

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

- Thesis Title: Applied Statistical Analysis of Geographically Detailed Data with Emphasis on Spatial Effects

Tohoku University

M.Sc.

Sendai, Japan

1995-1997

- Thesis Title: Evaluation of Environmental Changes Caused by Urbanization

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

SCIENTIFIC AWARDS

Edward L. Ullman Award for outstanding contributions to the field of transportation geography ASSOCIATION OF AMERICAN GEOGRAPHERS • Antonio Páez	<i>United States</i> 2024
Outstanding Achievement Award in Humanities and Social Sciences Research (1st Prize) SHAANXI SYSTEM OF UNIVERSITIES • Li He, Antonio Páez, Jianmin Jiao, Ping An, Chuntian Lu, Wen Mao, and Dongping Long	<i>China</i> 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 • Antonio Páez, Ruben G. Mercado, Steven Farber, Catherine Morency, and Matthew Roorda	<i>United States</i> 2010
Best Presentation Award JAPAN SOCIETY OF CIVIL ENGINEERS • K. Kawai, K. Miyamoto, V. Vichiensan, and Antonio Páez	<i>Japan</i> 2002

VISITING PROFESSORSHIPS

Universidad Politécnica de Madrid VISITING PROFESSORSHIP	<i>Spain</i> 2008
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SCHOLARSHIPS

Japanese Ministry of Science, Education and Culture (Monbusho) GRADUATE SCHOLARSHIP	<i>Japan</i> <i>October, 1997-September, 2000</i>
Japanese Ministry of Science, Education and Culture (Monbusho) GRADUATE SCHOLARSHIP	<i>Japan</i> <i>April, 1995-September, 1997</i>

TRAINEE HONOURS

Elise Desjardins TRANSPORTATION GEOGRAPHY SPECIALTY GROUP OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS	<i>Winner, Master's Competition</i> 2021
Md Moniruzzaman INTERNATIONAL TRANSPORTATION FORUM	<i>Young Researcher Award</i> 2016
Md Moniruzzaman CANADIAN INSTITUTES FOR HEALTH RESEARCH, INSTITUTE OF AGING	<i>Age+ Prize</i> 2014
Md Moniruzzaman WORLD CONFERENDE OF TRANSPORT RESEARCH SOCIETY	<i>Ph.D. Prestige Grant</i> 2013
Md Moniruzzaman TRANSPORTATION GEOGRAPHY SPECIALTY GROUP OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS	<i>Winner, Master's Competition</i> 2012
Steven Farber TRANSPORTATION GEOGRAPHY SPECIALTY GROUP OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS	<i>Honorable Mention, Ph.D. Competition</i> 2011

Editorial Activities

EDITORSHIPS

Editor-in-Chief JOURNAL OF GEOGRAPHICAL SYSTEMS	<i>January 2008-present</i>
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GUEST EDITORSHIPS

Guest Editor

BECKY LOO, ANTONIO PÁEZ, LONG CHENG, JIAOE WANG

- Elderly's Mobility and the Living Environment

Journal of Transport Geography
Virtual Special Issue
2022

Guest Editor

FRANK GOETZKE, REGINE GERIKE, ANTONIO PÁEZ, ELENN DUGUNDJI

- Social interactions in transportation: analyzing groups and spatial networks

Transportation 42 (5)
2015

Guest Editor

DARREN M. SCOTT, ELENN DUGUNDJI, ANTONIO PÁEZ

- The Social Dimension of Travel, Activity, and Location Choice Behavior

Journal of Transport Geography 31
2013

Guest Editor

ELENN DUGUNDJI, DARREN M. SCOTT, JUAN A. CARRASCO, AND ANTONIO PÁEZ

- Urban mobility and social-spatial interaction

Environment and Planning A 44 (5)
2012

Guest Editor

ELENN R. DUGUNDJI, ANTONIO PÁEZ, THEO ARENTZE, JOAN L. WALKER

- Transportation and social interactions

*Transportation Research Part A -
Policy and Practice* 45 (4)
2011

Guest Editor

TIM SCHWANEN AND ANTONIO PÁEZ

- The Mobility of Older People

Journal of Transport Geography 18
(5)
2010

Guest Editor

STEVEN FARBER AND ANTONIO PÁEZ

- Spatial Analysis in Canada

The Canadian Geographer 54 (1)
2010

Guest Editor

ANTONIO PÁEZ

- Spatial analysis of economic systems and land use change

Papers in Regional Science 88 (2)
2009

Guest Editor

ELENN DUGUNDJI, ANTONIO PÁEZ, THEO ARENTZE

- Social networks, choices, mobility, and travel

Environment and Planning B 35 (6)
2008

Guest Editor

ANTONIO PÁEZ

- Spatial Analysis of Urban Systems

Journal of Geographical Systems 9
(1)
2007

EDITORIAL BOARDS

Editorial Board Member

COMPUTERS, ENVIRONMENT, AND URBAN SYSTEMS

January 2012-December 2017

Editorial Board Member

DECISION SUPPORT SYSTEMS

April 2014-March 2017

Editorial Board Member

ECONOMIC AND BUSINESS LETTERS

January 2014-present

Editorial Board Member

ENVIRONMENT AND PLANNING A

January 2010-December 2017

Editorial Board Member

GEOGRAPHICAL ANALYSIS

2018-present

Editorial Board Member

INGENIERÍA DE TRANSPORTE

2015-present

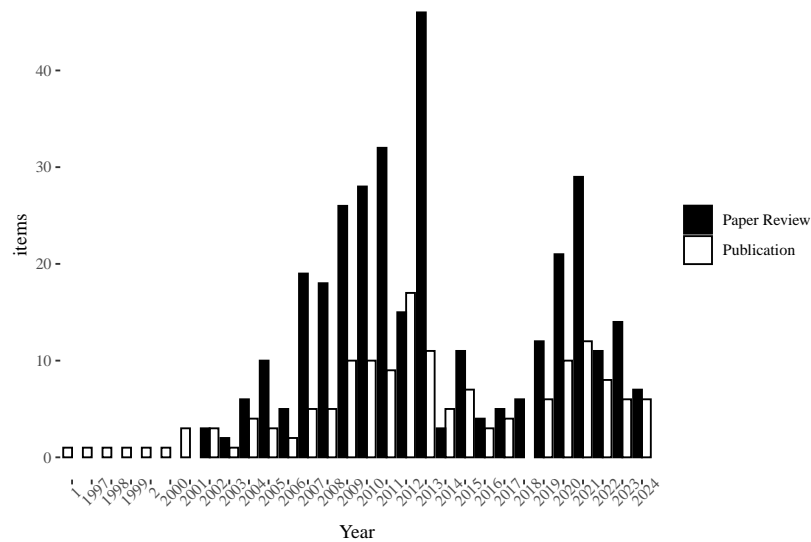


Figure 1: Reviews-to-publications by year

Editorial Board Member

INTERNATIONAL JOURNAL OF GEOGRAPHIC INFORMATION SCIENCE

January 2019-present

Editorial Board Member

JOURNAL OF TRANSPORT GEOGRAPHY

2018-present

Editorial Board Member

OPEN ENVIRONMENTAL JOURNAL

January, 2008-May, 2012

Editorial Board Member

OPEN GEOGRAPHY JOURNAL

January, 2008-May, 2012

Editorial Board Member

OPEN URBAN STUDIES JOURNAL

January, 2008-May, 2012

Editorial Board Member

PAPERS IN REGIONAL SCIENCE

January 2015-December 2020

Editorial Board Member

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.

