patient-Oriented Research Support Unit (64 pages)
- Yong J, Mohammad SH, **Yuan Y**. (2016) A two-stage patient-focused study design for rare disease controlled trials. <http://arxiv.org/abs/1607.00046> arXiv:1607.00046 [stat.AP] (29 pages)
- Winget M, Wang K, **Yuan Y**. Evaluation of the Impact of the Comprehensive Breast Care Program on Time to Breast Cancer Diagnosis. Cancer Measures, Outcomes, Research and Evaluation (C-MORE), Cancer Care, Alberta Health Services. March 8, 2013 (16 pages)

PRESENTATIONS

Seminar

- “A Summary Index of Prediction Accuracy for Binary and Censored Time to Event Data” Biostatistics Unit, Princess Margaret Hospital, Toronto, ON August 2019
- “A Summary Index of Prediction Accuracy for Binary and Censored Time to Event Data” Department of Statistics and Actuarial Sciences, University of Waterloo, Waterloo, ON August 2019
- “A Summary Index of Prediction Accuracy for Binary and Censored Time to Event Data” National Cancer Center Japan, Tokyo, Japan July 2019
- “From Cancer Epidemiology to Prediction Accuracy Measure, and Beyond”, School of Epidemiology and Public Health, University of Ottawa, ON April 2019

- “A Summary Index of Prediction Accuracy for Binary and Censored Time to Event Data” Ontario Institute of Cancer Research Biostatistics Training Initiative Webinar Series, April 2019
- “An index metric for prospective prediction accuracy” Department of Mathematics and Statistics, University of Saskatchewan, SK April 2019
- “Quality of Breast Cancer Screening and Diagnosis in Alberta, Canada” School of Public Health, Fu Dan University. Shanghai, China March 2018
- “Engaging Biostatistics in Maternal and Perinatal Research” Shanghai State Key Laboratory of Children's Environmental Health, Shanghai Jiao Tong University. Shanghai, China April 2018
- “Risk Prediction for Premature Menopause in Childhood Cancer Survivors” Xin Hua hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China April 2018
- “Risk Prediction: Performance Measures and Tools with Applications to Public Health” School of Public Health, University of Alberta. Edmonton, AB October 2017
- “A Summary Index of Prediction Accuracy for Censored Time to Event Data” Department of Mathematics and Statistics, University of Calgary. Calgary AB October 2017
- “Measuring the Prediction Performance of Medical Screening Tests” Department of Statistics and Actuarial Sciences, Simon Fraser University. Burnaby, BC May 2015
- “Area Under the ROC Curve and the Average Precision: A Closer Look” Department of Mathematics and Statistical Sciences, University of Alberta. Edmonton, AB September 2013

Conference Presentations (trainees underlined)

1. Smith T, Walker E, **Yuan Y**, Davis F, Megyesi J. What do patterns of “unclassified” brain tumors tell us about incidence rates of non-malignant brain tumors in Canada? Neuro-oncology SNO conference 2019, Nov 9. Neuro-Oncology (21) Supple_6:vi80, <https://doi.org/10.1093/neuonc/noz175.328> (Poster)
2. Lu Z, **Yuan Y**. This is Public Health. Edmonton, AB November 7, 2019. (Poster)
3. Fu X, **Yuan Y** This is Public Health. Edmonton, AB November 7, 2019. (Poster)
4. Walker EV, Girgis S, **Yuan Y**, Goodman KJ & The CANHelp Working Group. Community Driven Research in the Canadian Arctic: Investigating the Effect of Dietary Exposure to Methylmercury on Gastric Health Outcomes. World Indigenous Cancer Conference. Calgary, AB, Canada, September 19, 2019.
5. Paudel YR, Walker EV, Smith TR, **Yuan Y**, Nichols A, Davis FG. Estimating the Incidence Proportion of Brain Metastases at Diagnosis and Lifetime Incidence among Canadian Cancer Patients Diagnosed from 2010-2015 in Canada. Neuro-Oncology Advantages. 2019; 1:i19. (Society for NeuroOncology Conference on Brain Metastases, New York, United States, August 16, 2019)
6. Vu K, Erickson G, Bellinger C, Clark RA, Osornio-Vargas A, Zaïane O, Yuan Y. Combined Effect of Industrial Airborne Pollutants on Birth Outcomes in Alberta. AMMCS 2019. Waterloo, ON August 18-23, 2019 (Invited Oral).
7. Yuan Y, Zhou Q, Lu Z WNAR 2019. On the incremental value of proper scoring rules for prediction accuracy. Portland, OR June 23-26, 2019 (Invited Oral)
8. Clark RA, Vu NK, Lu Z, Yasui Y, Mostoufi-Moab S, Sklar CA, Howell R, Hudson MM, Gibson T, Oeffinger KC, Armstrong GT, Nathan P, Yuan Y. Predicting Acute Ovarian Failure in Female Childhood Cancer Survivors: A Report from the Childhood Cancer Survivor Study (CCSS). The North American Symposium on Late Complications after Childhood Cancer (NASLCCC). Atlanta, Georgia, USA. June 20 - 22, 2019. (Contributed Oral)

