

# Antonio Páez

## PROFESSOR

School of Earth, Environment and Society  
McMaster University  
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## About this CV

This CV was created programmatically using the R statistical language, and it can be accessed here:  
<https://github.com/paezha/Official-CV/blob/master/awesomecv/paez-killam-cv.pdf>

## About Me

- I trained in civil engineering before being adopted into geography.
- My areas of interest include transportation, equity, justice, spatial analysis, spatial statistics, travel behavior, and cities.
- Also, too, mathematics, computer languages, science fiction, poetry, and memes.
- A 2024 global bibliometric analysis by Research.com of the most influential scholars in the social sciences and humanities (about 16,000 researchers) places me in the **top 3%** of scholars in the world.
- In 2024 I was recognized with the **Edward L. Ullman Award** of the Association of American Geographers for lifelong commitment and contributions to the field of transportation geography.
- In 2010 a research team I led was recognized with the **Meredith F. Burrill Award** of the Association of American Geographers for exceptional work at the intersection of policy and basic research in geography.

## Education

**Tohoku University**  
PHD

*Sendai, Japan*  
1997-2000

**Tohoku University**  
Thesis Title: Applied Statistical Analysis of Geographically Detailed Data with Emphasis on Spatial Effects  
M.Sc.

*Sendai, Japan*  
1995-1997

**Instituto Tecnológico y de Estudios Superiores de Monterrey**  
B.ENG.

*Monterrey, Mexico*  
1989-1993

## Current Status at McMaster

Full Professor in the School of Earth, Environment and Society since 2014. Tenured since 2007.

## Employment History

### ACADEMIC

**School of Earth, Society and Environment, McMaster University**  
PROFESSOR

*Hamilton, Canada*  
July 2014-present

**School of Geography and Earth Sciences, McMaster University**  
ASSOCIATE PROFESSOR

*Hamilton, Canada*  
July 2007-June 2014

**School of Geography and Geology, McMaster University**  
ASSISTANT PROFESSOR

*Hamilton, Canada*  
July 2002-June 2007

**Center for Northeast Asian Studies, Tohoku University**  
RESEARCH FELLOW-LECTURER

*Sendai, Japan*  
October 2000-March 2002

### INDUSTRY

Consultant (2015 - present) Environics Analytics, Toronto, Canada.

# Honours

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## SCIENTIFIC AWARDS

**Edward L. Ullman Award for outstanding contributions to the field of transportation geography**  
ASSOCIATION OF AMERICAN GEOGRAPHERS  
*United States*  
2024

**Outstanding Achievement Award in Humanities and Social Sciences Research (1st Prize)**  
SHAANXI SYSTEM OF UNIVERSITIES  
*China*  
2021

**Meredith F. Burrill Award for work of exceptional merit and quality at the intersection of basic research in geography and policy implications**  
ASSOCIATION OF AMERICAN GEOGRAPHERS  
*United States*  
2010

**Best Presentation Award**  
JAPAN SOCIETY OF CIVIL ENGINEERS  
*Japan*  
2002

**Visiting Professorships**  
K. Kawai, K. Miyamoto, V. Vichiensan, and Antonio Páez

**Universidad Politécnica de Madrid**  
VISITING PROFESSORSHIP  
*Spain*  
2008

## SCHOLARSHIPS

**Japanese Ministry of Science, Education and Culture (Monbusho)**  
GRADUATE SCHOLARSHIP  
*Japan*  
October, 1997-September, 2000

**Japanese Ministry of Science, Education and Culture (Monbusho)**  
GRADUATE SCHOLARSHIP  
*Japan*  
April, 1995-September, 1997

## TRAINEE HONOURS

**Elise Desjardins**  
TRANSPORTATION GEOGRAPHY SPECIALTY GROUP OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS  
*Winner, Master's Competition*  
2021

**Md Moniruzzaman**  
INTERNATIONAL TRANSPORTATION FORUM  
*Young Researcher Award*  
2016

**Md Moniruzzaman**  
CANADIAN INSTITUTES FOR HEALTH RESEARCH, INSTITUTE OF AGING  
*Age+ Prize*  
2014

**Md Moniruzzaman**  
WORLD CONFERENDE OF TRANSPORT RESEARCH SOCIETY  
*Ph.D. Prestige Grant*  
2013

**Md Moniruzzaman**  
TRANSPORTATION GEOGRAPHY SPECIALTY GROUP OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS  
*Winner, Master's Competition*  
2012

**Steven Farber**  
TRANSPORTATION GEOGRAPHY SPECIALTY GROUP OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS  
*Honorable Mention, Ph.D. Competition*  
2011

# Editorial Activities

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## EDITORSHIPS

**Editor-in-Chief**  
JOURNAL OF GEOGRAPHICAL SYSTEMS  
*January 2008-present*

**Associate Editor**  
PAPERS IN REGIONAL SCIENCE  
*November 2016-August 2019*

GUEST EDITORSHIPS

<b>Guest Editor</b> BECKY LOO, ANTONIO PÁEZ, LONG CHENG, JIAOE WANG	<i>Journal of Transport Geography</i> <i>Virtual Special Issue</i> 2022
<b>Guest Editor</b> Elderly's Mobility and the Living Environment FRANK GOETZKE, REGINE GERIKE, ANTONIO PÁEZ, ELENN A DUGUNDJI	<i>Transportation</i> 42 (5) 2015
<b>Guest Editor</b> Social Interactions in transportation: analyzing groups and spatial networks DARREN M. SCOTT, ELENN A DUGUNDJI, ANTONIO PÁEZ	<i>Journal of Transport Geography</i> 31 2013
<b>Guest Editor</b> The Social Dimension of Travel, Activity, and Location Choice Behavior ELENN A DUGUNDJI, DARREN M. SCOTT, JUAN A. CARRASCO, AND ANTONIO PÁEZ	<i>Environment and Planning A</i> 44 (5) 2012
<ul style="list-style-type: none"><li>Urban mobility and social-spatial interaction</li></ul> <b>Guest Editor</b> ELENN A R. DUGUNDJI, ANTONIO PÁEZ, THEO ARENTZE, JOAN L. WALKER	<i>Transportation Research Part A - Policy and Practice</i> 45 (4) 2011
<ul style="list-style-type: none"><li>Transportation and social interactions</li></ul> <b>Guest Editor</b> TIM SCHWANEN AND ANTONIO PÁEZ	<i>Journal of Transport Geography</i> 18 (5) 2010
<b>Guest Editor</b> The Mobility of Older People STEVEN FARBER AND ANTONIO PÁEZ	<i>The Canadian Geographer</i> 54 (1) 2010
<b>Guest Editor</b> Spatial Analysis in Canada ANTONIO PÁEZ	<i>Papers in Regional Science</i> 88 (2) 2009
<b>Guest Editor</b> Spatial analysis of economic systems and land use change ELENN A DUGUNDJI, ANTONIO PÁEZ, THEO ARENTZE	<i>Environment and Planning B</i> 35 (6) 2008
<ul style="list-style-type: none"><li>Social networks, choices, mobility, and travel</li></ul> <b>Guest Editor</b> ANTONIO PÁEZ	<i>Journal of Geographical Systems</i> 9 (1) 2007
<ul style="list-style-type: none"><li>Spatial Analysis of Urban Systems</li></ul> <b>EDITORIAL BOARDS</b>	
<b>Editorial Board Member</b> COMPUTERS, ENVIRONMENT, AND URBAN SYSTEMS	January 2012-December 2017
<b>Editorial Board Member</b> DECISION SUPPORT SYSTEMS	April 2014-March 2017
<b>Editorial Board Member</b> ECONOMIC AND BUSINESS LETTERS	January 2014-present
<b>Editorial Board Member</b> ENVIRONMENT AND PLANNING A	January 2010-December 2017
<b>Editorial Board Member</b> GEOGRAPHICAL ANALYSIS	2018-present
<b>Editorial Board Member</b> INGENIERÍA DE TRANSPORTE	2015-present
<b>Editorial Board Member</b> INTERNATIONAL JOURNAL OF GEOGRAPHIC INFORMATION SCIENCE	January 2019-present

<b>Editorial Board Member</b> JOURNAL OF TRANSPORT GEOGRAPHY	2018-present
<b>Editorial Board Member</b> OPEN ENVIRONMENTAL JOURNAL	January, 2008-May, 2012
<b>Editorial Board Member</b> OPEN GEOGRAPHY JOURNAL	January, 2008-May, 2012
<b>Editorial Board Member</b> OPEN URBAN STUDIES JOURNAL	January, 2008-May, 2012
<b>Editorial Board Member</b> PAPERS IN REGIONAL SCIENCE	January 2015-December 2020
<b>Editorial Board Member</b> TRANSPORTATION	January 2012-present

## Scholarly and Professional Activities

### JOURNAL REFEREE

#### 0.0.1 Number of Total Lifetime Reviews

333

#### 0.0.2 Number of Reviews in 2024

7

#### 0.0.3 Reviews-to-Publications per Year

Fig. 1 is a summary of journal reviews and publications per year. This is an indicator of my contributions to peer-reviewing relative to the demands my submissions put on peer-reviewers.

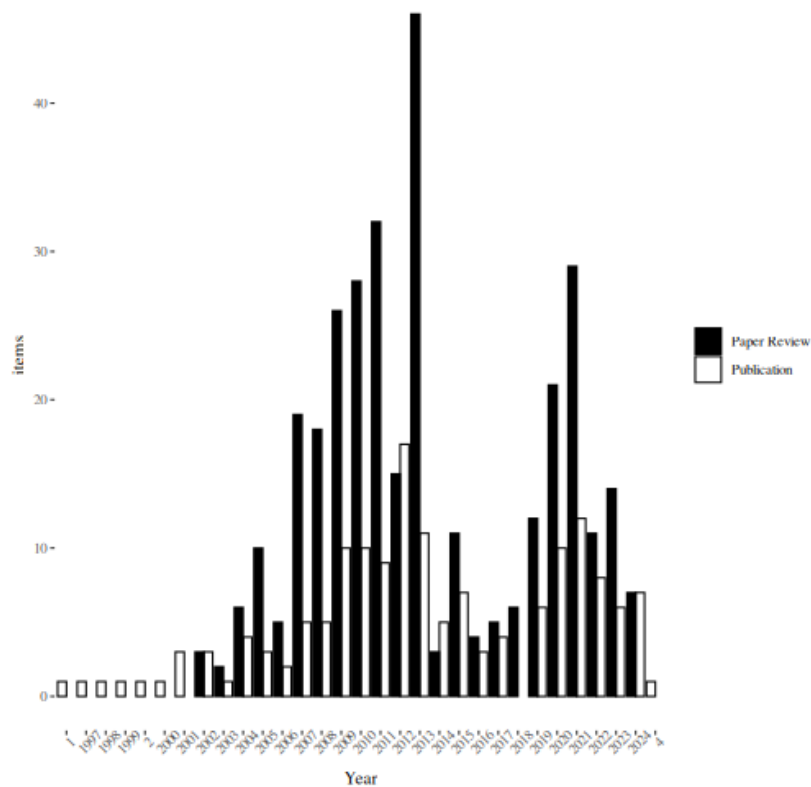


Figure 1: Reviews-to-publications by year

## Grant Reviews

### Executive Agency for Higher Education, Research, Development and Innovation Funding (Romania)

EXTERNAL REVIEWER

2024

Number of reviews: 5

### European Research Council (European Union)

PANEL MEMBER

2022

Number of reviews: 9

### Swiss National Science Foundation (Switzerland)

EXTERNAL REVIEWER

2015

Number of reviews: 1

### US National Science Foundation (USA)

EXTERNAL REVIEWER

2013

Number of reviews: 1

### Fonds Wetenschappelijk Onderzoek - Vlaanderen (Canada)

EXTERNAL REVIEWER

2012

Number of reviews: 1

### University of California Davis Sustainable Transportation Center (USA)

EXTERNAL REVIEWER

2012

Number of reviews: 1

### US National Science Foundation (USA)

EXTERNAL REVIEWER

2012

Number of reviews: 1

### Canada Research Chair Programme (Canada)

EXTERNAL REVIEWER

2011

Number of reviews: 1

### Fonds de recherche du Quebec Nature et technologies (Canada)

EXTERNAL REVIEWER

2011

Number of reviews: 1

### Natural Science and Engineering Research Council (Canada)

EXTERNAL REVIEWER

2011

Number of reviews: 1

### Swiss National Science Foundation (Switzerland)

EXTERNAL REVIEWER

2011

Number of reviews: 1

### University of California Davis Sustainable Transportation Center (USA)

EXTERNAL REVIEWER

2011

Number of reviews: 1

<b>US National Science Foundation (USA)</b> EXTERNAL REVIEWER	2011 Number of reviews: 1
<b>Hong Kong Health and Health Services Research Fund (Canada)</b> EXTERNAL REVIEWER	2010 Number of reviews: 1
<b>US National Science Foundation (USA)</b> EXTERNAL REVIEWER	2009 Number of reviews: 2
<b>US National Science Foundation (USA)</b> EXTERNAL REVIEWER	2008 Number of reviews: 1
<b>US National Science Foundation (USA)</b> EXTERNAL REVIEWER	2007 Number of reviews: 1
<b>Natural Science and Engineering Research Council (Canada)</b> EXTERNAL REVIEWER	2005 Number of reviews: 1
<b>US National Science Foundation (USA)</b> EXTERNAL REVIEWER	2005 Number of reviews: 1

## Areas of Interest

Spatial data analysis and statistics; transportation modeling; travel behavior; health geography; Geographic Information Systems.

