

Xiang Xing

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Education

University of Toronto 01/2010 – Present

- Major in statistics and computer science

China Agricultural University 09/2007–12/2009

- Major in Biochemistry

Research Experience

Research Assistant 05/2010 – Present

Bader Lab, Computational Network Biology
University of Toronto, Toronto, Canada

- WW domain prediction
- PDZ domain prediction

Research Assistant 05/2010 – Present

Statistical Analysis Facility, The Centre for Applied Genomics (TCAG)
The Hospital for Sick Children, Toronto, Canada

- Analyzed genetic analysis workshop (GAW17) data sets
- Analyze gene expression data sets

Awards

- Dean's List Scholar, Faculty of Arts and Science, University of Toronto, June 2011. The award is in recognition of academic excellence of an extraordinarily gifted group of young scholars in the Faculty.
- The third prize in National Chemistry Competition among provincial-wide Senior High School Students, 2006
- The third prize in National Applied Physics Competition among national-wide Junior High School Students, 2004.

Publications

1. Hu P, Xu W, Chen L, **Xing X**, Paterson AD (2010). Pathway-based joint effect analysis of rare genetic variants using GAW17 exom sequence data. *Proceedings of Genetic Analysis Workshop (GAW17)*, Boston, Massachusetts, USA, October 2010. (Journal version submitted).

2. Hu P, Muise AM, **Xing X**, Brumell JH, Silverberg MS, Xu W (2011) Pathway-based genetic risk prediction of inflammatory bowel disease. Submitted.

Computer Skills

- Python, C, JAVA, PHP
- Excel, Word, PowerPoint, Publisher
- SAS, Matlab, R
- SQL, XML, HTML