9. Maplethorpe E, Smith T, Walker E, Davis F, Yuan Y. Validation of Self-Reported Cancer Diagnosis by Site and Common or Rare Type. CSEB 2019. Ottawa, ON. May 13-15, 2019 (Contributed Oral)
10. Clark RA, Yuan Y. Evaluating Model Accuracy under a Sampling Frame for Time-to-Event Data. Statistical Society of Canada Annual Meeting 2019. Calgary, Alberta, Canada. May 26 - 29, 2019. (Contributed Oral)
11. Lu Z, Zhou M, Yuan Y. Incremental value of AUC, average positive predictive value and Scaled Brier Score: how do they compare. CSSC 2019. Calgary, AB May 25, 2019 (Contributed Poster)
12. Vu K, Zhou M, **Yuan Y**. Assessing Incremental Predictive Accuracy. WNAR 2018. Edmonton, AB June 24-26, 2018. (Contributed Oral)
13. Shulman L, Kong L, **Yuan Y**. Extending FPCA and JIVE to model trajectory data. WNAR 2018. Edmonton, AB June 24-26, 2018. (Contributed Oral)
14. Clark R, **Yuan Y**. Risk Prediction in the Presence of Competing Risks for Premature Menopause in Childhood Cancer Survivors. Canadian Society for Epidemiology and Biostatistics 2018 National Student Conference. Thunder Bay, Ontario. June 15-17, 2018. (Contributed Oral)
15. Clark R, **Yuan Y**. Risk Prediction of Nonsurgical Premature Menopause in Childhood Cancer Survivors. Statistical Society of Canada 2018 Annual Meeting. Montreal, Quebec. June 3-6, 2018. (Contributed Oral)
16. **Yuan Y**. A Summary Index of Prediction Accuracy for Censored Time to Event Data. 2018 Statistical Society of Canada annual meeting. Montreal, QC. June 3-6, 2018. (Invited Oral)
17. **Yuan Y**. CIHR and Statistical Science. 2018 Statistical Society of Canada annual meeting. Montreal, QC. June 3-6, 2018. (Invited Oral)
18. Clark R, **Yuan Y**. Risk Prediction in the Presence of Competing Risks for Premature Menopause in Childhood Cancer Survivors. 2018 Canadian Statistics Student Conference (CSSC). Montreal, Quebec. June 2, 2018. (Contributed poster)
19. **Yuan Y**. Pathways to brain tumor diagnosis and registration. 18th Biennial Canadian Neuro-Oncology Meeting. Banff, AB. May 10-12 2018. (Invited panel discussant)
20. Rydz A, Fu F, Drew M, Rumsey D, **Yuan Y**, Chan M. Quality of referral letters to pediatric rheumatology and its impact on access to care. Canadian Rheumatology Association Annual Scientific Meeting. Vancouver, BC. February 21- 24, 2018. (Contributed poster)
21. **Yuan Y**. Starting your research program. Early Career Researcher Meeting in conjunction with Canadian Cancer Research Conference, Vancouver, BC. Nov 4, 2017 (Invited panelist)
22. Clark R, **Yuan Y**. Examining the relationship between premature menopause in childhood cancer survivors and cancer treatment exposures. INSIGHTS 2017: Focus on Public Health. Edmonton, Alberta. November 2, 2017. (Oral Presentation)
23. Vu K, Clark R, **Yuan Y**. The novel measure Lift and its relationship to Relative Risk and Odds Ratio - Bridging the terminology gap between bioinformatics, data mining, and health research. INSIGHTS 2017: Focus on Public Health. Edmonton, Alberta. November 2, 2017. (Oral Presentation)
24. Clark R, **Yuan Y**. Examining the relationship between premature menopause in childhood cancer survivors and cancer treatment exposures. Women and Children's Health Research Institute (WCHRI) Research Day 2017. Edmonton, Alberta. October 25, 2017. (Contributed poster)