## Teaching at a Glance

TOTAL NUMBER OF COURSES TAUGHT

Undergraduate: 55

Graduate: 18

TOTAL NUMBER OF STUDENTS

Undergraduate: 2,307

Graduate: 85

## Teaching (Details)

UNDERGRADUATE TEACHING

<b>Transportation Geography</b> TOTAL ENROLMENT: 80 STUDENTS	Times offered: 2 ENVSOCY 3LT3
<b>Applied Spatial Statistics</b> TOTAL ENROLMENT: 113 STUDENTS	Times offered: 3 ENVSOCY 4GA3
<b>Transport Policy</b> TOTAL ENROLMENT: 46 STUDENTS	Times offered: 3 ENVSOCY 4LP3
<b>Locational Analysis</b> TOTAL ENROLMENT: 492 STUDENTS	Times offered: 6 GEOG 2HA3
<b>Transportation and Economic Activity</b> TOTAL ENROLMENT: 415 STUDENTS	Times offered: 4 GEOG 2LI3
<b>Transportation Geography</b> TOTAL ENROLMENT: 284 STUDENTS	Times offered: 8 GEOG 3LT3
<b>Analysis of Transportation Systems</b> TOTAL ENROLMENT: 280 STUDENTS	Times offered: 6 GEOG 4D03
<b>Applied Spatial Statistics</b> TOTAL ENROLMENT: 186 STUDENTS	Times offered: 6 GEOG 4GA3
<b>Special Topics in GIS: Geodemographic Analysis</b> TOTAL ENROLMENT: 20 STUDENTS	Times offered: 1 GEOG 4GT3

<b>Transport Policy</b>	<i>Times offered: 7</i>
TOTAL ENROLMENT: 118 STUDENTS	<i>GEOG 4LP3</i>
<b>Analysis of Transportation Systems</b>	<i>Times offered: 4</i>
TOTAL ENROLMENT: 166 STUDENTS	<i>GEOG 4LT3</i>
<b>Advanced Topics in Spatial Analysis</b>	<i>Times offered: 5</i>
TOTAL ENROLMENT: 107 STUDENTS	<i>GEOG 4S03</i>
GRADUATE TEACHING	
<b>Reproducible Research Workflow</b>	<i>Times offered: 3</i>
TOTAL ENROLMENT: 23 STUDENTS	<i>GEO *712</i>
<b>Transport Policy and Elderly Mobility</b>	<i>Times offered: 1</i>
TOTAL ENROLMENT: 1 STUDENTS	<i>GEO *715</i>
<b>Discrete Choice and Policy Analysis</b>	<i>Times offered: 10</i>
TOTAL ENROLMENT: 54 STUDENTS	<i>GEO *738</i>
<b>Transport Policy</b>	<i>Times offered: 4</i>
TOTAL ENROLMENT: 7 STUDENTS	<i>GEOG 6LP3</i>
DIPLOMA-CERTIFICATE TEACHING	
<b>Advanced Topics in Spatial Analysis</b>	<i>Times offered: 3</i>
TOTAL ENROLMENT: 29 STUDENTS	<i>510-654</i>
<b>Major Project</b>	<i>Times offered: 3</i>
TOTAL ENROLMENT: 18 STUDENTS	<i>510-655</i>
<b>Applied Project</b>	<i>Times offered: 1</i>
TOTAL ENROLMENT: 2 STUDENTS	<i>510-657</i>

## Training of Highly Qualified Personnel

### SUPERVISION AT A GLANCE

Level	Program	Sole Supervisor	Co-supervisor	Withdrawn from Program
Doctoral	Geography	8	-	3
Doctoral	Civil Engineering	-	2	-
Doctoral	Economy	-	1	-
Master	Geography	10	5	1
Master	Public Health	1	1	-
Master	Civil Engineering	-	8	-
Master	Economy	-	4	-
Undergraduate	Civil Engineering	2	-	-
Undergraduate	Engineering and Society	9	1	-
Undergraduate	Geography	13	1	-
Undergraduate	Life Sciences	1	-	-
Undergraduate	Physics	1	-	-

### UNDERGRADUATE SUPERVISION

<b>Zibby Petch (McMaster University, Canada)</b>	<i>2010</i>
	<i>Civil Engineering</i>
<b>Karolina Krol (McMaster University, Canada)</b>	<i>2009</i>
	<i>Civil Engineering</i>
<b>Josh Arbess (McMaster University, Canada)</b>	<i>2021</i>
	<i>Engineering and Society</i>

<b>Josh Arbess (McMaster University, Canada)</b> CO-SUPERVISED WITH SANATHAN KASSIEDASS, SENIOR ADVISOR, INNOVATION AND NEW MOBILITY – METROLINX	2020 <i>Engineering and Society</i>
<b>Samuel Greg Smilski (McMaster University, Canada)</b>	2020 <i>Engineering and Society</i>
<b>Gabriela Tokarska (McMaster University, Canada)</b>	2013 <i>Engineering and Society</i>
<b>Mike McKnight (McMaster University, Canada)</b>	2012 <i>Engineering and Society</i>
<b>Alexander Eryuzlu (McMaster University, Canada)</b>	2009 <i>Engineering and Society</i>
<b>Adam Howell (McMaster University, Canada)</b>	2008 <i>Engineering and Society</i>
<b>Doug C. Sharpe (McMaster University, Canada)</b>	2006 <i>Engineering and Society</i>
<b>Justin M. Potalivo (McMaster University, Canada)</b>	2005 <i>Engineering and Society</i>
<b>Matt G. Sonnenberg (McMaster University, Canada)</b>	2005 <i>Engineering and Society</i>
<b>Subaita Refaaf (McMaster University, Canada)</b>	2021 <i>Geography</i>
<b>William Li (McMaster University, Canada)</b>	2019 <i>Geography</i>
<b>Dylan Ward (McMaster University, Canada)</b>	2019 <i>Geography</i>
<b>Ruikang Lin (McMaster University, Canada)</b>	2018 <i>Geography</i>
<b>Alexander Moriopoulous (McMaster University, Canada)</b>	2018 <i>Geography</i>
<b>Tyler Marr (McMaster University, Canada)</b>	2018 <i>Geography</i>
<b>Jill Scott (McMaster University, Canada)</b>	2017 <i>Geography</i>
<b>Bingjie Zhu (McMaster University, Canada)</b>	2017 <i>Geography</i>
<b>Emily Byford (McMaster University, Canada)</b>	2017 <i>Geography</i>
<b>Katelyn Penney (McMaster University, Canada)</b>	2015 <i>Geography</i>
<b>Katelyn Penney (McMaster University, Canada)</b>	2013 <i>Geography</i>
<b>Christine Fandrich (McMaster University, Canada)</b>	2012 <i>Geography</i>
<b>David Snell (McMaster University, Canada)</b>	2009 <i>Geography</i>
<b>Steve Gitao (McMaster University, Canada)</b> CO-SUPERVISED WITH PAVLOS KANAROGLOU	2005 <i>Geography</i>
<b>Nadhiyya Shabir (McMaster University, Canada)</b>	2021 <i>Life Sciences</i>



<b>Salvatore Vivona (McMaster University, Canada)</b>	2017 Physics
MASTER'S SUPERVISION	
<b>Mahdis Moghadasi (McMaster University, Canada)</b>	In Progress Geography
<b>Niloofer Nalae (McMaster University, Canada)</b>	2024 Geography
<b>Bruno Dias dos Santos (INPE, Brazil, Brazil)</b> CO-SUPERVISED WITH SILVANA AMARAL AND CAROLINA PINHO	2023 Geography
<b>John Merral (McMaster University, Canada)</b>	2021 Geography
<b>Elise Desjardins (McMaster University, Canada)</b>	2020 Public Health
<b>Sean Sears (McMaster University, Canada)</b>	2020 Geography
<b>Zoha Anjum (McMaster University, Canada)</b> CO-SUPERVISED WITH SARAH DICKSON AND CORINNE WALLACE	2019 Public Health
<b>Rodrigo Victoriano (Universidad de Concepcion, Chile)</b> CO-SUPERVISED WITH JUAN A. CARRASCO	2018 Civil Engineering
<b>Alvaro E. Toledo (Universidad de Concepcion, Chile)</b> CO-SUPERVISED WITH JUAN A. CARRASCO	2018 Civil Engineering
<b>Christine Fandrich (McMaster University, Canada)</b>	Withdrew from Program Geography
<b>Edivaldo C. Neves (Universidade Federal de Pernambuco, Brazil)</b> CO-SUPERVISED WITH TATIANE MENEZES	2013 Economy
<b>Mario Reyes (McMaster University, Canada)</b>	2013 Geography
<b>Sammara C. Soares (Universidade Federal de Pernambuco, Brazil)</b> CO-SUPERVISED WITH TATIANE MENEZES	2012 Economy
<b>Kristina Cimaroli (McMaster University, Canada)</b> CO-SUPERVISED WITH K. BRUCE NEWBOLD	2012 Geography
<b>Jarin Esita (McMaster University, Canada)</b>	2012 Geography
<b>Eduardo Barbosa (Universidade de Sao Paulo, Brazil)</b> CO-SUPERVISED WITH EDUARDO A. HADDAD	2011 Economy
<b>Cristian Bustos (Universidad de Concepcion, Chile)</b> CO-SUPERVISED WITH JUAN A. CARRASCO	2011 Civil Engineering
<b>Md Moniruzzaram (McMaster University, Canada)</b>	2011 Geography
<b>Kate Whalen (McMaster University, Canada)</b>	2011 Geography
<b>Nicolas M. Cespedes (Universidad de Concepcion, Chile)</b> CO-SUPERVISED WITH JUAN A. CARRASCO	2011 Civil Engineering
<b>Adam Drackley (McMaster University, Canada)</b> CO-SUPERVISED WITH K. BRUCE NEWBOLD	2010 Geography
<b>P.J. Saberton (McMaster University, Canada)</b> CO-SUPERVISED WITH K. BRUCE NEWBOLD	2010 Geography
<b>Ana Maria Bonomi Barufi (Universidade de Sao Paulo, Brazil)</b> CO-SUPERVISED WITH EDUARDO A. HADDAD	2010 Economy

<b>Ivy Dam (McMaster University, Canada)</b> CO-SUPERVISED WITH DARREN M. SCOTT	2009 <i>Geography</i>
<b>Natalia Andrea Ruminot Villegas (Universidad de Concepcion, Chile)</b> CO-SUPERVISED WITH JUAN A. CARRASCO	2009 <i>Civil Engineering</i>
<b>Felipe Antonio Sanhueza Cardenas (Universidad de Concepcion, Chile)</b> CO-SUPERVISED WITH JUAN A. CARRASCO	2009 <i>Civil Engineering</i>
<b>Julien Bonin (McMaster University, Canada)</b>	2008 <i>Geography</i>
<b>Fei Long (McMaster University, Canada)</b>	2006 <i>Geography</i>
<b>Kenji Kawai (Tohoku University, Japan)</b> CO-SUPERVISED WITH KAZUAKI MIYAMOTO	2002 <i>Civil Engineering</i>
<b>Eri Yamada (Tohoku University, Japan)</b> CO-SUPERVISED WITH KAZUAKI MIYAMOTO	2001 <i>Civil Engineering</i>
DOCTORAL SUPERVISION	
<b>Bruno Dias dos Santos (McMaster University, Canada)</b>	<i>In Progress</i> <i>Geography</i>
<b>Anastasia Soukhov (McMaster University, Canada)</b>	<i>In Progress</i> <i>Geography</i>
<b>Elise Desjardins (McMaster University, Canada)</b>	<i>In Progress</i> <i>Geography</i>
<b>Fernando Romero (Universidad Politecnica de Madrid, Spain)</b> CO-SUPERVISED WITH JOSÉ MANUEL VASALLO	2020 <i>Civil Engineering</i>
<b>Kate Whalen (McMaster University, Canada)</b>	2020 <i>Geography</i>
<b>Tatiana Ferrari Kolodin (Universidade Federal de Minas Gerais, Brazil)</b> CO-SUPERVISED WITH PEDRO AMARAL	2019 <i>Economy</i>
<b>Faten Almjlad (McMaster University, Canada)</b>	<i>Withdrew from Program</i> <i>Geography</i>
<b>Li He (McMaster University, Canada)</b>	2016 <i>Geography</i>
<b>Md Moniruzzaram (McMaster University, Canada)</b>	2014 <i>Geography</i>
<b>Mario Reyes (McMaster University, Canada)</b>	<i>Withdrew from Program</i> <i>Geography</i>
<b>Daniel Del Bianco (McMaster University, Canada)</b>	<i>Withdrew from Program</i> <i>Geography</i>
<b>Lucia Mejia (Universidad Politecnica de Madrid, Spain)</b> CO-SUPERVISED WITH JOSÉ MANUEL VASALLO	2011 <i>Civil Engineering</i>
<b>Steven Farber (McMaster University, Canada)</b>	2010 <i>Geography</i>
<b>Ruben Mercado (McMaster University, Canada)</b>	2007 <i>Geography</i>