Grant Reviews

Executive Agency for Higher Education, Research, Development and Innovation Funding (Romania)	2024
EXTERNAL REVIEWER	Number of reviews: 5
European Research Council (European Union)	2022
PANEL MEMBER	Number of reviews: 9
Swiss National Science Foundation (Switzerland)	2015
EXTERNAL REVIEWER	Number of reviews: 1
US National Science Foundation (USA)	2013
EXTERNAL REVIEWER	Number of reviews: 1
Fonds Wetenschappelijk Onderzoek - Vlaanderen (Canada)	2012
EXTERNAL REVIEWER	Number of reviews: 1
University of California Davis Sustainable Transportation Center (USA)	2012
EXTERNAL REVIEWER	Number of reviews: 1
US National Science Foundation (USA)	2012
EXTERNAL REVIEWER	Number of reviews: 1
Canada Research Chair Programme (Canada)	2011
EXTERNAL REVIEWER	Number of reviews: 1
Fonds de recherche du Quebec Nature et technologies (Canada)	2011
EXTERNAL REVIEWER	Number of reviews: 1
Natural Science and Engineering Research Council (Canada)	2011
EXTERNAL REVIEWER	Number of reviews: 1
Swiss National Science Foundation (Switzerland)	2011
EXTERNAL REVIEWER	Number of reviews: 1
University of California Davis Sustainable Transportation Center (USA)	2011
EXTERNAL REVIEWER	Number of reviews: 1
US National Science Foundation (USA)	2011
EXTERNAL REVIEWER	Number of reviews: 1
Hong Kong Health and Health Services Research Fund (Canada)	2010
EXTERNAL REVIEWER	Number of reviews: 1
US National Science Foundation (USA)	2009
EXTERNAL REVIEWER	Number of reviews: 2
US National Science Foundation (USA)	2008
EXTERNAL REVIEWER	Number of reviews: 1
US National Science Foundation (USA)	2007
EXTERNAL REVIEWER	Number of reviews: 1
Natural Science and Engineering Research Council (Canada)	2005
EXTERNAL REVIEWER	Number of reviews: 1
US National Science Foundation (USA)	2005
EXTERNAL REVIEWER	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

Transportation Geography

TOTAL ENROLMENT: 80 STUDENTS

Times offered: 2

ENVSOCY 3LT3

Applied Spatial Statistics

TOTAL ENROLMENT: 113 STUDENTS

Times offered: 3

ENVSOCY 4GA3

Transport Policy

TOTAL ENROLMENT: 46 STUDENTS

Times offered: 3

ENVSOCY 4LP3

Locational Analysis

TOTAL ENROLMENT: 492 STUDENTS

Times offered: 6

GEOG 2HA3

Transportation and Economic Activity

TOTAL ENROLMENT: 415 STUDENTS

Times offered: 4

GEOG 2LI3

Transportation Geography

TOTAL ENROLMENT: 284 STUDENTS

Times offered: 8

GEOG 3LT3

Analysis of Transportation Systems

TOTAL ENROLMENT: 280 STUDENTS

Times offered: 6

GEOG 4D03

Applied Spatial Statistics

TOTAL ENROLMENT: 186 STUDENTS

Times offered: 6

GEOG 4GA3

Special Topics in GIS: Geodemographic Analysis

TOTAL ENROLMENT: 20 STUDENTS

Times offered: 1

GEOG 4GT3

Transport Policy

TOTAL ENROLMENT: 118 STUDENTS

Times offered: 7

GEOG 4LP3

Analysis of Transportation Systems

TOTAL ENROLMENT: 166 STUDENTS

Times offered: 4

GEOG 4LT3

Advanced Topics in Spatial Analysis

TOTAL ENROLMENT: 107 STUDENTS

Times offered: 5

GEOG 4S03

GRADUATE TEACHING

Reproducible Research Workflow

TOTAL ENROLMENT: 23 STUDENTS

Times offered: 3

GEO *712

Transport Policy and Elderly Mobility

TOTAL ENROLMENT: 1 STUDENTS

Times offered: 1

GEO *715

Discrete Choice and Policy Analysis

TOTAL ENROLMENT: 54 STUDENTS

Times offered: 10

GEO *738

Transport Policy

TOTAL ENROLMENT: 7 STUDENTS

Times offered: 4

GEOG 6LP3

DIPLOMA-CERTIFICATE TEACHING

Advanced Topics in Spatial Analysis

TOTAL ENROLMENT: 29 STUDENTS

Times offered: 3

510-654

Major Project

TOTAL ENROLMENT: 18 STUDENTS

Times offered: 3

510-655

Applied Project

TOTAL ENROLMENT: 2 STUDENTS

Times offered: 1

510-657

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

Zibby Petch (McMaster University, Canada)

2010
Civil Engineering

Karolina Krol (McMaster University, Canada)

2009
Civil Engineering

Josh Arbess (McMaster University, Canada)

2021
Engineering and Society

Josh Arbess (McMaster University, Canada)

CO-SUPERVISED WITH SANATHAN KASSIEDASS, SENIOR ADVISOR, INNOVATION AND NEW MOBILITY – METROLINX

2020
Engineering and Society

Samuel Greg Smilski (McMaster University, Canada)

2020
Engineering and Society

Gabriela Tokarska (McMaster University, Canada)

2013
Engineering and Society

Mike McKnight (McMaster University, Canada)

2012
Engineering and Society

Alexander Eryuzlu (McMaster University, Canada)

2009
Engineering and Society

Adam Howell (McMaster University, Canada)

2008
Engineering and Society

Doug C. Sharpe (McMaster University, Canada)

2006
Engineering and Society

Justin M. Potalivo (McMaster University, Canada)

2005
Engineering and Society

Matt G. Sonnenberg (McMaster University, Canada)

2005
Engineering and Society

Subaita Refaaf (McMaster University, Canada)

2021
Geography

William Li (McMaster University, Canada)

2019
Geography

Dylan Ward (McMaster University, Canada)