25. Clark R, **Yuan Y**. Risk factors for developing premature menopause in childhood cancer survivors and methods for building risk prediction models. The Campus Alberta Student Conference on Health (CASCH). Edmonton, Alberta. September 15 - 16, 2017. (Contributed poster)
26. Ross J, **Yuan Y**, Davis FG. Socioeconomic Status, Urban-Rural Residence, and Brain Cancer Survival in Canada:1996 – 2008. The Brain Tumor Epidemiology Consortium 2017 Annual Conference. Banff, AB June 27-29, 2017. (Oral presentation)
27. Che M, Kong L, Bell RC, **Yuan Y**. Modelling Trajectory of Gestational Weight: A Functional Principal Component Analysis Approach. 2017 Annual Meeting of Statistical Society of Canada, Winnipeg, MB June 11-14, 2017. (Oral presentation)
28. Chan M, Forgie E, Clark R, **Yuan Y**, Forbes K. Evaluation of the Impact of a Paediatric Gait, Arms, Legs and Spine (pGALS) Physical Examination Workshop on Third-Year Medical Students' Confidence in Performing Pediatric Musculoskeletal Examinations. Canadian Paediatric Society 94th Annual Conference. Vancouver, BC May 31- June 3, 2017. (Contributed poster) Paed Child Health 2017, 22 (suppl_1): e31-e32. doi: 10.1093/pch/pxx086.080
29. **Yuan Y**, Zhou Q, Li B, Cai H, Chow E, Armstrong G. A Threshold-Free Prospective Prediction Accuracy Measure for Censored Time to Event Data. 2017 Conference on Lifetime Data Science. Storrs, USA. May 25-27, 2017. (Invited talk)
30. Shen Y, Winget M, Dickinson J, **Yuan Y**. Quality Assurance Process Significantly Affects the Breast Cancer Screening Performance, 2017 Canadian Association for Health Services and Policy Research Conference. Toronto, ON May 24-26, 2017. (Oral presentation)
31. Rydz A, Fu F, Drew M, Rumsey D, **Yuan Y**, Chan M. Quality of Referral Letters to Pediatric Rheumatology and Its Impact on Access to Care, Pediatric Rheumatology Symposium, Houston, USA. May 17-20, 2017. (Contributed poster) *Arthritis Rheumatol.* 2017; 69 (suppl 4). <http://acrabstracts.org/abstract/quality-of-referral-letters-to-pediatric-rheumatology-and-its-impact-on-access-to-care/>.
32. Chan M, Clark R, **Yuan Y**, Forbes K. Evaluation of the impact of an innovative pediatric Gait, Arms, Legs and Spine (pGALS) physical examination workshop on third-year medical students. Council on Medical Student Education in Pediatrics (COMSEP) 2017 Annual Meeting. Portland, Oregon. March 29 – April 1, 2017. (Contributed poster)
33. Shulman L, Subhan F, Kong L, **Yuan Y**. Statistical Methods for Studying the Relationships between Body Fat and Weight Changes during Pregnancy. WCHRI Research Day. Edmonton, AB November 16, 2016. (Contributed poster)
34. Zhang T, Kong L, **Yuan Y**. New Robust Sparse Principal Component Analysis Method. Symposium of UARE and Mitacs Program. Edmonton, AB August 17, 2016. (Contributed poster)
35. Cai H, **Yuan Y**. Build Your Own R Package as Easy as Cooking A Soup. Symposium of UARE and Mitacs Program. Edmonton, AB July 6, 2016. (Contributed poster)
36. Ross J, **Yuan Y**, Shi Q, Davis FG. Urban-Rural Residence and Brain Cancer Survival in Canada: 1996-2008. The Brain Tumor Epidemiology Consortium 2016 Annual Conference. Barcelona, Spain June 21-23, 2016. (Oral presentation)
37. **Yuan Y**, Shi Q, Ross J, Davis FG. Conditional Survival after Diagnosis with Malignant Brain and Central Nervous System Tumours in Canada: 2 000-2008. The Brain Tumor Epidemiology Consortium 2016 Annual Conference. Barcelona, Spain June 21-23, 2016. (Oral presentation)
38. Ross J, **Yuan Y**, Shi Q, Davis FG. Urban-Rural Residence and Brain Cancer Survival in Canada: 1996-2008. 17th Biennial Canadian Neuro-Oncology Meeting. Toronto, ON June 9-11, 2016. (Contributed poster) *Canadian Journal of Neurological Sciences.* 2016, 43: 518-9. doi: 10.1017/cjn.2016.383