## Supervisory Committees (All are doctoral unless otherwise noted) \_\_\_\_\_

Ricardo Lourenco Barros (McMaster University; 2022-) Understanding vegetation dynamics with satellite observations and Explainable Artificial Intelligence (XAI)

Samira Hamidetehrani (McMaster University; 2020-) User Preferences and Intentions Regarding Shared Automated Vehicles in Canadian Metropolitan Areas

Christina Borowiec (McMaster University; 2019-) Active travel

Shaila Jamal (McMaster University; 2023) Generational differences in travel behavior

Jeremy Gabriel (McMaster University; 2023) Strata analysis

Elnaz Abotalebi (McMaster University; 2019) Consumer stated preferences survey for electric cars

Wade Genders (McMaster University; 2018) Deep Reinforcement Learning Adaptive Traffic Signal Control

Randy Bui (McMaster University; withdrew from program) Understanding Network Robustness and Critical Roadway Links in the Greater Toronto and Hamilton Area under Short-Term Disruption

Nazila Roofigari-Esfahan (McMaster University; 2016) A Framework for Spatio-Temporal Uncertainty-Aware Scheduling and Control of Linear Projects

Arash Olia (McMaster University; 2016) Modelling and Assessment of the Transportation Potential and Impacts of Connected and Automated Vehicles

Chris Higgins (McMaster University; 2015) A Value Planning Framework for Predicting and Recapturing the Value of Rapid Transit Infrastructure

Matthew Adams (McMaster University; 2015) Advancing the use of mobile monitoring data for air pollution modelling

Scott Bennett (McMaster University; 2015) Safer walking routes to school: applied and methodological geographies of child pedestrian injury

Sarah Dickin (McMaster University; September 2014) Mapping vulnerability to water-related infectious disease: an ecosystem approach

Ron Dalumpines (McMaster University; July 2014) Route choice analysis in time-geographic perspective

Kathleen Deutsch (University of California Santa Barbara; June 2013) Sense of place and travel behavior

Andrew Clarke (McMaster University; January 2013) Understanding determinants of active travel

Xudong Liu (McMaster University; withdrew from program in 2011) Integrating firmography in urban models

Jia Yang (McMaster University; withdrew from program in 2011) Modeling firm survival

Renilson Rodriguez da Silva (Universidade de Sao Paulo; completed: March 2011) Accessibility and development in the Amazon region (with Danilo Iglioni)

Jamie E.L. Spinney (McMaster University; completed: September 2010) Geography, Land Values, and Municipal Taxation: A Spatial Paradigm for the Estimation and Reclamation of Rent

Kelsey MacCormack (McMaster University; completed: July 2010) Delineation of subsurface gravel units beneath the Dundas Valley, Ontario

Theodora Pouliou (McMaster University; completed: September 2009) Individual and Socio-Environmental Determinants of Obesity in Canada

Hejun Kang (McMaster University; completed: August 2008) Intra-households interactions and travel behavior

Dimitris Potoglou (McMaster University; completed: April 2006) Potential demand for alternative fuelled vehicles in the City of Hamilton CMA

## Research and Other Funding

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### FUNDING AT A GLANCE

The funding total of all projects that I have been part of is CAD 5,562,694. The total in research grants from various organizations, including the Canadian Institutes of Health Research (CIHR), the Natural Sciences and Engineering Research Council of Canada (NSERC), and the Social Sciences and Humanities Research Council of Canada (SSHRC) is CAD 5,545,610. I have also been the recipient of several grants to improve teaching practice, to the total of CAD 8,810. And, I have received numerous travel grants, amounting to CAD 8,274.

My personal share of these funds to date amounts to CAD 1,127,448. The distribution of these funds for research, teaching, and travel, and from various organizations, can be seen in Fig. 2.

DETAILED FUNDING

<b>McMaster University, International Initiatives Micro Fund, Canada</b> ACTIVE SUSTAINABLE TRANSPORTATION: BARRIERS TO CYCLING AMONG UNIVERSITY STUDENTS	CAD 5,000 2024
<b>Arts and Research Board McMaster University, Canada</b> CONFERENCE GRANT	CAD 1,700 2024
<b>McPherson Institute McMaster University Libraries, Canada</b> PUBLICATION AND EVALUATION OF THE EFFECTIVENESS OF AN OPEN-SOURCE BOOK TO TEACH SPATIAL STATISTICS	CAD 4,932 2021-2022
<b>Social Sciences and Humanities Research Council, Canada</b> MOBILIZING JUSTICE	CAD 2,498,195 2020-2025
<b>Social Sciences and Humanities Research Council, Canada</b> CHILDREN’S INDEPENDENT MOBILITY ENVIRONMENTS (CHIME)	CAD 296,830 2020-2025
<b>McMaster Interdisciplinary Research Fund, Canada</b> EXAMINING TRAFFIC SAFETY CHALLENGES OF OLDER PEDESTRIANS IN CANADA	CAD 42,000 2018-2019
<b>Social Sciences and Humanities Research Council, Canada</b> DO CLOSED SCHOOLS MEAN DISAPPEARING VALUE? EXPLORING THE DECAPITALIZATION OF EDUCATION IN NEIGHBOURHOOD HOUSE PRICES IN HAMILTON	CAD 49,705 2017-2018
<b>Labrage Optimal Aging Initiative, Canada</b> TECHNOLOGY FOR OPTIMAL AGING: AN EXPLORATORY STUDY OF THE EFFECTS OF AUTOMOBILE INNOVATIONS ON THE LIVED EXPERIENCE OF OLDER DRIVERS, THEIR MOBILITY, AND SOCIAL POLICY	CAD 50,449 2014-2015
<b>McMaster University, Canada</b> INCENTIVE FUNDING	CAD 5,000 2014
<b>Natural Sciences and Engineering Research Council, Canada</b> CRITICAL INFRASTRUCTURE: EVALUATING THE EFFECT OF NETWORK TOPOLOGY AND AUTOCORRELATION	CAD 95,000 2011-2016
<b>Canadian Institutes of Health Research, Canada</b> ENHANCING THE MOBILITY AND HEALTH OF OLDER ADULTS	CAD 25,000 2011
<b>Canadian Institutes of Health Research, Canada</b> WALK THE TALK: TRANSFORMING THE BUILT ENVIRONMENT TO ENHANCE MOBILITY IN SENIORS	CAD 1,500,000 2010-2016
<b>Canadian Institutes of Health Research, Canada</b> CANADA’S BLOOD FUTURES: GEOGRAPHY, DEMOGRAPHIC CHANGE, AND THE SUPPLY AND DEMAND OF BLOOD IN CANADA	CAD 240,723 2010-2013
<b>Social Sciences and Humanities Research Council, Canada</b> PARKS, SHOPS, AND FRIENDS: HOW DO THE BUILT AND SOCIAL ENVIRONMENTS INFLUENCE TRAVEL BEHAVIOR?	CAD 91,550 2010-2012
<b>Arts and Research Board McMaster University, Canada</b> CONFERENCE GRANT	CAD 1,326 2010

- PI: Antonio Páez; team size: 1 researchers

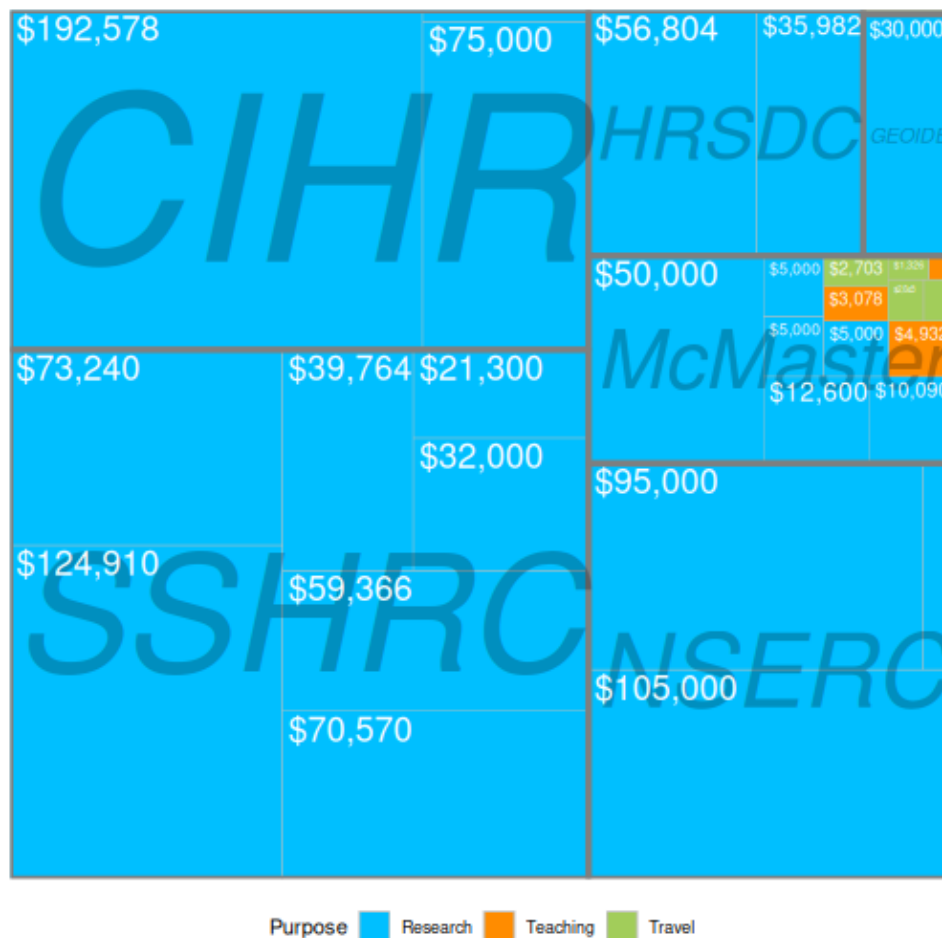


Figure 2: My share of research funds by source

<b>Human Resources and Social Development Canada, Canada</b> UNDERSTANDING THE TRANSPORTATION SITUATION OF CANADIAN ADULTS WITH DISABILITIES: IDENTIFYING BARRIERS FOR ADULTS WITH DISABILITIES WHO TRAVEL LOCALLY AND LONG-DISTANCE PI: Antonio Paez; team size: 3 researchers	CAD 35,982 2009
<b>Social Sciences and Humanities Research Council, Canada</b> UNDERSTANDING BARRIERS TO PARTICIPATION IN SPORT AND OTHER PHYSICAL ACTIVITIES PI: Antonio Paez; team size: 3 researchers	CAD 106,500 2008-2011
<b>Centre for Leadership in Learning McMaster University, Canada</b> DEVELOPING A WEB-BASED SURVEY TO COLLECT STUDENT TRAVEL BEHAVIOR INFORMATION PI: Darren M. Scott; team size: 2 researchers	CAD 800 2008
<b>North American Regional Science Council, US</b> TRAVEL GRANT PI: Antonio Paez; team size: 1 researcher	USD 500 2008
<b>Human Resources and Social Development Canada, Canada</b> SPATIAL MISMATCH IN CANADIAN COMMUNITIES: THE SOCIO-ECONOMIC OUTCOMES OF TRANSPORTATION INFRASTRUCTURE AND ACCESS PI: Antonio Paez; team size: 4 researchers	CAD 56,804 2008
<b>Social Sciences and Humanities Research Council, Canada</b> BLOOD DONOR RESEARCH: INDIVIDUAL DETERMINANTS AND GEOGRAPHICAL PROFILE OF BLOOD DONORS PI: Antonio Paez; team size: 5 researchers	CAD 40,000 2007-2008
<b>Arts and Research Board McMaster University, Canada</b> CONFERENCE GRANT PI: Antonio Paez; team size: 3 researchers	CAD 2,045 2007
<b>Social Sciences and Humanities Research Council, Canada</b> SOCIAL INFLUENCE ON TRAVEL BEHAVIOR: A CASE STUDY OF THE DECISION TO TELECOMMUTE PI: Antonio Paez; team size: 1 researcher	CAD 88,212 2005-2007
<b>Natural Sciences and Engineering Research Council, Canada</b> INTERNATIONAL WORKSHOP FRONTIERS IN TRANSPORTATION: SOCIAL AND SPATIAL INTERACTIONS PI: Antonio Paez; team size: 2 researchers	CAD 8,660 2005
<b>Arts and Research Board McMaster University, Canada</b> CONFERENCE GRANT PI: Antonio Paez; team size: 4 researchers	CAD 2,703 2005
<b>McMaster University, Canada</b> INCENTIVE FUNDING PI: Antonio Paez; team size: 1 researchers	CAD 5,000 2004
<b>Centre for Leadership in Learning McMaster University, Canada</b> USING SPREADSHEETS AND GRAPHICS TO IMPROVE MATHEMATICAL INTUITION IN GEOGRAPHICAL PROBLEM SOLVING: THE CASE OF LOCATIONAL ANALYSIS PI: Antonio Paez; team size: 1 researcher	CAD 3,078 2004
<b>Natural Sciences and Engineering Research Council, Canada</b> MODELING CONTINUOUS-SPACE CONTEXTUAL EFFECTS IN TRANSPORTATION SYSTEMS PI: Antonio Paez; team size: 1 researcher	CAD 105,000 2003-2007
<b>Geomatics for Informed Decisions (GEOIDE), Canada</b> TRANSPORTATION IMPLICATIONS OF CANADA'S AGING SOCIETY PI: Antonio Paez; team size: 1 researcher	CAD 150,000 2003-2004
<b>McMaster University, Canada</b> START-UP FUNDS PI: Darren M. Scott; team size: 6 researchers	CAD 50,000 2002

- PI: Antonio Paez; team size: 1 researchers

## Research Impact

Fig. 3 gives a summary of my research impact according to Google Scholar. As of Jun, 2024, my research has been cited a total of 12,162 times, and my h-index is 57. The i10-index indicates that 130, or approximately 79% of my publications have been cited ten times or more.