2019
Geography

Ruikang Lin (McMaster University, Canada)	2018 Geography
Alexander Moriopoulous (McMaster University, Canada)	2018 Geography
Tyler Marr (McMaster University, Canada)	2018 Geography
Jill Scott (McMaster University, Canada)	2017 Geography
Bingjie Zhu (McMaster University, Canada)	2017 Geography
Emily Byford (McMaster University, Canada)	2017 Geography
Katelyn Penney (McMaster University, Canada)	2015 Geography
Katelyn Penney (McMaster University, Canada)	2013 Geography
Christine Fandrich (McMaster University, Canada)	2012 Geography
David Snell (McMaster University, Canada)	2009 Geography
Steve Gitao (McMaster University, Canada) CO-SUPERVISED WITH PAVLOS KANAROGLOU	2005 Geography
Nadhiyya Shabir (McMaster University, Canada)	2021 Life Sciences
Salvatore Vivona (McMaster University, Canada)	2017 Physics
MASTER'S SUPERVISION	
Mahdis Moghadasi (McMaster University, Canada)	In Progress Geography
Niloofer Nalae (McMaster University, Canada)	2024 Geography
Bruno Dias dos Santos (INPE, Brazil, Brazil) CO-SUPERVISED WITH SILVANA AMARAL AND CAROLINA PINHO	2023 Geography
John Merral (McMaster University, Canada)	2021 Geography
Elise Desjardins (McMaster University, Canada)	2020 Public Health
Sean Sears (McMaster University, Canada)	2020 Geography
Zoha Anjum (McMaster University, Canada) CO-SUPERVISED WITH SARAH DICKSON AND CORINNE WALLACE	2019 Public Health
Rodrigo Victoriano (Universidad de Concepcion, Chile) CO-SUPERVISED WITH JUAN A. CARRASCO	2018 Civil Engineering
Alvaro E. Toledo (Universidad de Concepcion, Chile) CO-SUPERVISED WITH JUAN A. CARRASCO	2018 Civil Engineering
Christine Fandrich (McMaster University, Canada)	Withdrew from Program Geography
Edivaldo C. Neves (Universidade Federal de Pernambuco, Brazil) CO-SUPERVISED WITH TATIANE MENEZES	2013 Economy

Mario Reyes (McMaster University, Canada)	2013
	<i>Geography</i>
Sammara C. Soares (Universidade Federal de Pernambuco, Brazil)	2012
CO-SUPERVISED WITH TATIANE MENEZES	<i>Economy</i>
Kristina Cimaroli (McMaster University, Canada)	2012
CO-SUPERVISED WITH K. BRUCE NEWBOLD	<i>Geography</i>
Jarin Esita (McMaster University, Canada)	2012
	<i>Geography</i>
Eduardo Barbosa (Universidade de Sao Paulo, Brazil)	2011
CO-SUPERVISED WITH EDUARDO A. HADDAD	<i>Economy</i>
Cristian Bustos (Universidad de Concepcion, Chile)	2011
CO-SUPERVISED WITH JUAN A. CARRASCO	<i>Civil Engineering</i>
Md Moniruzzaram (McMaster University, Canada)	2011
	<i>Geography</i>
Kate Whalen (McMaster University, Canada)	2011
	<i>Geography</i>
Nicolas M. Cespedes (Universidad de Concepcion, Chile)	2011
CO-SUPERVISED WITH JUAN A. CARRASCO	<i>Civil Engineering</i>
Adam Drackley (McMaster University, Canada)	2010
CO-SUPERVISED WITH K. BRUCE NEWBOLD	<i>Geography</i>
P.J. Saberton (McMaster University, Canada)	2010
CO-SUPERVISED WITH K. BRUCE NEWBOLD	<i>Geography</i>
Ana Maria Bonomi Barufi (Universidade de Sao Paulo, Brazil)	2010
CO-SUPERVISED WITH EDUARDO A. HADDAD	<i>Economy</i>
Ivy Dam (McMaster University, Canada)	2009
CO-SUPERVISED WITH DARREN M. SCOTT	<i>Geography</i>
Natalia Andrea Ruminot Villegas (Universidad de Concepcion, Chile)	2009
CO-SUPERVISED WITH JUAN A. CARRASCO	<i>Civil Engineering</i>
Felipe Antonio Sanhueza Cardenas (Universidad de Concepcion, Chile)	2009
CO-SUPERVISED WITH JUAN A. CARRASCO	<i>Civil Engineering</i>
Julien Bonin (McMaster University, Canada)	2008
	<i>Geography</i>
Fei Long (McMaster University, Canada)	2006
	<i>Geography</i>
Kenji Kawai (Tohoku University, Japan)	2002
CO-SUPERVISED WITH KAZUAKI MIYAMOTO	<i>Civil Engineering</i>
Eri Yamada (Tohoku University, Japan)	2001
CO-SUPERVISED WITH KAZUAKI MIYAMOTO	<i>Civil Engineering</i>
DOCTORAL SUPERVISION	
Bruno Dias dos Santos (McMaster University, Canada)	<i>In Progress</i>
	<i>Geography</i>
Anastasia Soukhov (McMaster University, Canada)	<i>In Progress</i>
	<i>Geography</i>
Elise Desjardins (McMaster University, Canada)	<i>In Progress</i>
	<i>Geography</i>
Fernando Romero (Universidad Politecnica de Madrid, Spain)	2020
CO-SUPERVISED WITH JOSÉ MANUEL VASALLO	<i>Civil Engineering</i>
Kate Whalen (McMaster University, Canada)	2020
	<i>Geography</i>

Tatiana Ferrari Kolodin (Universidade Federal de Minas Gerais, Brazil)	2019
CO-SUPERVISED WITH PEDRO AMARAL	<i>Economy</i>
Faten Almjlad (McMaster University, Canada)	<i>Withdrew from Program</i>
	<i>Geography</i>
Li He (McMaster University, Canada)	2016
	<i>Geography</i>
Md Moniruzzaram (McMaster University, Canada)	2014
	<i>Geography</i>
Mario Reyes (McMaster University, Canada)	<i>Withdrew from Program</i>
	<i>Geography</i>
Daniel Del Bianco (McMaster University, Canada)	<i>Withdrew from Program</i>
	<i>Geography</i>
Lucia Mejia (Universidad Politecnica de Madrid, Spain)	2011
CO-SUPERVISED WITH JOSÉ MANUEL VASALLO	<i>Civil Engineering</i>
Steven Farber (McMaster University, Canada)	2010
	<i>Geography</i>
Ruben Mercado (McMaster University, Canada)	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 Hamidetebrani (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

