

Maxime Turgeon

CONTACT INFORMATION	4149 Ave Papineau Montréal, QC H2K 4K2	514-549-7726 maxime.turgeon@mail.mcgill.ca
RESEARCH INTERESTS	Statistical genetics, dimension reduction, high-dimensional data, kernel methods, semiparametric statistics	
EDUCATION	University McGill , Montréal, QC Ph.D., Biostatistics, <i>Expected</i> : Summer 2017 <ul style="list-style-type: none">• Thesis Topic: <i>Principal components of explained variance: A semiparametric approach</i>• Advisors: Celia M.T. Greenwood, Ph.D and Aurélie Labbe, Ph.D M.Sc., Mathematics, September 2013 <ul style="list-style-type: none">• Topic: <i>A relative fundamental lemma for $U(4)$</i>• Advisor: Jayce R. Getz, Ph.D University of Ottawa , Ottawa, ON B.Sc., Mathematics (Honours), April 2011 <ul style="list-style-type: none">• <i>Summa Cum Laude</i>• Topic: <i>Representation theory of p-adic algebraic groups</i>• Advisor: Monica Nevins, Ph.D	
RESEARCH EXPERIENCE	Research Assistant Department of Mathematics and Statistics, McGill University Supervisor: Jayce R. Getz, Ph.D	2011-2012
REFEREED JOURNAL PUBLICATIONS	<ol style="list-style-type: none">1. Wang, Y., Murphy, O., Turgeon, M., Wang, Z.Y., Bhatnagar, S.R., Schulz, J., and Moodie, E.E.M. “The perils of quasi-likelihood information criteria”, <i>Stat</i>, 4: 2015. doi:10.1002/sta4.952. Ahmad, O.S., Morris, J.A., Mujammami, M., Forgetta, V., Leong, A., Li, R., Turgeon, M., Greenwood, C.M.T., Thanassoulis, G., Meigs, J.B., Sladek, R., and Richards, J.B. “A Mendelian randomization study of the effect of type-2 diabetes on coronary heart disease” <i>Nature Communications</i>, 6: 2015. doi:10.1038/ncomms8060	
SUBMITTED JOURNAL PUBLICATIONS	<ol style="list-style-type: none">1. Turgeon, M., Oualkacha, K., Ciampi, A., Dehghan, G., Zanke, B.W., Benedet, A.L., Rosa-Neto, P., Greenwood, C.M.T., Labbe, A., for the Alzheimer’s Disease Neuroimaging Initiative. “Principal component of explained variance: an efficient and optimal data dimension reduction framework for association studies”. Submitted.	
SCHOLARSHIPS AND AWARDS	Travel Awards <ul style="list-style-type: none">• Ontario Baden-Württemberg Summer Research fellowship (\$3,500) Student Awards — McGill University <ul style="list-style-type: none">• FQRNT Doctoral Scholarship (\$20,000 per year)• McGill Graduate Excellence Award (\$10,000)• FQRNT Masters Scholarship (\$15,000 per year)• Thomlinson Masters’ Fellowship (\$5,500)	2010 2014-2016 2013-2014 2011-2013 2011-2012

	Student Awards — University of Ottawa	
	• Linis Scholarship (\$1,000)	2011
	• NSERC Undergraduate Summer Research Award (\$4,500 - declined)	2010
	• Dean of Science's Honour List	2008-2011
	• Admission Scholarship (\$2,500 per year, renewed twice)	2008-2011
	• Bourse de la Francophonie (\$2,500)	2008-2009
PRESENTATIONS	Statistical Meetings	
	• 4th Annual Human and Statistical Genetics Meeting, Vancouver, BC	Apr 2015
	McGill University	
	• Biostatistics Reading Group	Mar 2014, Feb 2015, Oct 2015
	Posters	
	• EBOH 50th anniversary conference, Montréal, QC	Apr 2015
	• 4th Annual Human and Statistical Genetics Meeting, Vancouver, BC	Apr 2015
	• Statistical Society of Canada Annual Meeting, Toronto, ON	May 2014
TEACHING EXPERIENCE	Teaching Assistant	
	<i>MATH240 - Discrete Structures</i>	Fall 2012, 2013
	Department of Mathematics and Statistics, University McGill	
	<i>MATH134 - Enriched Linear Algebra</i>	Fall 2012
	Department of Mathematics and Statistics, University McGill	
	<i>MATH141 - Calculus II</i>	Winter 2012, 2013
	Department of Mathematics and Statistics, University McGill	
	Grader	
	<i>EPID621 - Data Analysis in the Health Sciences</i>	Winter 2015
	Department of Epidemiology, Biostatistics, and Occupational Health, University McGill	
	<i>MATH236 - Algebra II</i>	Winter 2013
	Department of Mathematics and Statistics, University McGill	
	<i>MAT1541 - Introduction à l'algèbre linéaire</i>	Winter 2011
	Department of Mathematics and Statistics, University of Ottawa	
	Tutor	
	Mathematics and Statistics Help Center	Fall 2010
	Department of Mathematics and Statistics, University of Ottawa	
REVIEWING EXPERIENCE	Journals	
	• International Journal of Epidemiology	
	Conferences	
	• Canadian Society for Epidemiology and Biostatistics	Mar 2014
OTHER ACADEMIC ACTIVITIES	Epidemiology, Biostatistics and Occupational Health Student Society McGill University	Sep 2014 –
	• Representative for Biostatistics students	
	• Represent the student's perspective on various departmental committees	

Biostatistics Reading Group
McGill University

Sep 2014 –

- Co-organizer
- Invite faculty members and post-doctoral fellows to present their work

Review Committee for the Department of Pathology
McGill University

Mar 2013

- Representative for the Post-Graduate Students' Society
- Evaluate the academic, teaching, and clinical activities of the department
- Present report and recommendations to the McGill Senate

SOFTWARE

R packages:

- [pcev](#), also available on a [Github repository](#).

REFERENCES

Celia M.T. Greenwood

Senior Investigator

Phone: 514-340-8222 x8397

Centre for Clinical Epidemiology

E-mail: celia.greenwood@mcgill.ca

Lady Davis Institute

Associate Professor

Department of Oncology, Department of Epidemiology, Biostatistics and Occupational Health, and Division of Cancer Epidemiology

McGill University

Aurélien Labbe

Investigator

Phone: 514-398-5625

Douglas Mental Health University Institute

E-mail: aurelie.labbe@mcgill.ca

Associate Professor

Department of Epidemiology, Biostatistics and Occupational Health, and Department of Psychiatry

McGill University