39. Munasinghe LL, Ekwaru JP, **Yuan Y**, Faught EL, Willows N, Veugelers PJ. Is Vitamin-D Supplementation among Canadian Children Necessary? The 4th International Vitamin Conference. Ingeniørhuset, Kalvebod Brygge, Copenhagen, Denmark May 24-27, 2016. (Contributed poster)
40. **Yuan Y**, Li B, Zhou Q. Threshold-free Prospective Prediction Accuracy Measure for Censored Time to Event Data. Annual Meeting of Eastern North American Region International Biometric Society. Austin, USA March 6-9, 2016. (Contributed poster)
41. Jarman M, **Yuan Y**, Pakseresht M, Robson P, Bell RC. Gestational Weight Gain in the Alberta Pregnancy Outcomes and Nutrition (APrON) Study - Comparisons with the Health Canada Guidelines. Canadian National Perinatal Research Meeting. Banff, AB February 10-13, 2016. (Oral presentation)
42. Che M, Kong L, Bell RC, **Yuan Y**. Machine-Learning Based Calibration for the Web-Based and Interviewer Administrated 24-Hour Food Recall. INSIGHTS '15, Edmonton, AB October 28, 2015. (Oral presentation)
43. Shen Y, Chiang B, **Yuan Y**. The Effect of False-Positive Breast Cancer Screening Results on Re-Screening Behaviours in Alberta. INSIGHTS '15, Edmonton, AB October 28, 2015. (Contributed poster)
44. Andres E, **Yuan Y**, Li M, Nagamuthu C, Ross J, Davis FG. Brain Cancer Survival Rates in Canada: An Analysis of Canadian Cancer Registry Data by Histology and Province, 1992-2008. The Canadian Society for Epidemiology and Biostatistics Conference. Toronto, ON June 1-4, 2015. (Contributed poster)
45. **Yuan Y**, Li M, Nagamuthu C, Davis FG. Brain Cancer Survival in Canada: An Analysis of Canadian Cancer Registry Data by Histology and Province, 1992-2008. Brain tumor epidemiology consortium 2015 annual conference, Rochester, USA June 2-4, 2015. (Oral presentation)
46. **Yuan Y**, Li M, Yang J, Winget M. Using Administrative Data to Estimate Time to Breast Cancer Diagnosis and Percent of Screen-Detected Breast Cancers – A Validation Study in Alberta, Canada. Canadian Centre for Applied Research in Cancer Control Conference, Montreal, QC May 24-25, 2015. (Oral presentation)
47. **Yuan Y**, Winget M, Li M, Yang J, Elliot T, Kelly D, Dickinson J, Fisher S. Population Based Analysis of Breast Cancer Diagnosis in Alberta. Canadian Centre for Applied Research in Cancer Control Conference, Montreal, QC May 24-25, 2015. (Contributed poster)
48. Winget M, **Yuan Y**, Li M, Yang J, Elliot T, Kelly D, Dickinson J, Fisher S. Factors Related to Time to Breast Cancer Diagnosis in Screen vs Symptom-detected Women in Alberta, Canada and Implications. 8th Annual Conference of the Ca-PRI Network, Aarhus, Denmark May 20-22, 2015. (Contributed poster)
49. Davis FG, Li M, Nagamuthu C, **Yuan Y**. Survival Rates among Canadian Patients with Primary Malignant Brain Tumors: An Analysis Based on Statistics Canada Data, 1992-2010. 19th Annual Meeting of the Society for Neuro-Oncology, Miami, USA. November 13-16, 2014. (Contributed poster)
50. Osnat W, DoMiNO project team: Aelicks N, Arbour L, Aziz K, Blagden P, Bowen S, Buka I, Chan E, ChandraS, Demers P, Erickson A, Hystad P, Kumar M, Li J, Nielsen C, Phipps E, Serrano J, Setton E, Shah P, Stieb D, Vilieneuve P, **Yuan Y**, Zaiane O, Osomio-Vargas A. Domino Project: Data Mining and Newborn Outcomes Exploring Environmental Variables. 2014 Conference of the International Society of Environmental Epidemiology. Seattle, USA August 24-28, 2014. (Contributed poster) <http://dx.doi.org/10.10289/ehp.isee2014>
51. Alam S, **Yuan Y**. Average Predictive Value - An Overall Measure for Evaluating the Prediction Performance of Classifiers. 42nd Annual Meeting of the Statistical Society of Canada, Toronto, ON May 26-28, 2014. (Oral presentation)
52. Yong J, Mohammad S, **Yuan Y**, Yasui Y. Efficacy Evaluation of Rare-Disease Controlled Trial. National Forum on Public Health, Edmonton, AB November 13, 2013. (Contributed poster)