The impact of my work can also be appreciated by the breadth of the fields in which it is cited. According to Web of Science (Fig. 4), my research is cited by scholars in numerous disciplines, notably in Transportation, Environmental Science/Studies, Geography, Economics, and Urban Studies. My publications have been cited by researchers in more than a 100 countries; as seen in Fig. 6, most citations to my work are by researchers in the United States, China, Canada, England, and Spain.

Lastly, my work has contributed to inform research that aligns with the United Nations Sustainable Development Goals (see Fig. 5), particularly goals 11:Sustainable Cities And Communities, 03:Good Health And Well Being, 13:Climate Action, 15:Life On Land, and 16:Peace And Justice Strong Institutions.

Combined with the level of funding described above, the cost-effect of my research is approximately CAD 7,274 per peer-reviewed article (not counting book chapters, edited books, or books). To put this number in context, this is equivalent to 55% of a one-year graduate research assistantship at my institution. In terms of impact, the cost-effect of my research is CAD 93 per citation.

## Research Output

It is conventional in my fields of expertise to list authors in order of their contributions. The first and second authors are credited with doing a majority of the work. The exception to this general rule is when the last author is the senior author and has provided, in addition to other contributions, supervisory support to the rest of the team.

### AT A GLANCE

Table 2 provides some key information about my publication record. In addition to the items listed there, I am co-editor of 3 edited books. Fig. 7 maps the relationship between key topics in my peer-reviewed publications, based on keywords of the documents. Fig. 8 maps my international research collaborations.

Table 2: Bibliography at a glance

Type	No. of Items	Mean No. Authors	Max. No. Authors	Single Author	First Author	Second Author	Senior Author	Other Author
Books	1	2.00	2	0 (0%)	1 (100%)	0 (0%)	0 (0%)	0 (0%)
Book chapters	9	3.00	4	1 (11%)	4 (44%)	2 (22.22%)	2 (22.22%)	0 (0%)
Peer reviewed articles	155	3.35	7	12 (8%)	34 (22%)	61 (39%)	31 (20%)	17 (11%)

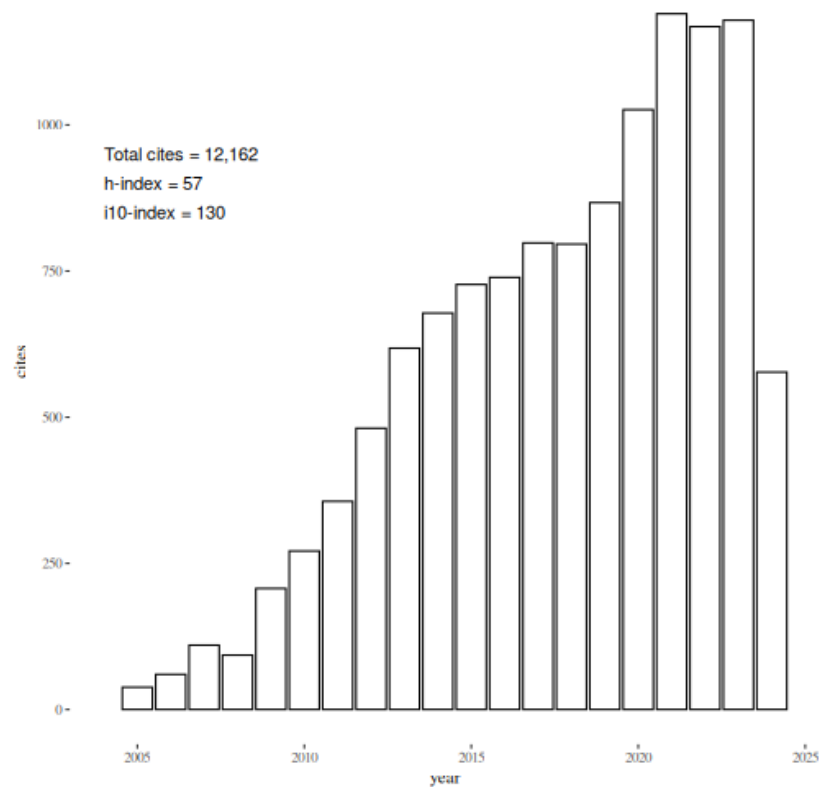


Figure 3: Citations per year (data from Google Scholar)

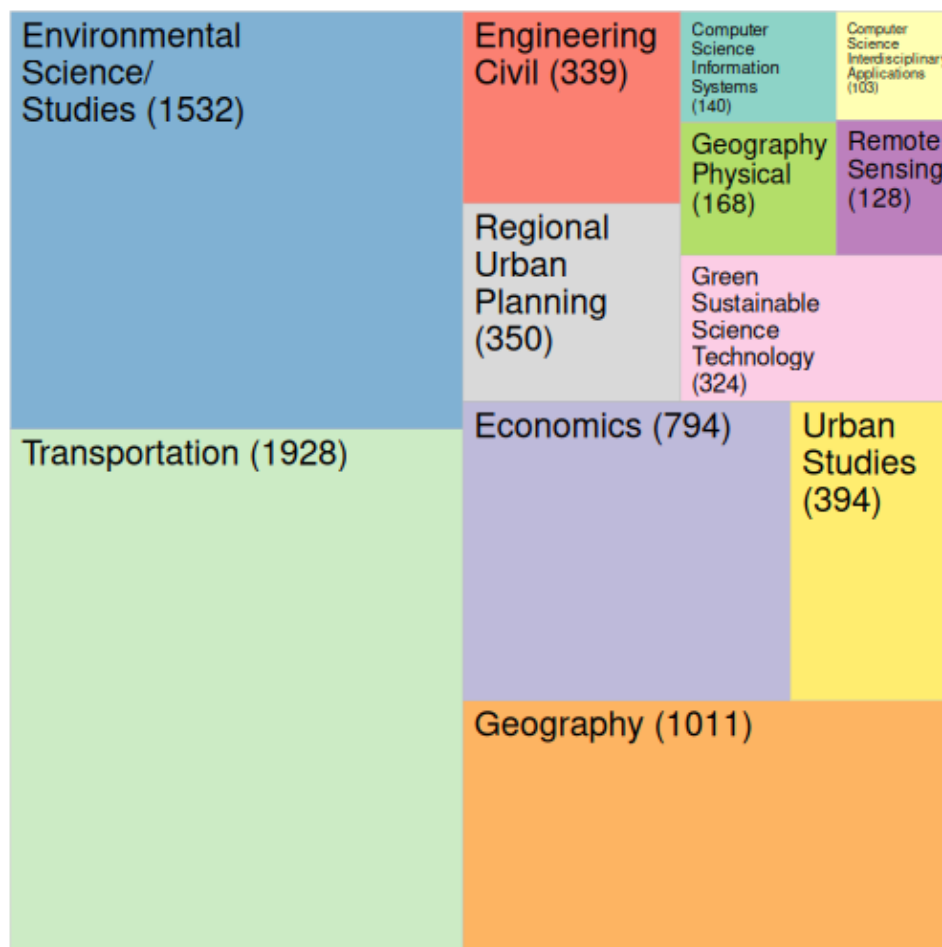


Figure 4: Citations by field (data from Web of Science)



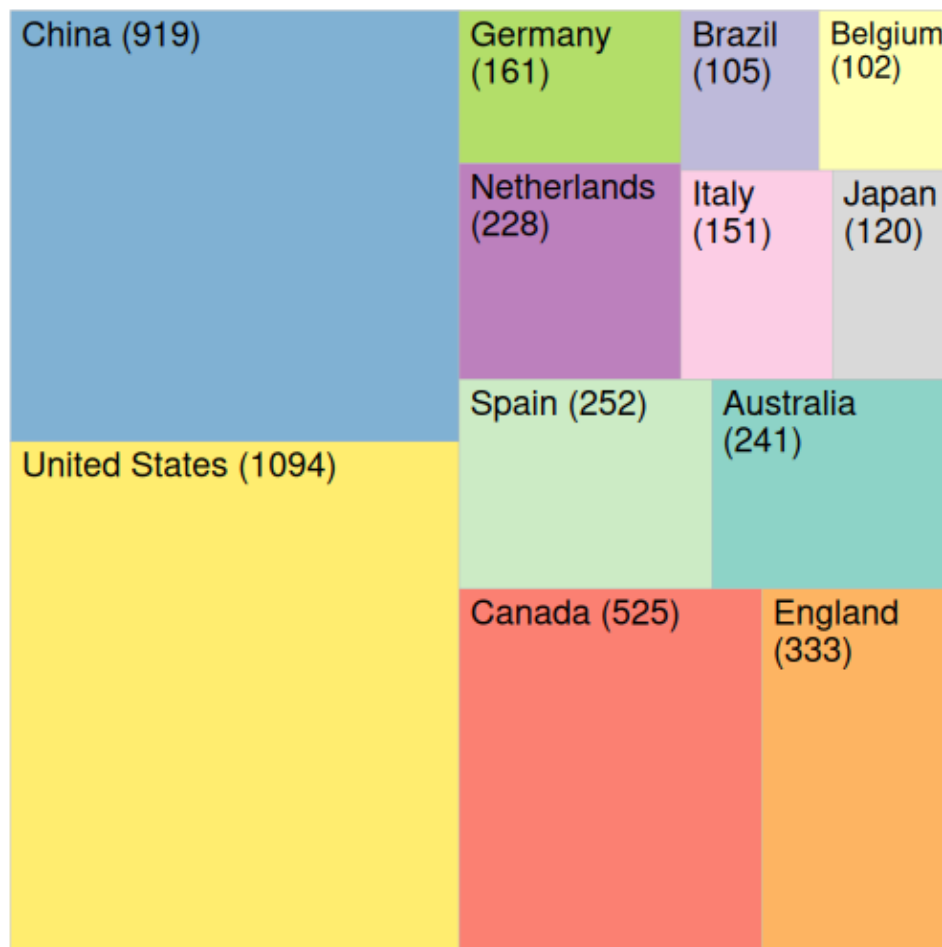


Figure 5: Citations by country (data from Web of Science)

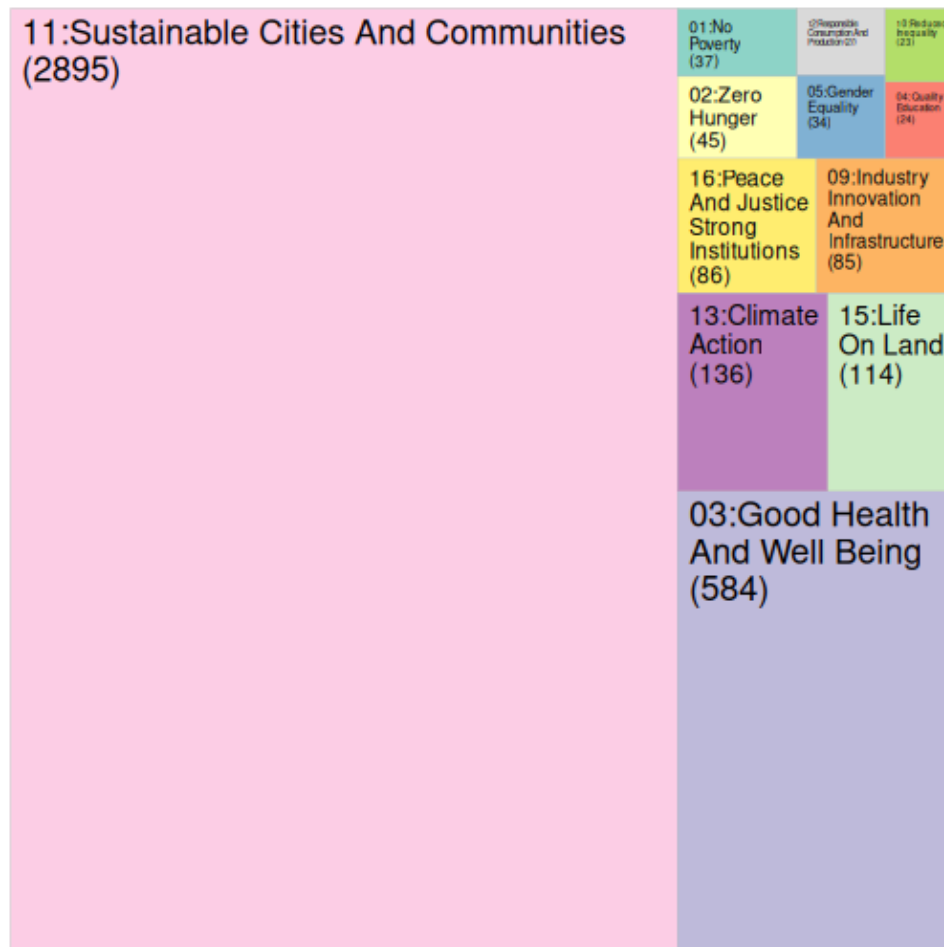


Figure 6: Citations by Sustainable Development Goal (data from Web of Science)