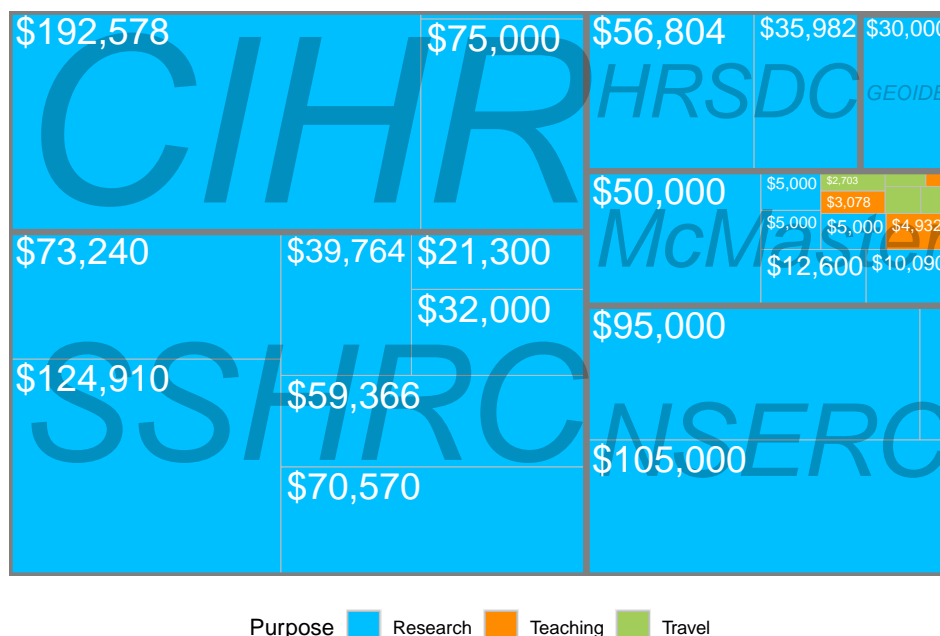


Figure 2: My share of research funds by source

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

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

McMaster University, International Initiatives Micro Fund, Canada

CAD 5,000

ACTIVE SUSTAINABLE TRANSPORTATION: BARRIERS TO CYCLING AMONG UNIVERSITY STUDENTS

2024

- PI: Antonio Paez; team size: 2 researchers

Arts and Research Board McMaster University, Canada CONFERENCE GRANT • PI: Antonio Paez; team size: 1 researchers	CAD 1,700 2024
McPherson Institute-McMaster University Libraries, Canada PUBLICATION AND EVALUATION OF THE EFFECTIVENESS OF AN OPEN-SOURCE BOOK TO TEACH SPATIAL STATISTICS • PI: Antonio Paez; team size: 2 researchers	CAD 4,932 2021-2022
Social Sciences and Humanities Research Council, Canada MOBILIZING JUSTICE • PI: Steven Farber; team size: 10 researchers	CAD 2,498,195 2020-2025
Social Sciences and Humanities Research Council, Canada CHILDREN’S INDEPENDENT MOBILITY ENVIRONMENTS (CHIME) • PI: E. Owen D. Waygood; team size: 4 researchers	CAD 296,830 2020-2025
McMaster Interdisciplinary Research Fund, Canada EXAMINING TRAFFIC SAFETY CHALLENGES OF OLDER PEDESTRIANS IN CANADA • PI: Antonio Paez; team size: 4 researchers	CAD 42,000 2018-2019
Social Sciences and Humanities Research Council, Canada DO CLOSED SCHOOLS MEAN DISAPPEARING VALUE? EXPLORING THE DECAPITALIZATION OF EDUCATION IN NEIGHBOURHOOD HOUSE PRICES IN HAMILTON • PI: Christopher Higgins; team size: 2 researchers	CAD 49,705 2017-2018
Labrage Optimal Aging Initiative, Canada 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 • PI: Amanda Grenier; team size: 4 researchers	CAD 50,449 2014-2015
McMaster University, Canada INCENTIVE FUNDING • PI: Antonio Paez; team size: 1 researchers	CAD 5,000 2014
Natural Sciences and Engineering Research Council, Canada CRITICAL INFRASTRUCTURE: EVALUATING THE EFFECT OF NETWORK TOPOLOGY AND AUTOCORRELATION • PI: Antonio Paez; team size: 1 researchers	CAD 95,000 2011-2016
Canadian Institutes of Health Research, Canada ENHANCING THE MOBILITY AND HEALTH OF OLDER ADULTS • PI: Heather McKay; team size: 6 researchers	CAD 25,000 2011
Canadian Institutes of Health Research, Canada WALK THE TALK: TRANSFORMING THE BUILT ENVIRONMENT TO ENHANCE MOBILITY IN SENIORS • PI: Heather McKay; team size: 10 researchers	CAD 1,500,000 2010-2016
Canadian Institutes of Health Research, Canada CANADA’S BLOOD FUTURES: GEOGRAPHY, DEMOGRAPHIC CHANGE, AND THE SUPPLY AND DEMAND OF BLOOD IN CANADA • PI: Antonio Paez; team size: 4 researchers	CAD 240,723 2010-2013
Social Sciences and Humanities Research Council, Canada PARKS, SHOPS, AND FRIENDS: HOW DO THE BUILT AND SOCIAL ENVIRONMENTS INFLUENCE TRAVEL BEHAVIOR? • PI: Antonio Paez; team size: 2 researchers	CAD 91,550 2010-2012
Arts and Research Board McMaster University, Canada CONFERENCE GRANT • PI: Antonio Paez; team size: 1 researchers	CAD 1,326 2010
Human Resources and Social Development Canada, Canada 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

Social Sciences and Humanities Research Council, Canada	<i>CAD 106,500</i>
UNDERSTANDING BARRIERS TO PARTICIPATION IN SPORT AND OTHER PHYSICAL ACTIVITIES	<i>2008-2011</i>
• PI: Darren M. Scott; team size: 2 researchers	
Centre for Leadership in Learning McMaster University, Canada	<i>CAD 800</i>
DEVELOPING A WEB-BASED SURVEY TO COLLECT STUDENT TRAVEL BEHAVIOR INFORMATION	<i>2008</i>
• PI: Antonio Paez; team size: 1 researchers	
North American Regional Science Council, US	<i>USD 500</i>
TRAVEL GRANT	<i>2008</i>
• PI: Antonio Paez; team size: 1 researchers	
Human Resources and Social Development Canada, Canada	<i>CAD 56,804</i>
SPATIAL MISMATCH IN CANADIAN COMMUNITIES: THE SOCIO-ECONOMIC OUTCOMES OF TRANSPORTATION INFRASTRUCTURE AND ACCESS	<i>2008</i>
• PI: Antonio Paez; team size: 5 researchers	
Social Sciences and Humanities Research Council, Canada	<i>CAD 40,000</i>
BLOOD DONOR RESEARCH: INDIVIDUAL DETERMINANTS AND GEOGRAPHICAL PROFILE OF BLOOD DONORS	<i>2007-2008</i>
• PI: Antonio Paez; team size: 3 researchers	
Arts and Research Board McMaster University, Canada	<i>CAD 2,045</i>
CONFERENCE GRANT	<i>2007</i>
• PI: Antonio Paez; team size: 1 researchers	
Social Sciences and Humanities Research Council, Canada	<i>CAD 88,212</i>
SOCIAL INFLUENCE ON TRAVEL BEHAVIOR: A CASE STUDY OF THE DECISION TO TELECOMMUTE	<i>2005-2007</i>
• PI: Antonio Paez; team size: 2 researchers	
Natural Sciences and Engineering Research Council, Canada	<i>CAD 8,660</i>
INTERNATIONAL WORKSHOP FRONTIERS IN TRANSPORTATION: SOCIAL AND SPATIAL INTERACTIONS	<i>2005</i>
• PI: Antonio Paez; team size: 4 researchers	
Arts and Research Board McMaster University, Canada	<i>CAD 2,703</i>
CONFERENCE GRANT	<i>2005</i>
• PI: Antonio Paez; team size: 1 researchers	
McMaster University, Canada	<i>CAD 5,000</i>
INCENTIVE FUNDING	<i>2004</i>
• PI: Antonio Paez; team size: 1 researchers	
Centre for Leadership in Learning McMaster University, Canada	<i>CAD 3,078</i>
USING SPREADSHEETS AND GRAPHICS TO IMPROVE MATHEMATICAL INTUITION IN GEOGRAPHICAL PROBLEM SOLVING: THE CASE OF LOCATIONAL ANALYSIS	<i>2004</i>
• PI: Antonio Paez; team size: 1 researchers	
Natural Sciences and Engineering Research Council, Canada	<i>CAD 105,000</i>
MODELING CONTINUOUS-SPACE CONTEXTUAL EFFECTS IN TRANSPORTATION SYSTEMS	<i>2003-2007</i>
• PI: Antonio Paez; team size: 1 researchers	
Geomatics for Informed Decisions (GEOIDE), Canada	<i>CAD 150,000</i>
TRANSPORTATION IMPLICATIONS OF CANADA'S AGING SOCIETY	<i>2003-2004</i>
• PI: Darren M. Scott; team size: 6 researchers	
McMaster University, Canada	<i>CAD 50,000</i>
START-UP FUNDS	<i>2002</i>
• 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 12,094 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