53. Su W, **Yuan Y**, Zhu M. The ROC Curve and the Average Precision: A Close Look. 2013 Joint Statistical Meeting, Montreal, QC August 4- 8, 2013. (Contributed poster)
54. **Yuan Y**. Measuring the Performance of Medical Screening Tests: Average Precision. 15th Institute of Mathematical Science New Researchers Conference in Statistics and Probability, Montreal, QC Aug 1- 3, 2013. (Invited talk)
55. Urbanoski KA, **Yuan Y**, Wolfe J, Rush, BR Wild TC. Identified Motivation Moderates Effects of Legally-mandated Addiction Treatment on Time to Dropout. 5th International Self-Determination Theory Conference, Rochester, USA. June 27-30, 2013. (Oral presentation)
56. Winget M, Wong K, **Yuan Y**. Methods and Challenges in Evaluating Operational Programs: an Example from a Virtual Breast Patient Navigation Program. Canadian Centre for Applied Research in Cancer Control Conference. Vancouver, BC May 27, 2013. (Oral presentation)
57. Winget M, **Yuan Y**, Li M. Development of Methods to Evaluate the Pre-Diagnostic Breast Cancer Patient Trajectory Linking Existing Population-Level Databases. 6th Annual Conference of the Ca-PRI Network Personalizing Care along the Cancer Journey, Cambridge, UK. April 15-16, 2013. (Oral presentation)
58. Fortin M, **Yuan Y**, Battié MC. Factors Associated with Paraspinal Muscle Asymmetry in Size and Composition in A General Population Sample of Men. The International Society for the Study of the Lumbar Spine 2013 Meeting. Scottsdale, USA. May 13-17, 2013. (Contributed poster)
59. **Yuan Y**. Prediction Error Estimation with a Changing Covariates Distribution. 40th Annual Meeting of the Statistical Society of Canada, Guelph, ON June 2- 6, 2012. (Oral presentation)
60. **Yuan Y**. Predicting the Future: The Estimation of Prediction Error for Future Population When The Covariates Distribution Changes. 4th International IMS/ISBA Joint Meeting, Park city, USA. January 5-8, 2011. (Contributed poster)
61. **Yuan Y**. Estimation of the Prediction Error for Survival Models. 37th Annual Meeting of the Statistical Society of Canada, Vancouver, BC May 31-June 3, 2009. (Oral presentation)
62. **Yuan Y**. Measuring Prediction Performance of Survival Models. Modeling Risk Prediction Workshop. Banff International Research Station, Banff, AB March 7-8, 2009. (Invited talk)
63. **Yuan Y**. Estimation of Prediction Loss with Censored Survival Data. 35th Annual Meeting of the Statistical Society of Canada, St. John's, NF June 10-13, 2007. (Oral presentation)
64. Chen B, Xiong X, **Yuan Y**. Case study II: Growth of Atlantic Herring. 35th Annual Meeting of the Statistical Society of Canada, St. John's, NF June 10-13, 2007. (Oral presentation)
65. **Yuan Y**, Welch WJ, Chipman HA. Interpretability of Trees from High-throughput Screening Data. The 2004 Joint Statistical Meetings, Toronto, ON August 8-12, 2004. (Invited talk)
66. Qian J, Chapman JW, Axelrod DE, Miller NA, Christens-Barry WA, Lickley HLA, Fu Y, **Yuan Y**, Hanna WM. (2003) Sample Size Implications for Nuclear Assessment of Non-invasive Breast Cancer (DCIS). 31st Annual Meeting of the Statistical Society of Canada, Halifax, NS June 8-11, 2003. (Contributed poster)
67. **Yuan Y**, Welch WJ, Chipman HA. Interpretation of Classifiers of High Throughput Screening Data. International Biometric Society – Eastern North American Region (ENAR), Tampa, USA. March 30-April 2, 2003. (Invited talk)
68. Widowski TM, Gardner JM, **Yuan Y**. The Effect of Accommodating Sucking and Massage on the Behaviour of Artificially Reared Piglets. Proceedings of the 37th Congress of the International Society for Applied Ethology, (Ed.) V. Ferrante and the Scientific Committee, Abano Terme, Italy. 2003 pp:89. (Oral presentation)