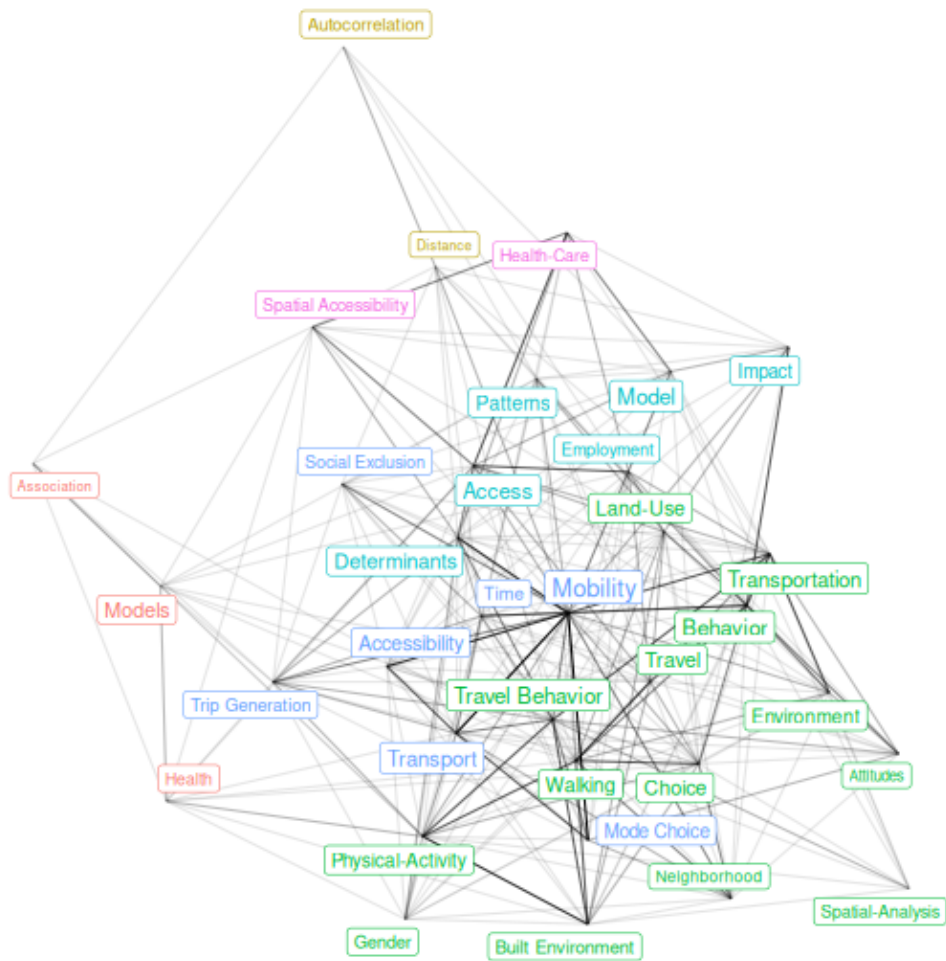


Figure 7: Key topics in my peer-reviewed publications

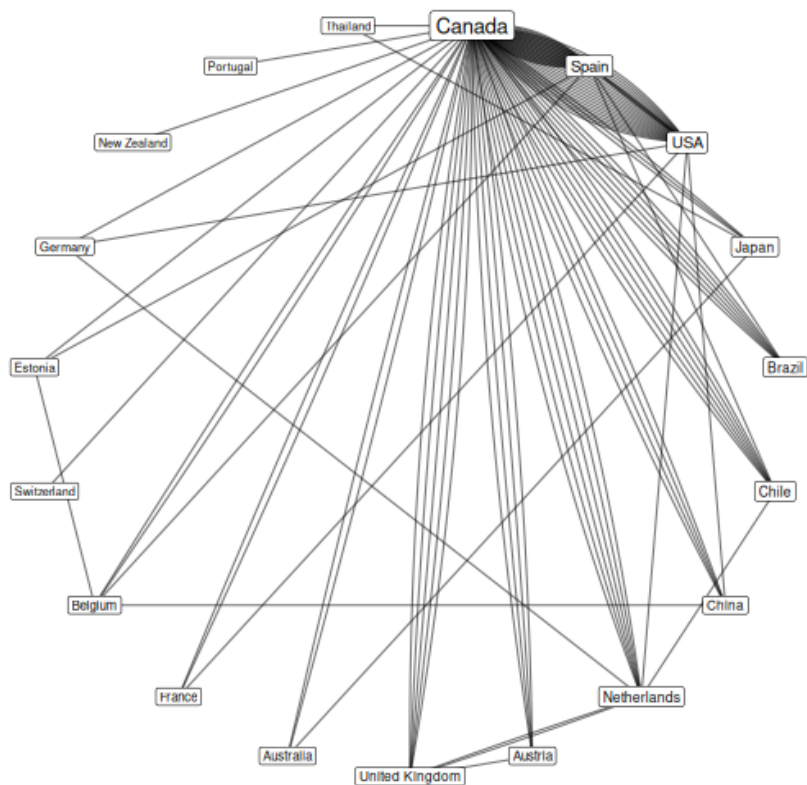


Figure 8: International collaborations

## BOOKS

1. Páez, A., & Boisjoly, G. (2023). *Discrete choice analysis with R*. Springer Cham. <https://doi.org/10.1007/978-3-031-20719-8>

## EDITED BOOKS

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3. Páez, A., Gallo, J., Buliung, R. N., & Dall'ërba, S. (2009). *Progress in spatial analysis: Methods and applications*. Springer Science & Business Media.

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9. Páez, A., & Wheeler, D. C. (2009). *Geographically weighted regression* (pp. 407–414). [www.scopus.com](http://www.scopus.com)

## PEER-REVIEWED JOURNAL ARTICLES (PUBLISHED)

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2. Desjardins, E., Lam, J., Reynard, D., Collins, D., Waygood, E. O. D., & Páez, A. (2024). Framing active school travel in Ontario, or how spinach is good for you. *Transportation Research Part A: Policy and Practice*, 180, 103953. <https://doi.org/10.1016/j.tra.2024.103953>
3. Soukhov, A., Tarriño-Ortiz, J., Soria-Lara, J. A., & Páez, A. (2024). Multimodal spatial availability: A singly-constrained measure of accessibility considering multiple modes. *PLOS ONE*, 19(2), e0299077. <https://doi.org/10.1371/journal.pone.0299077>
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14. Whalen, K., & Páez, A. (2022). Reliability of the reflective learning framework for assessing higher-order thinking in geography and sustainability courses [Journal Article]. *Journal of Geography*, 121(1), 18–33. <https://doi.org/10.1080/00221341.2021.2003848>
15. Sears, S., Moataz, M., Ferguson, M., Razavi, S., & Páez, A. (2022). Perceived barriers to the movement of goods in Canada: A grounded theory investigation [Journal Article]. *Transportation Research Part A: Policy and Practice*, 162, 27–45. <https://doi.org/10.1016/j.tra.2022.05.011>
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148. Black, J. A., Páez, A., & Suthanaya, P. A. (2002). Sustainable urban transportation: Performance indicators and some analytical approaches [Journal Article]. *Journal of Urban Planning and Development*, 128(4), 184–209. [https://doi.org/10.1061/\(asce\)0733-9488\(2002\)128:4\(184\)](https://doi.org/10.1061/(asce)0733-9488(2002)128:4(184))
149. Páez, A., Uchida, T., & Miyamoto, K. (2001). Spatial association and heterogeneity issues in land price models [Journal Article]. *Urban Studies*, 38(9), 1493–1508. <https://doi.org/10.1080/00420980120076768>
150. Páez, A., & Suzuki, J. (2001). Transportation impacts on land use change: An assessment considering neighborhood effects. *Journal of the Eastern Asia Society for Transportation Studies*, 4(6), 47–59.
151. Páez, A., Miyamoto, K., Yamada, E., & Kitazume, K. (2001). Transportation network and accessibility analysis in Eastern Asia based on a geographical information system. *Journal of the Eastern Asia Society for Transportation Studies*, 4(6), 221–225.
152. Páez, A., Uchida, T., & Miyamoto, K. (2000). Spatial economic externalities and coordinated land use-transportation planning [Conference Proceedings]. *9th International Conference of the Cooperation for the Continuing Development of Urban and Suburban Transportation*, 649–655.
153. Páez, A., Uchida, T., & Miyamoto, K. (1999). A spatial analysis of external economies and its association with transportation infrastructure: The case of Sendai City. *Journal of the Eastern Asia Society for Transportation Studies*, 3(4), 149–164.
154. Páez, A., Uchida, T., & Miyamoto, K. (1998). Urbanization and the urban heat island effect from a spatial descriptive approach. *Papers on City Planning*, 33, 67–72.
155. Miyamoto, K., Sugiki, N., Uchida, T., & Páez, A. (1997). A GIS based land-use model dealing with building types by small unit of land in a metropolitan area. *Journal of the Eastern Asia Society for Transportation Studies*, 2, 1943–1959.

#### PEER-REVIEWED JOURNAL ARTICLES (ACCEPTED FOR PUBLICATION IN FINAL FORM)

1. Jamal, S., & Páez, A. (2023). Well-being implications of immobility during COVID-19: Evidence from a student sample in Bangladesh using the satisfaction with life scale [Journal Article]. *Transportation*. <https://doi.org/10.1007/s11116-023-10395-z>

#### PEER-REVIEWED JOURNAL ARTICLES (SUBMITTED FOR PUBLICATION)

1. Tavakoli, Z., Abdollahi, S., Waygood, O., Páez, A., & Geneviève, B. (2024). Developing a framework for children's accessibility considering traffic danger: A case study in montreal, canada [Journal Article]. *Transportation Research Part D: Transport and Environment*.
2. Tavakoli, Z., Abdollahi, S., Waygood, O., & Páez, A. (2024). "Where Do Children Go?" Exploring Children's Daily Destinations with Children, Parents, And Experts [Journal Article]. *Urban Planning*.
3. Soukhov, A., Higgins, C. D., Mohamed, M., & Páez, A. (2024). School closures and consolidations: The active travel and emission implications of reduced accessibility [Journal Article]. *Spatial Networks and Economics*.
4. Ruiz Marín, M., López, F. A., Páez, A., Debarsy, N., & Ertur, C. (2024). A test for global and local homogeneity of categorical data based on spatial runs [Journal Article]. *Geographical Analysis*.
5. Elizondo-Candanedo, R., Arranz-López, A., Soria-Lara, J., & Páez, A. (2024). When e-activities meet spatial accessibility: A theoretical framework and empirical space-time thresholds for simulated spatial settings [Journal Article]. *Journal of Transportat Geography*.

#### PEER-REVIEWED CONFERENCE PRESENTATIONS

1. Santos, B. D. dos, Azevedo, M. N. de, Kanzato, L. A. B., Pinho, C. M. D. de, Paez, A., & Amaral, S. (2023). CBERS-4A IMAGERY FOR MAPPING URBAN LAND COVER IN THE AMAZON. *Proceedings of the Anais Do XX Simpósio Brasileiro de Sensoriamento Remoto, Florianópolis, Brazil*, 2169–2172.
2. Santos, B. dos, Amaral, S., Pinho, C. M. D. de, & Paez, A. (2023). Adapting socioeconomic indicators and identifying intra-urban typologies in santarém—PA. *Proceedings of the Anais Do XX Simpósio Brasileiro de Sensoriamento Remoto, Florianópolis, Brazil*, 1941–1944.
3. Santos, B. D. dos, Amaral, S., Paez, A., & Pinho, C. M. D. de. (2023). A GEOGRAPHICAL DATABASE FOR EVICTIONS AND THREATS OF INVOLUNTARY URBAN EVICTIONS PATTERNS. *Proceedings of the Anais Do XX Simpósio Brasileiro de Sensoriamento Remoto, Florianópolis, Brazil*, 1866–1869.
4. Dam, I., Scott, D., Paez, A., & Wilton, R. (2010). Exploring factors underlying the decision to telework. *89th Annual Meeting of the Transportation Research Board*.
5. Moniruzzaman, M., Chudyk, A., Paez, A., Winters, M., Sims-Gould, J., & McKay, H. (2015). Travel behavior of low income older adults and development of an accessibility calculator. *94th Annual Meeting of the Transportation Research Board*.
6. Moniruzzaman, M., Paez, A., & Morency, C. (2014). Potential contributions of walking toward physical activity guidelines of seniors. *93rd Annual Meeting of the Transportation Research Board*.
7. Farber, S., Bartholomew, K., Li, X., Paez, A., & Khandker, N. (2014). Social equity in distance-based transit fares. *93rd Annual Meeting of the Transportation Research Board*.
8. Reyes, M., Paez, A., & Morency, C. (2013). Accessibility to urban parks in montreal from the perspective of children. *92nd Annual Meeting of the Transportation Research Board*.
9. Paez, A., Lopez, F., Ruiz, M., & Morency, C. (2013). Development of indicator to assess spatial fit of discrete choice models. *92nd Annual Meeting of the Transportation Research Board*.
10. Whalen, K., Paez, A., Bhat, C., Moniruzzaman, M., & Paleti, R. (2012). Street networks, mode of travel, and sense of community in a university town. *91st Annual Meeting of the Transportation Research Board*.
11. Paez, A., Trepanier, M., & Morency, C. (2012). Modeling isoexposure to transit users for market potential analysis. *91st Annual Meeting of the Transportation Research Board*.
12. Paez, A., Moniruzzaman, M., Bourbonnais, P., & Morency, C. (2012). Developing a web-based accessibility calculator prototype for the greater montreal area, canada. *91st Annual Meeting of the Transportation Research Board*.
13. Moniruzzaman, M., & Paez, A. (2012). From meso-scale analysis to micro-scale environments: A model-based approach to select case sites for conducting walkability audits. *91st Annual Meeting of the Transportation Research Board*.
14. Paez, A., Trepanier, M., & Morency, C. (2011). Identifying commercial partners for non-fare policies based on the use of transit smart cards: Geodemographic analysis of montreal metro. *90th Annual Meeting of the Transportation Research Board*.
15. Paez, A., & Farber, S. (2011). Recreation and leisure by persons with disabilities: Analysis of transportation factors based on canada's participation activity limitation survey. *90th Annual Meeting of the Transportation Research Board*.
16. Mejia, L., Dorantes, Paez, A., & Vasallo, J. (2011). Transportation infrastructure impacts on firm location: The effect of a new metro line in the suburbs of madrid. *90th Annual Meeting of the Transportation Research Board*.