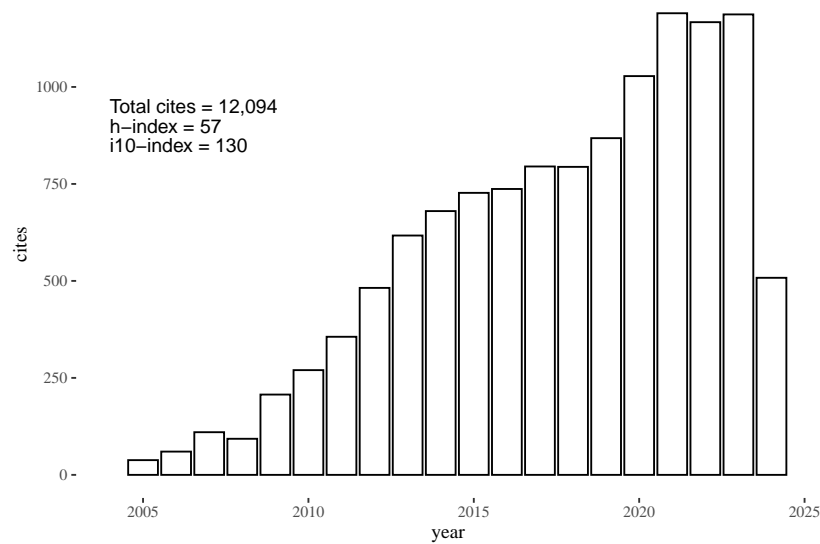


Figure 3: Citations per year (data from Google Scholar)

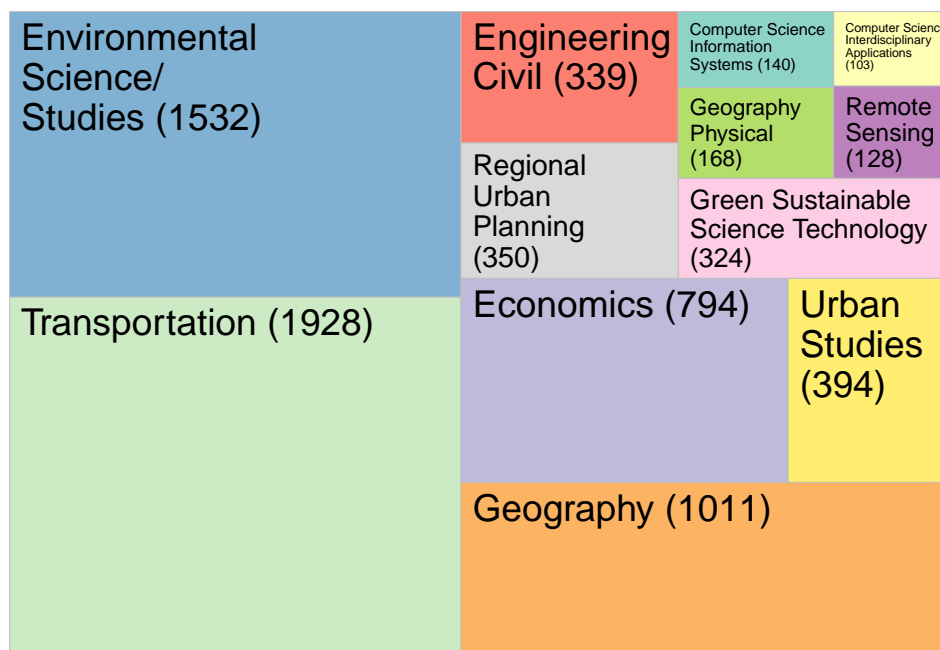


Figure 4: Citations by field (data from Web of Science)

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 7,321 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

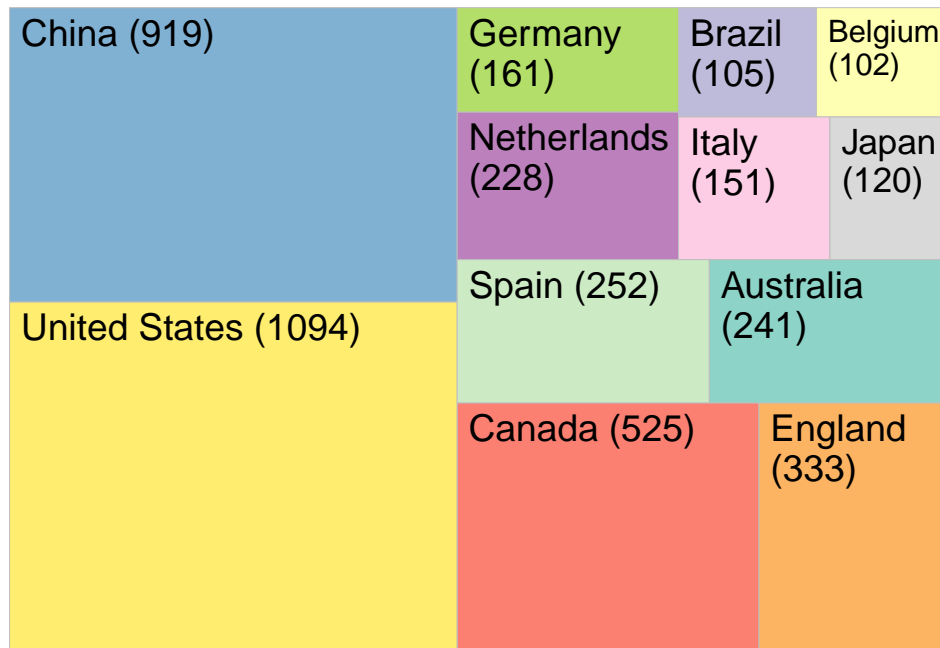
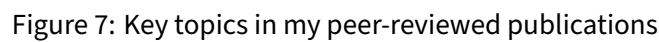


Figure 5: Citations by country (data from Web of Science)



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



AT A GLANCE

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	154	3.34	7	12 (8%)	34 (22%)	61 (40%)	31 (20%)	16 (10%)

Lifetime Publications

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

1. Franklin, R. S., Leeuwen, E. S. van, & Páez, A. (2018). *Population loss: The role of transportation and other issues*. Academic Press.
2. Kanaroglou, P., Delmelle, E., & Páez, A. (2015). *Spatial analysis in health geography*. Ashgate Publishing, Ltd.
3. Páez, A., Gallo, J., Buliung, R. N., & Dall'erba, S. (2009). *Progress in spatial analysis: Methods and applications*. Springer Science & Business Media.

