

Bo Chen

Department of Biostatistics
Princess Margaret Cancer Center

January 9, 2021

E-mail: bo.chen@uhnresearch.ca

Phone: 647-878-2879

Employment

- **Princess Margaret Cancer Center** Toronto, Canada
Postdoctoral Fellow in Department of Biostatistics 2018 -
– Supervisor: Wei Xu

Education

- **University of Toronto** Toronto, Canada
PhD in Statistics 2012 - 2019
– Supervisor: Radu V. Craiu and Lei Sun
- **University of Toronto** Toronto, Canada
MSc in Statistics 2011 - 2012
- **University of Toronto** Toronto, Canada
BSc 2008 - 2011
– Specialist in Statistics
– Major in Environmental Science

Publications

1. **Bo Chen**, Radu V. Craiu and Lei Sun (2020). Bayesian Model Averaging for the X-Chromosome Inactivation Dilemma in Genetic Association Study. *Biostatistics*, 21(2):319-335.
2. **Bo Chen**, Wei Xu (2020). Generalized Estimating Equation Modeling on Correlated Microbiome Sequencing Data with Longitudinal Measures. *PLoS Computational Biology*, 16(9):e1008108.
3. Katrina M. Ingley, Roberta Klein, Nicole Theobalds, Sally Burtenshaw, Albiruni R. Abdul Razak, **Bo Chen**, Wei Xu, Rebecca Gladly, Madeline Li and Abha A Gupta (2020). High prevalence of persistent emotional distress in desmoid tumor. *Psychooncology*, 29(2):311-320.
4. **Bo Chen**, Wei Xu. Functional Responses Regression Model for Correlated Longitudinal Microbiome Sequencing Data. Submitted to *Statistical Methods in Medical Research*.
5. **Bo Chen**, Radu V. Craiu Lisa J. Strug and Lei Sun. The X factor: A Robust and Powerful Approach to X-chromosome-Inclusive Whole-genome Association Studies. Submitted to *Statistics in Medicine*.

Conferences & Presentations

1. July 2018, Contributed talk, Joint Statistical Meetings, Vancouver.
2. April 2018, Poster presentation, Statistical Research Day, University of Toronto.
3. May 2017, Oral presentation, Dalla Lana School of Public Health, University of Toronto.
4. April 2017, Poster presentation, Statistical Research Day, University of Toronto.
5. October 2016, Poster presentation, International Genetic Epidemiology Society Meeting, Toronto.
6. May 2016, Contributed talk, Statistical Society Canada Annual Meeting, St. Catharines.
7. June 2015, Contributed talk, Statistical Society Canada Annual Meeting, Halifax.

Honors & Awards

- **Doctoral Completion Award**
University of Toronto 2016-2017
- **Faculty of Art and Science Fellowship**
University of Toronto 2012-2016
- **Tuition Fellowship**
University of Toronto 2012-2016
- **Teaching Assistant Award**
Department of Statistical Science, University of Toronto 2015

Teaching

- **Course Instructor**
Department of Statistical Science, University of Toronto 2016
– STA221 - The Practice of Statistics II
- **Teaching Assistant**
Department of Statistical Science, University of Toronto 2010 - 2017
– STA220 - The Practice of Statistics I
– STA221 - The Practice of Statistics II
– STA247 - Probability with Computer Applications
– STA257 - Probability and Statistics I
– STA261 - Probability and Statistics II
– STA286 - The Practice of Statistics
– STA302 - Methods of Data Analysis I
– STA304 - Surveys, Sampling and Observational Data
– STA2101 - Methods of Applied Statistics I
– STA2201 - Methods of Applied Statistics II