17. Ruminot, N., Paez, A., & Carrasco, J. (2010). Network topology, autocorrelation, and node vulnerability. *89th Annual Meeting of the Transportation Research Board*.
18. Mercado, R., Paez, A., Farber, S., Roorda, M., & Morency, C. (2010). Journey-to-work in urban areas: Explaining travel mode choice of low-income persons in ontario and quebec. *89th Annual Meeting of the Transportation Research Board*.
19. Mejia, L., Dorantes, Vasallo, J., & Paez, A. (2010). Analyzing the economic impact of a new metro line in house prices: Madrid line 12 case study. *XVI Pan-American Conference of Traffic and Transportation Engineering and Logistics*.
20. Mejia, L., Dorantes, Paez, A., & Vasallo, J. (2010). Assessment of the influence due to a new metro line on the promotion of business activities around stations: A case study of metrosur in madrid. *12th World Conference for Transport Research*.
21. Farber, S., Paez, A., Mercado, R., Roorda, M., & Morency, C. (2010). Transport and social exclusion: A time-use investigation of shopping participation in three canadian cities. *89th Annual Meeting of the Transportation Research Board*.
22. Farber, S., & Paez, A. (2010). Employment status and commute distance of canadians with disabilities. *89th Annual Meeting of the Transportation Research Board*.
23. Roorda, M., Paez, A., Morency, C., Mercado, R., & Farber, S. (2009). Trip generation of vulnerable populations in three canadian cities: A spatial ordered probit approach. *88th Annual Meeting of the Transportation Research Board*.
24. Ribeiro, A., Antunes, A., & Paez, A. (2009). Road accessibility and economic development: Empirical evidence from portugal based on spatial econometric models. *88th Annual Meeting of the Transportation Research Board*.
25. Paez, A., Mercado, R., Farber, S., Morency, C., & Roorda, M. (2009). At the intersection between opportunities and travel: Development of a new indicator of relative accessibility. *88th Annual Meeting of the Transportation Research Board*.
26. Paez, A., Habib, H., & Bonin, J. (2009). A joint ordinal-continuous model for activity episode generation and duration analysis. *88th Annual Meeting of the Transportation Research Board*.
27. Morency, C., Paez, A., Roorda, M., Mercado, R., & Farber, S. (2009). Social and spatial dimensions of distance traveled in three canadian metropolitan areas. *88th Annual Meeting of the Transportation Research Board*.
28. Kanaroglou, P., Mercado, R., Maoh, H., Paez, A., Scott, D., & Newbold, K. (2008). Policy simulation framework for analyzing elderly mobility issues using IMPACT decision support system. *87th Annual Meeting of the Transportation Research Board*.
29. Kanaroglou, P., Maoh, H., Newbold, K., Scott, D., & Paez, A. (2008). Demographic model for small-area population projections: Application to census metropolitan area of hamilton in ontario. *87th Annual Meeting of the Transportation Research Board*.
30. Farber, S., & Paez, A. (2008). Automobility and social activity participation: Preliminary analysis using data from a u.s. city. *87th Annual Meeting of the Transportation Research Board*.
31. Mercado, R., Paez, A., & Newbold, K. (2007). Benchmarking transport policy in an ageing society in the ontario province, canada. *11th World Conference for Transport Research*.
32. Mercado, R., & Paez, A. (2007). Mobility of canadian elderly: Multilevel analysis of distance traveled in the hamilton CMA, ontario, canada. *86th Annual Meeting of the Transportation Research Board*.
33. Kanaroglou, P., Mercado, R., Maoh, H., Paez, A., Scott, D., & Newbold, K. (2007). Simulating the impact of population aging on urban transportation infrastructure: An application to hamilton, canada. *11th World Conference for Transport Research*.
34. Vichiensan, V., Paez, A., Kawai, K., & Miyamoto, K. (2006). Non-stationary interpolation method for urban model development. *85th Annual Meeting of the Transportation Research Board*.
35. Mercado, R., Paez, A., Newbold, K., Scott, D., & Kanaroglou, P. (2006). Transport policy in ageing societies: An international comparison and implications for canada. *85th Annual Meeting of the Transportation Research Board*.
36. Paez, A., & Scott, D. (2005). Social influence and the decision to telecommute: A simulation example. *84th Annual Meeting of the Transportation Research Board*.
37. Paez, A., Potoglou, D., Scott, D., Kanaroglou, P., & Newbold, K. (2005). The spatial analysis of trip generation: A case study of the hamilton CMA. *10th Conference on Computers in Urban Planning and Urban Management*.
38. Paez, A. (2004). Development of a binary probit model for continuous-space contextual effects. *10th World Conference for Transport Research*.

39. Vichiensan, V., Paez, A., & Miyamoto, K. (2003). Improvement of data accuracy in urban modeling by nonstationary interpolation method. *9th Conference on Computers in Urban Planning and Urban Management*.
40. Paez, A. (2003). Spatial statistics for urban analysis: A review of new techniques with examples. *9th Conference on Computers in Urban Planning and Urban Management*.
41. Paez, A., Suthanaya, P., & Black, J. (2001). A spatial analysis of transportation mode-specific journey-to-work commuting preferences: Implications for sustainable transport policies. *9th World Conference for Transport Research*.

## NON-PEER-REVIEWED CONFERENCE PRESENTATIONS

Number of lifetime non-peer-reviewed conference presentations is 103.

## Knowledge Mobilization Activities

### Applied accessibility analysis using FOSS

TRANSPORTATION SERVICES, CITY OF TORONTO

Toronto, Canada

May 28-2024

### Creating Programmatic CVs with R

SCHOOL OF EARTH, ENVIRONMENT AND SOCIETY, MCMASTER UNIVERSITY

Hamilton, Canada

April 15-2024

### Open Educational Resources: What, Why and How?

UNIVERSIDAD COMPLUTENSE DE MADRID

Madrid, Spain

June 12-2023

### Workshop: Writing a McMaster thesis with R, markdown, and macdown

MCMASTER UNIVERSITY

Hamilton, Canada

April 14 and 21-2023

### Accessibility and Threshold Selection

POLYTECHIQUE MONTRÉAL

Montréal, Canada

May 20-2022

### Creating Programmatic CVs with R

SCHOOL OF EARTH, ENVIRONMENT AND SOCIETY, MCMASTER UNIVERSITY

Hamilton, Canada

April 4-2022

- Presenter

## Invited Talks, Seminars, Workshops, Courses, and Panels

LIFETIME TALKS, SEMINARS, WORKSHOPS, PANELS

My lifetime number of talks is 126.

### DETAILS

### Just transportation

UNIVERSIDADE DE SÃO PAULO

São Paulo, Brazil

June 19-2024

### Ciência Aberta para Todos

UNIVERSIDADE FEDERAL DO ABC

São Paulo, Brazil

June 18-2024

### An Introduction to exploratory data analysis in R

UNIVERSIDADE FEDERAL DO ABC

São Paulo, Brazil

June 10-15-2024

### Hagerstrand meets big data: time-geography in the age of mobility analytics

UNIVERSIDADE FEDERAL DO ABC

São Paulo, Brazil

June 6-2024

### Just transportation

POLYTECHIQUE MONTRÉAL

Montréal, Canada

June 3-2024

- Colloque Annuel de la Chaire Mobilité, Presenter

<b>Hägerstrand meets big data: time-geography in the age of mobility analytics</b> PLANNING AND TRANSPORT RESEARCH CENTRE, THE UNIVERSITY OF WESTERN AUSTRALIA	Perth, Australia March 21-2024
Inby Toplin Memorial Lecture, Keynote Speaker <b>Collaborative Reproducible Research using R and GitHub Illustrated with a Spatial Analysis Project</b> BUSINESS DATA ANALYTICS, THE UNIVERSITY OF WESTERN AUSTRALIA	Perth, Australia March 20 and 22-2024
Workshop Instructor <b>Introducing spatial availability, a singly-constrained accessibility measure</b> KARLSRUHE INSTITUTE OF TECHNOLOGY-ITAS	Karlsruhe, Germany February 20-2024
Workshop Instructor <b>Hägerstrand meets big data: time-geography in the age of mobility analytics</b> INSTITUTO NACIONAL DE PESQUISAS ESPACIAIS	São José dos Campos, Brazil December 4-2023
GEOINFO 2023, Keynote Speaker <b>Open Science for All</b> MCMaster REPRODUCIBILITY	Hamilton, Canada October 17-2023
Invited Talk, Speaker <b>Introducing spatial availability, a singly-constrained accessibility measure</b> POLYTECHIQUE MONTRÉAL	Montréal, Canada October 7-2023
Workshop Instructor <b>Ciencia Abierta para Todos (Open Science for All)</b> UNIVERSIDAD DE MURCIA	Murcia, Spain June 27-2023
VIII Jornadas Doctorales, Keynote Speaker <b>Reality or wishful thinking: Network attributes of 15-minute neighbourhoods</b> UNIVERSIDADE DE COIMBRA	Coimbra, Portugal June 22-2023
NECTAR Joint Workshop Clusters 6 and 7 on Urban and Transport Planning for Sustainable Urban Living, Presenter <b>Profiling the 15 min pedshed from the perspective of network attributes</b> POLYTECHIQUE MONTRÉAL	Montréal, Canada June 14-2023
Colloque Annuel de la Chaire Mobilité, Presenter <b>How is active school travel (AST) framed in Ontario</b> NEW YORK UNIVERSITY, CENTER FOR URBAN SCIENCE AND PROGRESS	New York City April 7-2023
Invited Seminar, Presenter <b>Spatial availability: a way to measure accessibility to competitive opportunities</b> NORTHERN ILLINOIS UNIVERSITY	DeKalb, Illinois, USA February 17-2023
Invited Seminar, Presenter <b>Reproducible Research Workflow</b> RESEARCH DATA MANAGEMENT COMMUNITY OF PRACTICE - MCMaster UNIVERSITY	Hamilton, Canada January 26-2023
Invited Talk, Speaker <b>An introduction to exploratory data analysis in R</b> ALMA MATER STUDIORUM - UNIVERSITÀ DI BOLOGNA IN RIMINI	Rimini, Italy November 14, 17, and 18-2022
Invited workshop, Instructor <b>An introduction to exploratory data analysis in R</b> GRAN SASSO SCIENCE INSTITUTE	L'Aquila, Italy June 10, 20, 24, 27 and 29-2022
Invited workshop, Instructor <b>Framing Active School Travel in Ontario, Canada</b> POLYTECHIQUE MONTRÉAL	Montréal, Canada May 19-2022
Colloque Annuel de la Chaire Mobilité, Presenter <b>Mobilizing Justice: Developing Data-Driven Equity Standards</b> NEWCASTLE UNIVERSITY	Newcastle-upon-Tyne, UK May 4-2022
Invited Seminar, Presenter <b>Spatial Data and Analytics</b> ALAN TURING INSTITUTE	Newcastle-upon-Tyne, UK May 3-2022