BOOK CHAPTERS

1. Barbosa, E., Féres, J., Haddad, E., & Páez, A. (2020). Climate change and land use pattern in brazil. In J.-C. Thill (Ed.), *Innovations in urban and regional systems: Contributions from GIS&t, spatial analysis and location modeling* (pp. 443–472). Springer International Publishing. https://doi.org/10.1007/978-3-030-43694-0_20
2. Franklin, R. S., Leeuwen, E. S. van, & Páez, A. (2018). *Transportation where people leave: An introduction* (Vol. 2, pp. 1–14). www.scopus.com
3. Páez, A., López-Hernández, F. A., Ortega-García, J. A., & Ruiz, M. (2016). *Clustering and co-occurrence of cancer types: A comparison of techniques with an application to pediatric cancer in Murcia, Spain* (pp. 47–68). www.scopus.com
4. Páez, A. (2016). *Access and social complexity: Identifying and managing access requirements across social groups and across the world* (pp. 190–217). www.scopus.com
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6. Mur, J., & Páez, A. (2012). *Local weighting matrices or the necessity of flexibility* (Vol. 75, pp. 193–212). www.scopus.com
7. Páez, A., Le Gallo, J., Buliung, R. N., & Dall'Erba, S. (2010). *Progress in spatial analysis: introduction* (Vol. 63, pp. 1–13). www.scopus.com
8. Farber, S., Páez, A., & Volz, E. (2010). *Topology, dependency tests and estimation bias in network autoregressive models* (Vol. 63, pp. 29–57). www.scopus.com
9. Páez, A., & Wheeler, D. C. (2009). *Geographically weighted regression* (pp. 407–414). www.scopus.com

PEER-REVIEWED JOURNAL ARTICLES (PUBLISHED)

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2. 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>
3. Rey-Blanco, D., Arbués, P., López, F. A., & Páez, A. (2024). Using machine learning to identify spatial market segments. A reproducible study of major Spanish markets. *Environment and Planning B: Urban Analytics and City Science*, 51(1), 89–108. <https://doi.org/10.1177/23998083231166952>
4. Merrall, J., Higgins, C. D., & Páez, A. (2024). What's a school worth to a neighborhood? A spatial hedonic analysis of property prices in the context of accommodation reviews in ontario. *Geographical Analysis*, 56(2), 217–243. <https://doi.org/https://doi.org/10.1111/gean.12377>
5. Jamal, S., & Páez, A. (2024). Exploring modal shift in non-active sustainable transport modes during the first wave of COVID-19 in bangladesh. *Multimodal Transportation*, 3(2), 100130. <https://doi.org/https://doi.org/10.1016/j.multra.2024.100130>
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8. Soukhov, A., & Páez, A. (2023). TTS2016R: A data set to study population and employment patterns from the 2016 Transportation Tomorrow Survey in the Greater Golden Horseshoe Area, Ontario, Canada [Journal Article]. *Environment and Planning B: Urban Analytics and City Science*, 50(2), 556–563. <https://doi.org/10.1177/23998083221146781>

9. Santos, B. D. dos dos, Ribeiro, R. M., Páez, A., Kampel, M., Pinho, C. M. D. de, & Amaral, S. (2023). State-of-the-art and framework for identifying urban patterns by remote sensing data [Journal Article]. *Revista Brasileira de Cartografia*, 75. <https://doi.org/10.14393/rbcv75n0a-67966>
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11. Cheng, L., Wang, J., & Páez, A. (2023). Mobility of older adults and the living environment: introduction [Journal Article]. *Journal of Transport Geography*, 106, 103525. <https://doi.org/https://doi.org/10.1016/j.jtrangeo.2022.103525>
12. Brum-Bastos, V., & Páez, A. (2023). Hägerstrand meets big data: Time-geography in the age of mobility analytics [Journal Article]. *Journal of Geographical Systems*, 25(3), 327–336. <https://doi.org/10.1007/s10109-023-00421-0>
13. 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>
14. 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>
15. Páez, A. (2022). Reproducibility of research during COVID-19: Examining the case of population density and the basic reproductive rate from the perspective of spatial analysis [Journal Article]. *Geographical Analysis*, 54(4), 860–880. <https://doi.org/10.1111/gean.12307>
16. Desjardins, E., Tavakoli, Z., Páez, A., & Waygood, E. O. (2022). Children's access to non-school destinations by active or independent travel: A scoping review. In *International Journal of Environmental Research and Public Health* (Electronic Article No. 19; Vol. 19). <https://doi.org/10.3390/ijerph191912345>
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24. Páez, A. (2021). Open spatial sciences: An introduction [Journal Article]. *Journal of Geographical Systems*, 23(4), 467–476. <https://doi.org/10.1007/s10109-021-00364-4>
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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>

2. Rey-Blanco, D., Arbues, P., Lopez, F., & Paez, A. A geo-referenced micro-data set of real estate listings for Spain's three largest cities. *Environment and Planning B: Urban Analytics and City Science*, 0(0), 23998083241242844. <https://doi.org/10.1177/23998083241242844>

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 Transport 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

- Instructor

Toronto, Canada

May 28-2024

Creating Programmatic CVs with R

SCHOOL OF EARTH, ENVIRONMENT AND SOCIETY, MCMASTER UNIVERSITY

- Presenter

Hamilton, Canada

April 15-2024

Open Educational Resources: What, Why and How?

UNIVERSIDAD COMPLUTENSE DE MADRID

- Presenter

Madrid, Spain

June 12-2023

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

MCMASTER UNIVERSITY

- Instructor

Hamilton, Canada

April 14 and 21-2023

Accessibility and Threshold Selection

POLYTECHIQUE MONTRÉAL

- Presenter

Montréal, Canada

May 20-2022

Creating Programmatic CVs with R

SCHOOL OF EARTH, ENVIRONMENT AND SOCIETY, MCMASTER UNIVERSITY

- Presenter

Hamilton, Canada

April 4-2022

Invited Talks, Seminars, Workshops, Courses, and Panels

LIFETIME TALKS, SEMINARS, WORKSHOPS, PANELS

My lifetime number of talks is 122.