69. Vandenberg C, **Yuan Y**, Widowski TM. The Preferences of Hens for High Intensity High Pressure Sodium or Low Intensity Incandescent Lighting. 35th International Congress of the International Society for Applied Ethology, Davis, USA. August 4-8, 2001. (Contributed poster)
70. **Yuan Y**, Charles D, Tauchi M, Zanella AJ. Effects of Segregated Early Weaning on Behavior and Adrenal Responses in Piglets. 33rd International Congress of the International Society for Applied Ethology, Lillehammer, Norway August 17-21, 1999. (Contributed poster)
71. Tauchi M, **Yuan Y**, Aulerich RJ, Zanella AJ. The Association between Genotype, Stereotypies and Fecal Steroids in Mink. 33rd International Congress of the International Society for Applied Ethology, Lillehammer, Norway August 17-21, 1999. (Contributed poster)
72. **Yuan Y**, Charles D, Tauchi M, Zanella AJ. Segregated Early Weaning Affects Behavior and Adrenal Responses in Pigs. American Society of Animal Science, Indianapolis, USA. July 21-23, 1999. (Oral presentation)

TRAINEES

Postdoctoral fellow 1

Thesis-based Graduate Students

Supervisor/co-supervisor: Total 12 (Completed: 6)

Supervisory committee: Total 9 (completed 8)

Examination committee: Total 15 (external 1)

Course-based Graduate Students Total 8 (Completed: 5)

Faculty advising for the master of public health program involves program planning, faculty supervision, and grading of the mandatory practicum placement and capstone project.

Undergraduate Interns Total 11 (Completed: 11)

Supervising summer undergraduate interns involves advising projects, selecting suitable candidates, and sometimes applying an available internship together with a student.

Research Staff Mentoring/Supervision Total 4 (current 1)

CLASSROOM TEACHING

Primary instructor

SPH 519 Biostatistics I (2015-2017)

SPH 619 Biostatistics II (2013-2017 & 2019-2021)

Guest instructor

SPH 719 Biostatistics III

KNOWLEDGE TRANSLATION

Risk calculator for Acute Ovarian Failure (2019): <https://ccss.stjude.org/aofcalc>. The companion paper is published in Lancet Oncology 2020; 21(3):436-445. doi.org/10.1016/S1470-2045(19)30818-6

APtools (2018 version 5.1): An R package implements the estimation of AP for binary and survival data. The methods paper for binary and survival data were published in 2015 and 2018. A SAS package is also made available for download from my homepage at UA: <https://sites.ualberta.ca/~yyuan/software.htm>

Harvest.Tree (2015): An R package submitted and verified by CRAN that implements the harvesting algorithm we developed. The method paper was published in 2012.