- SAD Interview, Interviewee



<b>Developing a companion package to support teaching spatial statistics with Introduction to Spatial Data Analysis and Statistics</b> MACPHERSON INSTITUTE AND MCMASTER UNIVERSITY LIBRARY Lightning Round: Teaching in the Open at McMaster Panelist	Hamilton, Canada March 7-2022
<b>Introducing Spatial Availability: A Singly Constrained Measure of Accessibility</b> INSTITUTO DE PESQUISA ECONÔMICA APLICADA Invited Talk: Speaker	Brasilia, Brazil December 10-2021
<b>Investigación Reproducible</b> DOCTORADO EN ECONOMÍA INTERUNIVERSITARIO Universidad de Granada y Seminario Naval: Keynote Speaker	Cartagena, Spain November 29-2021
<b>Creation of a LIVING Textbook for Teaching Spatial Statistics</b> MACPHERSON INSTITUTE AND MCMASTER UNIVERSITY LIBRARY Lightning Round: Teaching in the Open at McMaster Panelist	Hamilton, Canada October 28-2021
<b>Examining spatial equity of bike share: A balanced floating catchment area approach</b> POLYTECHIQUE MONTRÉAL Colloque Annuel de la Chaire Mobilité: Presenter	Montréal, Canada May 25-2021
<b>What's a school worth to a neighborhood</b> GRAN SASSO SCIENCE INSTITUTE Invited Seminar: Presenter	L'Aquila, Italy March 17- 2021
<b>Transportation research seminar</b> ITE TRANSPORTATION RESEARCH SEMINAR (MCMASTER CHAPTER) Invited Talk: Speaker	Hamilton, Canada October 1-2020
<b>Using CycleStreets and spatial interaction analysis to infer cycling routes</b> POLYTECHIQUE MONTRÉAL Colloque Annuel de la Chaire Mobilité: Presenter	Montréal, Canada June 16-2020
<b>Big data and behavioral analysis</b> TRANSYT, UNIVERSIDAD POLITÉCNICA DE MADRID Invited Talk: Speaker	Madrid, Spain July 9-2019
<b>Como integrar aprendizaje de máquinas y econometría espacial para el análisis de precios hedónicos: un ejemplo de segmentación espacial de mercados en tres ciudades españolas</b> DEPARTMENT OF APPLIED ECONOMICS, UNIVERSIDAD AUTÓNOMA DE MADRID Invited Talk: Speaker	Madrid, Spain July 8-2019
<b>Accessibility in Infrastructure Poor Regions</b> DEPARTMENT OF CIVIL, ENVIRONMENTAL, AND GEOMATICS ENGINEERING, ETH ZURICH Invited Talk: Speaker	Zurich, Switzerland July 1-2019
<b>Big data and behavioral analysis</b> UNIVERSIDAD POLITÉCNICA DE CARTAGENA XXIII Applied Economics Meeting: Keynote Speaker	Cartagena, Spain June 6-2019
<b>Cost Functions for Accessibility by Walking</b> POLYTECHIQUE MONTRÉAL Colloque Annuel de la Chaire Mobilité: Presenter	Montréal, Canada May 21-2019
<b>McMaster Research Data Forum</b> MCMASTER LIBRARY, RHPCS, MACDATA, AND THE TIER 3 RESEARCH DATA MANAGEMENT IT COMMITTEE McMaster Research Data Forum: Panelist	Hamilton, Canada December 18-2018
<b>Accesibilidad a los servicios de salud</b> DEPARTMENT OF GEOGRAPHY, UNIVERSIDAD COMPLUTENSE DE MADRID Invited Talk: Speaker	Madrid, Spain June 5-2018
<b>Developing Dashboards to Communicate Transportation Information</b> POLYTECHIQUE MONTRÉAL • Colloque Annuel de la Chaire Mobilité, Presenter	Montréal, Canada May 23-2018

## Methodology: spatial statistics with R

GRAN SASSO SCIENCE INSTITUTE

L'Aquila, Italy

March 12 to 14-2018

## Travel and Time Poverty among Canadian Single Parent Households

UNIVERSITY OF TORONTO

Toronto, Canada

October 26-2017

## Built environment and violent crime: An environmental audit approach using

### Google Street View

DEPARTMENT OF LAND ECONOMY, UNIVERSITY OF CAMBRIDGE

Cambridge, UK

October 11-2017

## A simple indicator for inequality analysis in activity/travel behavior

BARTLETT SCHOOL OF PLANNING, UNIVERSITY COLLEGE LONDON

London, UK

October 9-2017

## Exploratory spatial data analysis of categorical data

REGIONAL SCIENCE ASSOCIATION INTERNATIONAL-GRAN SASSO SCIENCE INSTITUTE SUMMER SCHOOL

L'Aquila, Italy

July 3 to 4-2017

## Spatial Clustering of Traveller Attitudinal Profiles

POLYTECHIQUE MONTRÉAL

Montréal, Canada

May 12-2017

## Mode Use Propensity by Attitudinal and Spatial Cluster: An Exploratory Analysis

ECOLE SUPERIEURE D'AMENAGEMENT DU TERRITOIRE ET DE DEVELOPPEMENT REGIONAL, LAVAL UNIVERSITY

Quebec, Canada

April 19-2017

## Gender or Role? Analysis of activity participation of single-parent household heads in Canada considering Time-Use Patterns

CENTRO DE DESARROLLO SUSTENTABLE UNIVERSIDAD DE CONCEPCIÓN

Concepción, Chile

March 6-2017

## Indicators for inequality analysis in activity/travel behavior

TRANSPORT EQUITY ANALYSIS COST ACTION

Thessaloniki, Greece

May 6-2015

## Accessible Accessibility Research Challenges

ASSOCIATION OF AMERICAN GEOGRAPHERS

Chicago, USA

April 23-2015

## Transportation and Spatial Analysis

Fleming Lecture in Transport Geography (Prof. Bert van Wee), Discussant  
DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF CALIFORNIA SANTA BARBARA

Santa Barbara, USA

January 29-2015

## In the Beginning There was Transportation (There was also GIS)

SCHOOL OF GEOGRAPHY, EARTH AND ENVIRONMENTAL SCIENCES, UNIVERSITY OF BIRMINGHAM

Birmingham, UK

January 12-2015

## Selected topics in spatial analysis

THE UNIVERSITY OF WESTERN AUSTRALIA BUSINESS SCHOOL

Perth, Australia

December 12 to 17-2014

## Mobility for sustainable communities

THE UNIVERSITY OF WESTERN AUSTRALIA

Perth, Australia

December 15-2014

## Mobility-based geodemographics

THE UNIVERSITY OF WESTERN AUSTRALIA

Perth, Australia

December 10-2014

## Mapping traveler attitudes: Does space matter?

DEPARTMENT OF SPATIAL SCIENCES, CURTIN UNIVERSITY

Perth, Australia

December 8-2014

- Invited Talk, Speaker

**An investigation of the attributes of walkable environments from the perspective of seniors in Montréal**

INSTITUTE OF TRANSPORT GEOGRAPHY AND SPATIAL PLANNING, SHAANXI NORMAL UNIVERSITY

*Xi'an, China*

*June 11-2014*

**Using spatial analysis to support site selection for field work: The case of walkability audits**

SCHOOL OF ECONOMIC, POLITICAL AND POLICY SCIENCES, UNIVERSITY OF TEXAS AT DALLAS

*Dallas, USA*

*May 26-2014*

**An investigation of the attributes of walkable environments from the perspective of seniors in Montréal**

POLYTECHIQUE MONTRÉAL

*Montréal, Canada*

*May 13-2014*

**Mobility and the potential for social contact among children in Montréal**

UNIVERSITY OF UTRECHT

*Utrecht, The Netherlands*

*March 21-2014*

**Contribuciones de las geotecnologías y análisis espacial al estudio de sistemas de transporte**

DEPARTMENT OF CIVIL ENGINEERING, INSTITUTO TECNOLÓGICO Y DE ESTUDIOS SUPERIORES DE MONTERREY

*Monterrey, Mexico*

*February 18-2014*

**Accounting for facility congestion using individual-based estimates of accessibility**

INSTITUTE FOR PROSPECTIVE TECHNOLOGICAL STUDIES, EUROPEAN COMMISSION

*Sevilla, Spain*

*February 6-2014*

**The Next 50 Years in Travel Analysis: What We Don't Know but Need to Know**

93RD ANNUAL MEETING OF THE TRANSPORTATION RESEARCH BOARD

*Washington, D.C., USA*

*January 12-2014*

**Special Topics in Spatial Analysis**

UNIVERSIDADE FEDERAL DE PERNAMBUCO

*Recife, Brazil*

*July 8 to 12-2013*

**Mobility for Sustainable Communities**

SHAD VALLEY MCMASTER

*Hamilton, Canada*

*July 4-2013*

**In the Beginning There was Transportation (There was also GIS)**

SCHOOL OF GEOSCIENCES, UNIVERSITY OF ABERDEEN

*Aberdeen, UK*

*May 20-2013*

**Mapping Traveler Attitudes: Does Space Matter?**

POLYTECHIQUE MONTRÉAL

*Montréal, Canada*

*May 13-2013*

**Driving out of choices: An investigation of transport modality in a university sample**

DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF UTAH

*Salt Lake City, USA*

*March 29-2013*

**Gender or Role? Analysis of activity participation of single-parent household heads in Canada considering time-use patterns**

