
CONTACT INFORMATION	634 2nd St E Saskatoon SK S7H 1P4 Personal website: http://turgeonmaxime.github.io/	306-880-5085 maxime.turgeon@mail.mcgill.ca
RESEARCH INTERESTS	High-dimensional data, dimension reduction techniques, statistical genetics, kernel methods, semiparametric statistics, competing risk analysis, longitudinal data	
EDUCATION	University McGill , Montréal, QC Ph.D., Biostatistics, <i>Expected</i> : December 2016 <ul style="list-style-type: none">• Thesis Topic: <i>Principal component 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 Lady Davis Institute for Medical Research, Jewish General Hospital, Montréal, QC Supervisor: Celia M.T. Greenwood, Ph.D	2013–
	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. Turgeon, M., Oualkacha, K., Ciampi, A., Miftah, H., 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”. To appear in <i>Statistical Methods in Medical Research</i>.2. 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/sta4.953. 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	
PAPERS IN PREPARATION	<ol style="list-style-type: none">1. Turgeon, M., Bhatnagar, S.R., Saarela, O. “A novel approach to competing risk analysis using case-base sampling”.	

SCHOLARSHIPS AND AWARDS	Student Awards — McGill University	
	• Dr. Jim Hanley Research Day Award	2016
	• FQRNT Doctoral Scholarship (\$20,000 per year)	2014-2016
	• McGill Graduate Excellence Award (\$10,000)	2013-2014
	• FQRNT Masters Scholarship (\$15,000 per year)	2011-2013
	• Thomlinson Masters' Fellowship (\$5,500)	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	
Travel Awards		
• Ontario Baden-Württemberg Summer Research fellowship (\$3,500)	2010	
PRESENTATIONS	Invited presentations	
	• Maternal Adversity, Vulnerability, and Neurodevelopment (MAVAN) Methodology group, Montréal, QC	Mar 2016
	• Montreal Genomics Meeting, Montréal, QC	Dec 2015
	Contributed presentations	
	• Statistical Society of Canada Annual Meeting, St. Catherines, ON	May 2016
	• EBOH Annual Research Day, Montréal, QC	April 2016
	• 4th Annual Human and Statistical Genetics Meeting, Vancouver, BC	Apr 2015
	• Biostatistics Reading Group, Montréal, QC	Oct 2015
		Feb 2015, Mar 2014
	Poster presentations	
• 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	
	MATH323 - <i>Probability</i>	Winter 2016
	Department of Mathematics and Statistics, University McGill	
	MATH240 - <i>Discrete Structures</i>	Fall 2012, 2013
	Department of Mathematics and Statistics, University McGill	
	MATH134 - <i>Enriched Linear Algebra</i>	Fall 2012
	Department of Mathematics and Statistics, University McGill	
	MATH141 - <i>Calculus II</i>	Winter 2012, 2013
	Department of Mathematics and Statistics, University McGill	
	Grader	
EPIB621 - <i>Data Analysis in the Health Sciences</i>	Winter 2015	
Department of Epidemiology, Biostatistics, and Occupational Health, University McGill		
MATH236 - <i>Algebra II</i>	Winter 2013	
Department of Mathematics and Statistics, University McGill		

	MAT1541 - <i>Introduction à l'algèbre linéaire</i> Department of Mathematics and Statistics, University of Ottawa	Winter 2011
	Tutor Mathematics and Statistics Help Center Department of Mathematics and Statistics, University of Ottawa	Fall 2010
REVIEWING EXPERIENCE	Journals <ul style="list-style-type: none"> • International Journal of Epidemiology Conferences <ul style="list-style-type: none"> • Canadian Society for Epidemiology and Biostatistics Annual Meeting 	
OTHER ACADEMIC ACTIVITIES	Statistical Society of Canada - Case study competition Department of Epidemiology, Biostatistics and Occupational Health McGill University <ul style="list-style-type: none"> • Senior mentor to participating teams • Assist the competitors with the challenges involved in the competition Epidemiology, Biostatistics and Occupational Health Student Society McGill University <ul style="list-style-type: none"> • Representative for Biostatistics students • Represent the student's perspective on various departmental committees: <ul style="list-style-type: none"> • Programs committee • Biostatistics Programs Committee • Co-organize a departmental Methods Discussion Group Biostatistics Reading Group McGill University <ul style="list-style-type: none"> • Co-organizer • Invite faculty members and post-doctoral fellows to present their work Review Committee for the Department of Pathology McGill University <ul style="list-style-type: none"> • 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 	May 2016 Sep 2014 – Sep 2014 – Mar 2013
SOFTWARE	R packages: <ul style="list-style-type: none"> • <code>pcev</code>, implementing <i>Principal Component of Explained Variance</i>. • <code>casebase</code>, implementing case-base sampling for survival analysis. • <code>multiKernel</code>, implementing multivariate prediction using kernel-machine regression. • <code>rootWishart</code>, implementing exact computations of largest root distributions in single and double Wishart settings. 	

REFERENCES

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