SERVICE

Canadian Partnership for Tomorrow's Health (CanPath) study Chair, Data Access committee 2020 – present
CanPath is the largest Canadian cohort study (<https://canpath.ca/>). It consists of 331,000+ participants across Canada.

CIHR College of Reviewers Summer 2017 - present

Steering Committee

Biostatistics Training Initiative, funded by the Ontario Institute for Cancer Research, 2015 - 2019

Conference Organizing Committee, Workshop and Conference Session Organizer

Interdisciplinary Data Analysis of High-Dimensional Multimodal Data. 2019 International Conference on Applied Mathematics, Modelling and Computational Science, Waterloo Aug. 18-23, 2019.

Advances in Statistical Prediction with Real World Applications. Annual Meeting of the International Chinese Statistical Association (Canada chapter), Kingston Aug. 9-11, 2019.

Statistical Issues in Biomarker and Drug Co-development. The Canadian Statistical Sciences Institute (CANSSI) and Ontario Institute for Cancer Research (OICR). Fields Institute, Toronto Nov. 7-8, 2014.

Statistical Society of Canada 2013 annual meeting in Edmonton. Local organizing committee. 2011 – 2013.

Grant Reviewer

- *Canadian Institutes of Health Research* 2019 Project grant Fall competition HS2 committee
- *Canadian Institutes of Health Research* 2017 Project grant Fall competition PH2 committee
- *Women and Children's Health Research Institute* Innovation grant committee 2017
- *Canadian Breast Cancer Foundation* 2016 Grant competition
- *Cancer Research UK* 2015
- *Natural Sciences and Engineering Research Council of Canada (NSERC)* 2011 Discovery Grant
- *Research Ethics Board*, University of Alberta 2015

Peer Reviewer (Journals served)

BMJ Open	Canadian Studies in Population	Quality in Health Care
Biostatistics	Cancer Epidemiology	Pediatric Blood & Cancer
The Biometrical Journal	Digital Medicine	Quantitative Research
Canadian Journal of Statistics	Epidemiology	Statistics in Medicine
CMAJ Open	International Journal for	

University of Alberta and School of Public Health Committees

University of Alberta General Faculties Council (2019 to present)

University of Alberta Academic Planning Committee (2019 to present)

University of Alberta Ethics Board (2019 to present)

University of Alberta Information Technology Advisory Committee (2014-2019)
SPH Faculty Evaluation Committee (2019 to present)
SPH Curriculum Approval Subcommittee (2017 to present)
SPH Awards Committee (2012-2017)
SPH Diversity and Inclusion Action Group (2016-2017)
SPH Wellness Committee (2013)

Other services

DataFest Judge 2019
AIHS Summer Studentship Adjudicator 2018
Election Committee – Biostatistics section, Statistics Society of Canada 2018
WUEST volunteer 2017
University of Alberta Undergraduate Research Day Judge 2018

MEDIA COVERAGE

Models for Predicting Acute Ovarian Failure in Survivors of Childhood Cancer. Feb 26, 2020. The ASCO (American Society of Clinical Oncology) post. <https://ascopost.com/news/february-2020/models-for-predicting-acute-ovarian-failure-in-survivors-of-childhood-cancer/>

TRAGICALLY WORSE: Does Ontario offer better survival odds than BC for brain cancer patients like Gord Downie? July 26, 2016, Vancouver Sun, on “Canadian brain cancer survival rates by tumour type and region: 1992-2008.” Published in *Canadian Journal of Public Health*. <http://vancouversun.com/news/staff-blogs/tragically-worse-does-ontario-offer-better-survival-odds-than-bc-for-brain-cancer-patients-like-gord-downie>

Using data to protect our future. *New Champions* (a monthly Chinese magazine). Oct. 2012. Page 52-55. Interview at Davos Annual World Economic Forum, Tianjin, China.