SCHOOL OF GEOGRAPHY AND EARTH SCIENCES, MCMASTER UNIVERSITY

*Hamilton, Canada*

*February 4-2013*

**Web-based accessibility calculator for Montréal**

POLYTECHIQUE MONTRÉAL

*Montréal, Canada*

*May 23-2012*

**Desarrollo de un indicador de ajuste espacial para modelos de selección discreta**

DEPARTAMENTO DE MÉTODOS CUANTITATIVOS PARA LA ECONOMÍA, UNIVERSIDAD DE MURCIA

*Murcia, Spain*

*May 3-2012*

- Invited Talk, Speaker

## Mapping traveler attitudes: Does space matter?

CENTER FOR URBAN TRANSPORTATION RESEARCH, UNIVERSITY OF SOUTH FLORIDA

Tampa, USA

April 20-2012

## Time geography and potential applications for space-time scheduling

Invited Talk, Speaker

DEPARTMENT OF CIVIL ENGINEERING, MCMASTER UNIVERSITY

Hamilton, Canada

April 13-2012

## Developing a web-based accessibility calculator prototype

Invited Seminar, Presenter

SCHOOL OF GEOGRAPHICAL SCIENCES AND URBAN PLANNING, UNIVERSITY OF PENNSYLVANIA

Philadelphia, USA

January 18-2012

## Using the Q statistic to explore segregation patterns of ethnic groups

Invited Talk, Speaker

SCHOOL OF GEOGRAPHICAL SCIENCES AND URBAN PLANNING, ARIZONA STATE UNIVERSITY

Tempe, USA

January 13-2012

## Developing a web-based accessibility calculator prototype

Invited Talk, Speaker

CENTRE FOR HIP HEALTH AND MOBILITY, UNIVERSITY OF BRITISH COLUMBIA

Vancouver, Canada

November 1-2011

## Walkable schools for sustainable communities

Seminarium "If We Build It Will They Walk?" Presenter

ACCOMMODATION REVIEW COMMITTEE (DALEWOOD AREA), HAMILTON-WENTWORTH DISTRICT SCHOOL BOARD

Hamilton, Canada

September 14-2011

## Spatial analysis: Progress, prospects, and challenges

Invited Talk, Speaker

DEPARTMENT OF GEOGRAPHY AND ENVIRONMENTAL MANAGEMENT, UNIVERSITY OF WATERLOO

Waterloo, Canada

September 13-2011

## Introduction to spatial interaction and modal split analysis

Invited Talk, Speaker

UNIVERSIDADE DE SÃO PAULO

São Paulo, Brazil

August 23-2011

## From meso-scale analysis to micro-scale environments: A model-based approach for selecting walkability audit sites

Graduate Seminar, Instructor

LATTICE, UNIVERSIDADE FEDERAL DE PERNAMBUCO

Recife, Brazil

August 15-2011

## Modeling spatial heterogeneity in multivariate regression analysis

Invited Talk, Speaker

UNIVERSIDADE FEDERAL DE PERNAMBUCO

Recife, Brazil

August 15 to 16-2011

## Applied Spatial Modeling

Graduate Seminar, Instructor

THE UNIVERSITY OF WESTERN AUSTRALIA BUSINESS SCHOOL

Perth, Australia

July 11 to 13-2011

## Rapid Transit: Does it Drive Local Economic Development?

Seminar, Instructor

3RD ANNUAL TRANSLOG CONFERENCE

Hamilton, Canada

June 15-2011

## Accessibility measures and the contribution of spatial models

Panel Session, Panelist

POLYTECHIQUE MONTRÉAL

Montréal, Canada

May 10-2011

## Accesibilidad y actividad comercial: Teoría y métodos

Colloquium/Annual de la Chaire Mobilité, Presenter

DEPARTMENT OF TRANSPORTATION, UNIVERSIDAD POLITÉCNICA DE MADRID

Madrid, Spain

April 8-2011

## Movilidad en la tercera edad: Conceptos y evidencia

Invited Talk, Speaker

DEPARTMENT OF TRANSPORTATION, UNIVERSIDAD POLITÉCNICA DE MADRID

Madrid, Spain

April 7-2011

## A model-based approach to select case sites for conducting walkability audits

Transport Sustainability Course, Instructor

DEPARTMENT DE GENIES CIVIL, GEOLOGIQUE ET DES MINES, ECOLE POLYTECHNIQUE MONTRÉAL

Montréal, Canada

February 25-2011

## From meso-scale analysis to micro-scale environments: A model-based approach for selecting walkability audit sites

Invited Talk, Speaker

SCHOOL OF DESIGN, UNIVERSITY OF PENNSYLVANIA

Philadelphia, USA

February 15-2011

- Invited Talk, Speaker

<b>On the confluence of social and spatial networks: an example of sense of community among university students</b> UNIVERSITY OF MANCHESTER	<b>Manchester, UK</b> January 11-2011
<b>Using the Q statistic to explore segregation patterns of ethnic groups</b> Workshop Social Network Analysis in Transport, Presenter DEPT. OF ECONOMICS, UNIVERSIDADE FEDERAL DE PERNAMBUCO	<b>Recife, Brazil</b> August 26-2010
<b>Spatial pricing and the analysis of point patterns</b> Invited Talk, Speaker UNIVERSIDADE FEDERAL DE PERNAMBUCO	<b>Recife, Brazil</b> August 24 to 25-2010
<b>Selected topics in spatial analysis</b> Graduate Seminar, Instructor UNIVERSIDADE DE SÃO PAULO	<b>São Paulo, Brazil</b> August 12 and 27-2010
<b>Mobility and social exclusion: analytical framework and state of knowledge</b> Graduate Seminar, Instructor CENTRE FOR HIP HEALTH AND MOBILITY, UNIVERSITY OF BRITISH COLUMBIA	<b>Vancouver, Canada</b> April 20-2010
<b>Riding cars with seniors: Accessibility implications of mode of travel</b> Symposium "Walk the Talk: Linking Research and Community on the Built Environment for Healthy Aging", Keynote Speaker EDINBURGH COLLEGE OF ART	<b>Edinburgh, UK</b> March 11-2010
<b>Mobility in aging: Time geography perspectives</b> UK-Canada Study Tour "The Science of Age-Supportive Environments", Speaker LONDON METROPOLITAN UNIVERSITY	<b>London, UK</b> March 10-2010
<b>Mobility and social exclusion: Results of recent research in Canada</b> UK-Canada Study Tour "The Science of Age-Supportive Environments", Speaker TRANSPORT STUDIES UNIT, UNIVERSITY OF OXFORD	<b>Oxford, UK</b> March 4-2010
<b>Social influence and the decision to telework</b> Invited Talk, Speaker UNIVERSITY OF NOTTINGHAM	<b>Nottingham, UK</b> March 2-2010
<b>Demographic aging and sustainable transportation</b> Workshop Social Network Analysis in Transport, Speaker DEPARTMENT DE GENIES CIVIL, GEOLOGIQUE ET DES MINES, ECOLE POLYTECHNIQUE MONTRÉAL	<b>Montréal, Canada</b> February 18-2010
<b>Positive and Normative Aspects of Accessibility Measurements</b> Invited Talk, Speaker INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE-URBANISATION CULTURE SOCIÉTÉ	<b>Montréal, Canada</b> February 16-2010
<b>Social Networks and Information and Communication Technology: Implications for Activities in Real and Virtual Spaces</b> Invited Talk, Speaker 89TH ANNUAL MEETING OF THE TRANSPORTATION RESEARCH BOARD	<b>Washington, D.C., USA</b> January 13-2010
<b>Selected topics in spatial analysis</b> Panel Session, Panelist UNIVERSIDADE DE SÃO PAULO	<b>São Paulo, Brazil</b> August 18-2009
<b>Networks and behavior</b> Graduate Seminar, Instructor INSTITUTO NACIONAL DE PESQUISAS ESPACIAIS	<b>São José dos Campos, Brazil</b> August 14-2009
<b>Introducing spatial analysis in transportation research</b> Invited Talk, Speaker DEPT. OF TRANSPORT ENGINEERING, UNIVERSIDADE SÃO PAULO-SAO CÂRLOS	<b>Sao Cãrlos, Brazil</b> August 6-2009
<b>Elección de modos de transporte y planificación de infraestructuras</b> Invited Talk, Speaker TRANSYT, UNIVERSIDAD POLITÉCNICA DE MADRID	<b>Madrid, Spain</b> July 15-2009
<b>Publishing in a spatial analysis journal</b> Graduate Seminar, Instructor ANNUAL MEETING OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS	<b>Las Vegas, USA</b> March 22-2009

- Panel Session, Panelist

<b>Análisis espacial y sistemas de transporte, matrimonio de conveniencia o amor a segunda vista?</b> DEPT. OF OF CIVIL ENGINEERING, UNIVERSIDAD DE CONCEPCIÓN	Concepción, Chile March 12-2009
Invited Talk, Speaker <b>Uso de tiempo y exclusión social en Canadá: Una investigación de actividades comerciales y de servicios desde la perspectiva de grupos vulnerables</b> DEPT. OF OF CIVIL ENGINEERING, UNIVERSIDAD DE CONCEPCIÓN	Concepción, Chile March 9-2009
Invited Talk, Speaker <b>Mobility and social exclusion in Canadian communities: An empirical investigation of opportunity access and deprivation from the perspective of vulnerable groups</b> HUMAN RESOURCES AND SOCIAL DEVELOPMENT CANADA	Ottawa, Canada February 13-2009
Presentation of Final Report, Presenter <b>Modeling activity spaces using short term travel surveys</b> SCHOOL OF URBAN PLANNING, MCGILL UNIVERSITY	Montréal, Canada February 12-2009
Invited Talk, Speaker <b>Econometric techniques for urban transport and land use analysis</b> DEPARTMENT DE GENIES CIVIL, GEOLOGIQUE ET DES MINES, ECOLE POLYTECHNIQUE MONTRÉAL	Montréal, Canada February 9 to 12-2009
Short Course, Instructor <b>Social Networks and Travel</b> 88TH ANNUAL MEETING OF THE TRANSPORTATION RESEARCH BOARD	Washington, D.C., USA January 11-2009
Panel Session, Panelist <b>Jobs and the Single Parent: Accessibility Analysis in the City of Toronto</b> FACULTY OF ECONOMICS, ADMINISTRATION, AND ACCOUNTING OF THE UNIVERSIDADE DE SÃO PAULO	São Paulo, Brazil October 31-2008
Invited Talk, Speaker <b>Selected topics in spatial analysis</b> UNIVERSIDADE DE SÃO PAULO	São Paulo, Brazil October 23 and 30-2008
Short Course, Instructor <b>A simulation Investigation of weight matrix coding schemes</b> UNIVERSIDAD POLITÉCNICA DE CARTAGENA	Cartagena, Spain October 10-2008
2nd Session of Spatial Econometrics Jean Paelinck, Keynote Speaker <b>Movilidad Sostenible</b> UNIVERSIDAD INTERNACIONAL MENÉNDEZ PELAYO	Santander, Spain July 31-2008
Invited Talk, Speaker <b>Spatial analysis of property prices, a comparison of techniques and heuristics</b> INSTITUTE FOR ECONOMIC GEOGRAPHY AND GISCIENCE, VIENNA UNIVERSITY OF ECONOMICS AND BUSINESS ADMINISTRATION	Vienna, Austria July 25-2008
Invited Talk, Speaker <b>Modelos locales: reflexiones sobre su utilidad para análisis inferencial e interpolación espacial</b> INSTITUTE LAWRENCE R. KLEIN, UNIVERSIDAD AUTÓNOMA DE MADRID	Madrid, Spain July 17-2008
Invited Talk, Speaker <b>Técnicas econométricas para el análisis de sistemas de transporte y usos de suelo urbano</b> DEPARTMENT OF TRANSPORTATION, UNIVERSIDAD POLITÉCNICA DE MADRID	Madrid, Spain June 23 to 25-2008
Graduate Seminar, Instructor <b>Pruebas de hipótesis en estadísticos y modelos espaciales locales</b> UNIVERSIDAD POLITÉCNICA DE CARTAGENA	Cartagena, Spain June 20-2008
Invited Talk, Speaker <b>Topología de redes y econometría espacial</b> DEPARTMENT OF ECONOMICS, UNIVERSIDAD DE ZARAGOZA	Zaragoza, Spain May 23-2008

- Invited Talk, Speaker

<b>"Riding in Cars with Seniors" Geographical perspectives on transportation modes and distance traveled by the elderly</b> DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF TORONTO IN MISSISSAUGA Invited Talk, Speaker	Mississauga, Canada March 12-2008
<b>Eliciting travel cost information using a web-based data collection tool: Preliminary results from a graduate teaching project</b> DEPARTMENT OF CIVIL ENGINEERING, UNIVERSITY OF TORONTO	Toronto, Canada November 30-2007
<b>Transportation and spatial analysis: Marriage of convenience or love at second sight?</b> DEPARTMENT OF GEOGRAPHY, RYERSON UNIVERSITY	Toronto, Canada November 19-2007
<b>Spatial analysis and travel behavior</b> DEPARTMENT OF GEOGRAPHY, STATE UNIVERSITY OF NEW YORK AT BUFFALO	Buffalo, USA February 23-2007
<b>Networks, social influence, and behavior: Current research and outstanding challenges</b> STATE UNIVERSITY OF NEW YORK AT BUFFALO	Buffalo, USA February 23-2007
<b>Integrated Land use and Transportation Models: Frameworks, Models and Applications</b> Geographic Information Science Integrative Graduate Education and Research Training Program, Presenter UNIVERSITY OF TORONTO	Toronto, Canada June 12 to 15-2005
<ul style="list-style-type: none"> <li>Processus: Second International Colloquium on the Behavioural Foundations of Integrated Land-use and Transportation Models, Discussion</li> </ul> <b>Spatial effects in hedonic price functions</b> CENTRE FOR THE STUDY OF COMMERCIAL ACTIVITY, RYERSON UNIVERSITY	Toronto, Canada July 22-2003
<b>Spatial parametric nonstationarity</b> WILFRIED LAURIER UNIVERSITY	Waterloo, Canada March 13-2003
<ul style="list-style-type: none"> <li>Students of Spatial Statistics (SOS2), Speaker</li> </ul>	

External Service

<b>United Way Greater Toronto</b>  MEMBER	Technical Advisory Commitee, Toronto Neighborhood's Assessment Framework 2021-present
<b>Steering Committee</b>  MEMBER	Modeling Geographical Systems Commission (International Geographical Union) 2020-present
<b>Benjamin H. Stevens Graduate Fellowship</b>  CHAIR	North American Regional Science Council 2013
<b>International Advisory Committee</b>  MEMBER	Chaire de recherche industrielle MOBILITÉ (Polytechnique Montreal) 2011-present
<b>Standing Committee on Social and Economic Factors of Transportation</b> MEMBER	Transportation Research Board 2011-2016
<b>Transport Geography Specialty Group</b>  BOARD MEMBER	Association of American Geographers 2010-2012



**Benjamin H. Stevens Graduate Fellowship**

MEMBER

North American Regional Science  
Council  
2009-2012

**International Steering Committee, International Workshop Frontiers in Transportation**

MEMBER

University of Amsterdam  
2005

**Dissertation Contest**

COORDINATOR

Regional Science Association  
International  
2004-2007

**Internal (Departmental, Faculty, University) Service (Most Recent 10 Years)**

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**AI Expert Panel: Teaching and Learning**

MEMBER

McMaster University  
May 2024-June 2024

**2023 CPM Committee**

MEMBER

School of Earth, Environment and  
Society, McMaster University  
February 2024-March 2024

**Faculty of Science Mentorship Program**

MENTOR

Faculty of Science, McMaster  
University  
September 2023-April 2024

**2022 NSERC CGM-Master Ranking Committee**

MEMBER

Faculty of Science, McMaster  
University  
September 2021-March 2022

**2021 CPM Committee**

MEMBER

School of Earth, Environment and  
Society, McMaster University  
February 2022-March 2022

**2019 CPM Committee**

MEMBER

School of Earth, Environment and  
Society, McMaster University  
February 2020-March 2020

**Graduate Committee**

MEMBER

School of Earth, Environment and  
Society, McMaster University  
July 2019-April 2020

**2018 CPM Committee**

MEMBER

School of Earth, Environment and  
Society, McMaster University  
February 2019-March 2019

**Search Committee Geology Hire**

CHAIR

School of Geography and Earth  
Sciences, McMaster University  
June 2018-April 2019

**Search Committee Teaching Stream Hire**

CHAIR

School of Geography and Earth  
Sciences, McMaster University  
June 2017-May 2018

**Teaching Workload Committee**

MEMBER

School of Geography and Earth  
Sciences, McMaster University  
July 2014-July 2015

**University Librarian Search Committee**

MEMBER

McMaster University  
January 2013-July 2013

**Space Committee**

MEMBER

School of Geography and Earth  
Sciences, McMaster University  
July 2011-July 2014



**Tenure and Promotion Committee**

MEMBER

*Faculty of Science, McMaster  
University*

*July 2010-July 2013*

**High School and Community Outreach, Publicity Committee**

MEMBER

*School of Geography and Earth  
Sciences, McMaster University*

*July 2010-July 2011*

**Building safety committee**

MEMBER

*School of Geography and Earth  
Sciences, McMaster University*

*July 2009-July 2010*

**Space Committee**

MEMBER

*School of Geography and Earth  
Sciences, McMaster University*

*July 2007-July 2008*

**Publicity Committee**

MEMBER

*School of Geography and Earth  
Sciences, McMaster University*

*July 2006-July 2008*

**Search Committee Geography Hire**

MEMBER

*School of Geography and Earth  
Sciences, McMaster University*

*September 2006-April 2007*

**Graduate Committee**

MEMBER

*School of Geography and Earth  
Sciences, McMaster University*

*July 2003-July 2008*

**Search Committee Geography Hire**

MEMBER

*School of Geography and Geology,  
McMaster University*

*September 2003-April 2004*