DETAILS

Just transportation

POLYTECHIQUE MONTRÉAL

- Colloque Annuel de la Chaire Mobilité, Presenter

Montréal, Canada

June 3-2024

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

PLANNING AND TRANSPORT RESEARCH CENTRE, THE UNIVERSITY OF WESTERN AUSTRALIA

- John Taplin Memorial Lecture, Keynote Speaker

Perth, Australia

March 21-2024

Collaborative Reproducible Research using R and GitHub Illustrated with a Spatial Analysis Project

BUSINESS DATA ANALYTICS, THE UNIVERSITY OF WESTERN AUSTRALIA

- Workshop, Instructor

Perth, Australia

March 20 and 22-2024

Introducing spatial availability, a singly-constrained accessibility measure

KARLSRUHE INSTITUTE OF TECHNOLOGY-ITAS

- Workshop, Instructor

Karlsruhe, Germany

February 20-2024

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

INSTITUTO NACIONAL DE PESQUISAS ESPACIAIS

- GEOINFO 2023, Keynote Speaker

São José dos Campos, Brazil

December 4-2023

Open Science for All

MCMASTER REPRODUCIBILITY

- Invited Talk, Speaker

Hamilton, Canada

October 17-2023

Introducing spatial availability, a singly-constrained accessibility measure

POLYTECHIQUE MONTRÉAL

- Workshop, Instructor

Montréal, Canada

October 7-2023

Ciencia Abierta para Todos (Open Science for All) UNIVERSIDAD DE MURCIA • VIII Jornadas Doctorales, Keynote Speaker	Murcia, Spain June 27-2023
Reality or wishful thinking: Network attributes of 15-minute neighbourhoods UNIVERSIDADE DE COIMBRA • NECTAR Joint Workshop Clusters 6 and 7 on Urban and Transport Planning for Sustainable Urban Living, Presenter	Coimbra, Portugal June 22-2023
Profiling the 15-min pedshed from the perspective of network attributes POLYTECHIQUE MONTRÉAL • Colloque Annuel de la Chaire Mobilité, Presenter	Montréal, Canada June 14-2023
How is active school travel (AST) framed in Ontario NEW YORK UNIVERSITY, CENTER FOR URBAN SCIENCE AND PROGRESS • Invited Seminar, Presenter	New York City April 7-2023
Spatial availability: a way to measure accessibility to competitive opportunities NORTHERN ILLINOIS UNIVERSITY • Invited Seminar, Presenter	DeKalb, Illinois, USA February 17-2023
Reproducible Research Workflow RESEARCH DATA MANAGEMENT COMMUNITY OF PRACTICE - MCMASTER UNIVERSITY • Invited Talk, Speaker	Hamilton, Canada January 26-2023
An introduction to exploratory data analysis in R ALMA MATER STUDIORUM - UNIVERSITÀ DI BOLOGNA IN RIMINI • Invited workshop, Instructor	Rimini, Italy November 14, 17, and 18-2022
An introduction to exploratory data analysis in R GRAN SASSO SCIENCE INSTITUTE • Invited workshop, Instructor	L'Aquila, Italy June 10, 20, 24, 27 and 29-2022
Framing Active School Travel in Ontario, Canada POLYTECHIQUE MONTRÉAL • Colloque Annuel de la Chaire Mobilité, Presenter	Montréal, Canada May 19-2022
Mobilizing Justice: Developing Data-Driven Equity Standards NEWCASTLE UNIVERSITY • Invited Seminar, Presenter	Newcastle-upon-Tyne, UK May 4-2022
Spatial Data and Analytics ALAN TURING INSTITUTE • SAD Interview, Interviewee	Newcastle-upon-Tyne, UK May 3-2022
Developing a companion package to support teaching spatial statistics with Introduction to Spatial Data Analysis and Statistics MACPHERSON INSTITUTE AND MCMASTER UNIVERSITY LIBRARY • Lightning Round: Teaching in the Open at McMaster, Panelist	Hamilton, Canada March 7-2022
Introducing Spatial Availability: A Singly Constrained Measure of Accessibility INSTITUTO DE PESQUISA ECONÔMICA APLICADA • Invited Talk, Speaker	Brasília, Brazil December 10-2021
Investigación Reproducible DOCTORADO EN ECONOMÍA INTERUNIVERSITARIO • VI Jornadas de Doctorado y Seminarios Novel, Keynote Speaker	Cartagena, Spain November 29-2021
Creation of a Living Textbook for Teaching Spatial Statistics MACPHERSON INSTITUTE AND MCMASTER UNIVERSITY LIBRARY • Lightning Round: Teaching in the Open at McMaster, Panelist	Hamilton, Canada October 28-2021
Examining spatial equity of bike share: A balanced floating catchment area approach POLYTECHIQUE MONTRÉAL • Colloque Annuel de la Chaire Mobilité, Presenter	Montréal, Canada May 25-2021
What's a school worth to a neighborhood GRAN SASSO SCIENCE INSTITUTE • Invited Seminar, Presenter	L'Aquila, Italy March 17- 2021

Transportation research seminar ITE TRANSPORTATION RESEARCH SEMINAR (McMASTER CHAPTER) • Invited Talk, Speaker	Hamilton, Canada October 1-2020
Using CycleStreets and spatial interaction analysis to infer cycling routes POLYTECHIQUE MONTRÉAL • Colloque Annuel de la Chaire Mobilité, Presenter	Montréal, Canada June 16-2020
Big data and behavioral analysis TRANSYT, UNIVERSIDAD POLITÉCNICA DE MADRID • Invited Talk, Speaker	Madrid, Spain July 9-2019
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 DEPARTMENT OF APPLIED ECONOMICS, UNIVERSIDAD AUTÓNOMA DE MADRID • Invited Talk, Speaker	Madrid, Spain July 8-2019
Accessibility in Infrastructure Poor Regions DEPARTMENT OF CIVIL, ENVIRONMENTAL, AND GEOMATICS ENGINEERING, ETH ZURICH • Invited Talk, Speaker	Zurich, Switzerland July 1-2019
Big data and behavioral analysis UNIVERSIDAD POLITÉCNICA DE CARTAGENA • XXIII Applied Economics Meeting, Keynote Speaker	Cartagena, Spain June 6-2019
Cost Functions for Accessibility by Walking POLYTECHIQUE MONTRÉAL • Colloque Annuel de la Chaire Mobilité, Presenter	Montréal, Canada May 21-2019
McMaster Research Data Forum McMASTER LIBRARY, RHPCS, MACDATA, AND THE TIER 3 RESEARCH DATA MANAGEMENT IT COMMITTEE • McMaster Research Data Forum, Panelist	Hamilton, Canada December 18-2018
Accesibilidad a los servicios de salud DEPARTMENT OF GEOGRAPHY, UNIVERSIDAD COMPLUTENSE DE MADRID • Invited Talk, Speaker	Madrid, Spain June 5-2018
Developing Dashboards to Communicate Transportation Information POLYTECHIQUE MONTRÉAL • Colloque Annuel de la Chaire Mobilité, Presenter	Montréal, Canada May 23-2018
Methodology: spatial statistics with R GRAN SASSO SCIENCE INSTITUTE • Short Course, Instructor	L'Aquila, Italy March 12 to 14-2018
Travel and Time Poverty among Canadian Single Parent Households UNIVERSITY OF TORONTO • CIHR Workshop: Considering the role of Time Pressure and Geography In Food Shopping and dietary behaviours, Speaker	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 • Invited Talk, Speaker	Cambridge, UK October 11-2017
A simple indicator for inequality analysis in activity/travel behavior BARTLETT SCHOOL OF PLANNING, UNIVERSITY COLLEGE LONDON • Invited Talk, Speaker	London, UK October 9-2017
Exploratory spatial data analysis of categorical data REGIONAL SCIENCE ASSOCIATION INTERNATIONAL-GRAN SASSO SCIENCE INSTITUTE SUMMER SCHOOL • Invited workshop, Instructor	L'Aquila, Italy July 3 to 4-2017
Spatial Clustering of Traveller Attitudinal Profiles POLYTECHIQUE MONTRÉAL • Colloque Annuel de la Chaire Mobilité, Presenter	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

