

POSITIONS	Northwestern University	
	· Ralph Boas Assistant Professor (Current).	
EDUCATION	Université de Montréal , Montréal, Qc.	
	· Ph.D. in Mathematics (2015).	
	Topic: <i>Growth and nodal sets of Laplace eigenfunctions on Riemannian surfaces.</i>	
	Advisor: Iosif Polterovich.	
	· B.Sc. in Mathematics (2010).	
	Université de Sherbrooke , Sherbrooke, Qc.	
	· B.A. in Psychology (2004).	
RESEARCH INTERESTS	Spectral theory, analysis of partial differential equations. Growth and nodal sets of Laplace eigenfunctions, shape optimization of eigenvalues, nodal geometry of the biharmonic operator.	
PUBLICATIONS	<ul style="list-style-type: none"> · G. Roy-Fortin, <i>Average L^q growth and nodal sets of eigenfunctions of the Laplacian on surfaces</i>, (2015) Submitted, arXiv:1510.02376. · G. Roy-Fortin, <i>Nodal sets and growth exponents of Laplace eigenfunctions on surfaces</i>, <i>Analysis & PDE</i> 8-1 (2015), 223-255. · G. Poliquin, G. Roy-Fortin, <i>Wolf-Keller Theorem for Neumann Eigenvalues</i>, <i>Ann. Sci. Math. Québec</i> 36 (2012), 169-178. 	
AWARDS	<ul style="list-style-type: none"> · Carl Herz Prize. <i>Recognizes an important contribution in research made by a doctoral student.</i> Institut des Sciences Mathématiques (2015) · Excellence in Teaching Award (Lecturer) Université de Montréal (2015) · Serge Bissonnette Prize. <i>Awarded once a year to a Ph. D. student in mathematics; recognizes academic excellency, quality of research, leadership.</i> Université de Montréal (2014) · Excellence in Teaching Award (TA). Université de Montréal (2013) · Dean's list, Faculty of Arts and Sciences. Université de Montréal (2010) 	
GRANTS AND SCHOLARSHIPS	<ul style="list-style-type: none"> · FRQNT Mobility Scholarship. Hebrew University, Jerusalem (2015) · NSERC Alexander Graham-Bell CGS-D3 Scholarship. Université de Montréal (2012-2015) · FRQNT-D3 Scholarship (declined). Université de Montréal (2012) · NSERC Alexander Graham-Bell CGS-M Scholarship. Université de Montréal (2011) · FESP Direct access to Ph.D. grant. Université de Montréal (2010-2012) · Travel Grant (Rejsestipendium). Aarhus Universitet (2010) · MELS Mobility Grant. Aarhus Universitet (2009-2010) · ISM Research Grant Université de Montréal (2009) 	

TALKS	<ul style="list-style-type: none"> · Analysis Seminar, Northwestern University (2015) · Montreal Analysis Seminar, Université de Montréal (2015). · Harmonic Analysis and Differential Equations Seminar, University of Illinois, Urbana-Champaign (2015). · AMS Special Session on Geometric PDE. Loyola University, Chicago (2015). · Colloque de l'Institut des Sciences Mathématiques, <i>Plenary speaker</i>, HEC, Montreal (2015). · PDE and Applied Math Seminar, Technion, Haifa (2015). · Analysis Seminar, Northwestern University (2014). · Geometry and Topology Seminar, Dartmouth College (2014). · Séminaire d'analyse, Université Laval (2014). · Spectral Theory Seminar, McGill/Université de Montréal (2014). · Séminaire des étudiants gradués, Université de Montréal (2013). · Workshop on Eigenvalues of Laplace Operator, Université de Neuchâtel (2013). · Séminaire des étudiants gradués, Université de Montréal (2012) · Séminaire des étudiants gradués, Université de Montréal (2012). · Spectral Theory Seminar, McGill/Université de Montréal (2012). · Spectral Theory Seminar, McGill/Université de Montréal (2012). · Spectral Theory Seminar, McGill/Université de Montréal (2011). · Séminaire des étudiants gradués, Université de Montréal (2010).
CONFERENCES AND WORKSHOPS	<ul style="list-style-type: none"> · <i>AMS Special Session on Geometric PDE</i> Loyola University, Chicago (2015) · <i>Workshop on Spectral Theory of Laplace and Schrödinger Operators</i> BIRS, Banff (2013) · <i>Workshop on Eigenvalues of Laplace Operator</i> Université de Neuchâtel (2013) · <i>EWS-IAMP Summer School on Quantum Chaos</i> Erwin Schrödinger Institute, Vienna (2012) · <i>CRM - Géométrie des valeurs propres et des fonctions propres</i> Université de Montréal (2012) · <i>LMS-EPSRC Short Course on Spectral Analysis</i> University College, London (2011) · <i>NSF-CBMS Conference on Global Harmonic Analysis</i> University of Kentucky (2011)
REFeree	<ul style="list-style-type: none"> · Geometry and Topology
ORGANIZATION	<ul style="list-style-type: none"> · <i>Montreal Spectral Theory Seminar</i>, Co-organizer with I. Polterovich and D. Jakobson. (2014-...) · <i>Colloque des étudiants de l'ISM</i>, Organizing committee. (2011)
LANGUAGES	<ul style="list-style-type: none"> · French, English, German, Spanish, Danish. · Basics of Russian, Finnish.

TEACHING
EXPERIENCE

Instructor, Northwestern University.

- MAT224 - Integral Calculus of One-Variable Functions (W2016)
- MAT230 - Differential Calculus of Multivariable Functions (F2015)

Instructor, Université de Montréal.

- MAT1000 - Real Analysis I (2015)
- MAT1400 - Multivariable Calculus I (2013, 2014)
- MAT1923 - Integral Calculus (2014)

Teaching assistant, Université de Montréal.

- MAT2300 - Differential Geometry (Fall 2011, 2012, 2013)
- MAT2466 - Fourier Analysis (Fall 2011, 2012)
- MAT1000 - Analysis I (Winter 2010, 2013)
- MAT2050 - Analysis II (Winter 2011)
- MAT1410 - Multivariable Calculus II (Winter 2012)
- MAT19XX - Various calculus courses (2011-2014)