- Invited Talk, Speaker

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

- Invited Talk, Speaker

Concepción, Chile

March 6-2017

Indicators for inequality analysis in activity/travel behavior

TRANSPORT EQUITY ANALYSIS COST ACTION

- Invited Seminar, Presenter

Thessaloniki, Greece

May 6-2015

Accessible Accessibility Research Challenges

ASSOCIATION OF AMERICAN GEOGRAPHERS

- Fleming Lecture in Transport Geography (Prof. Bert van Wee), Discussant

Chicago, USA

April 23-2015

Transportation and Spatial Analysis

DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF CALIFORNIA SANTA BARBARA

- Invited Talk, Speaker

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

- Invited Seminar, Presenter

Birmingham, UK

January 12-2015

Selected topics in spatial analysis

THE UNIVERSITY OF WESTERN AUSTRALIA BUSINESS SCHOOL

- Invited workshop, Instructor

Perth, Australia

December 12 to 17-2014

Mobility for sustainable communities

THE UNIVERSITY OF WESTERN AUSTRALIA

- Invited Talk, Speaker

Perth, Australia

December 15-2014

Mobility-based geodemographics

THE UNIVERSITY OF WESTERN AUSTRALIA

- Invited Talk, Speaker

Perth, Australia

December 10-2014

Mapping traveler attitudes: Does space matter?

DEPARTMENT OF SPATIAL SCIENCES, CURTIN UNIVERSITY

- Invited Talk, Speaker

Perth, Australia

December 8-2014

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

- Workshop Low-Carbon Cities: Land Use and Transportation Intervention, Speaker

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

- Invited Talk, Speaker

Dallas, USA

May 26-2014

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

POLYTECHIQUE MONTRÉAL

- Colloque Annuel de la Chaire Mobilité, Presenter

Montréal, Canada

May 13-2014

Mobility and the potential for social contact among children in Montréal

UNIVERSITY OF UTRECHT

- Living in Enclave Cities: Towards Mobility-Based Perspectives on Urban Segregation, Speaker

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

- Invited Talk, Speaker

Monterrey, Mexico

February 18-2014

Accounting for facility congestion using individual-based estimates of accessibility

INSTITUTE FOR PROSPECTIVE TECHNOLOGICAL STUDIES, EUROPEAN COMMISSION

- NECTAR Cluster 6 Meeting, Speaker

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

- Panel Session, Panelist

Washington, D.C., USA

January 12-2014

Special Topics in Spatial Analysis

UNIVERSIDADE FEDERAL DE PERNAMBUCO

- Invited Seminar, Instructor

Recife, Brazil

July 8 to 12-2013

Mobility for Sustainable Communities

SHAD VALLEY MCMASTER

- Invited Talk, Speaker

Hamilton, Canada

July 4-2013

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

SCHOOL OF GEOSCIENCES, UNIVERSITY OF ABERDEEN

- Invited Talk, Speaker

Aberdeen, UK

May 20-2013

Mapping Traveler Attitudes: Does Space Matter?

POLYTECHIQUE MONTRÉAL

- Colloque Annuel de la Chaire Mobilité, Presenter

Montréal, Canada

May 13-2013

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

DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF UTAH

- Invited Talk, Speaker

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

- Invited Seminar, Presenter

Hamilton, Canada

February 4-2013

Web-based accessibility calculator for Montréal

POLYTECHIQUE MONTRÉAL

- Colloque Annuel de la Chaire Mobilité, Presenter

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

- Invited Talk, Speaker

Murcia, Spain

May 3-2012

Mapping traveler attitudes: Does space matter?

CENTER FOR URBAN TRANSPORTATION RESEARCH, UNIVERSITY OF SOUTH FLORIDA

- Invited Talk, Speaker

Tampa, USA

April 20-2012

Time geography and potential applications for space-time scheduling

DEPARTMENT OF CIVIL ENGINEERING, MCMASTER UNIVERSITY

- Invited Seminar, Presenter

Hamilton, Canada

April 13-2012

Developing a web-based accessibility calculator prototype

SCHOOL OF GEOGRAPHICAL SCIENCES AND URBAN PLANNING, UNIVERSITY OF PENNSYLVANIA

- Invited Talk, Speaker

Philadelphia, USA

January 18-2012

Using the Q statistic to explore segregation patterns of ethnic groups

SCHOOL OF GEOGRAPHICAL SCIENCES AND URBAN PLANNING, ARIZONA STATE UNIVERSITY

- Invited Talk, Speaker

Tempe, USA

January 13-2012

Developing a web-based accessibility calculator prototype

CENTRE FOR HIP HEALTH AND MOBILITY, UNIVERSITY OF BRITISH COLUMBIA

- Symposium "If We Build It Will They Walk?", Presenter

Vancouver, Canada

November 1-2011

Walkable schools for sustainable communities

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

- Invited Talk, Speaker

Hamilton, Canada

September 14-2011

Spatial analysis: Progress, prospects, and challenges DEPARTMENT OF GEOGRAPHY AND ENVIRONMENTAL MANAGEMENT, UNIVERSITY OF WATERLOO • Invited Talk, Speaker	<i>Waterloo, Canada</i> September 13-2011
Introduction to spatial interaction and modal split analysis UNIVERSIDADE DE SÃO PAULO • Graduate Seminar, Instructor	<i>São Paulo, Brazil</i> August 23-2011
From meso-scale analysis to micro-scale environments: A model-based approach for selecting walkability audit sites LATTICE, UNIVERSIDADE FEDERAL DE PERNAMBUCO • Invited Talk, Speaker	<i>Recife, Brazil</i> August 15-2011
Modeling spatial heterogeneity in multivariate regression analysis UNIVERSIDADE FEDERAL DE PERNAMBUCO • Graduate Seminar, Instructor	<i>Recife, Brazil</i> August 15 to 16-2011
Applied Spatial Modeling THE UNIVERSITY OF WESTERN AUSTRALIA BUSINESS SCHOOL • Seminar, Instructor	<i>Perth, Australia</i> July 11 to 13-2011
Rapid Transit: Does it Drive Local Economic Development? 3RD ANNUAL TRANSLOG CONFERENCE • Panel Session, Panelist	<i>Hamilton, Canada</i> June 15-2011
Accessibility measures and the contribution of spatial models POLYTECHIQUE MONTRÉAL • Colloque Annuel de la Chaire Mobilité, Presenter	<i>Montréal, Canada</i> May 10-2011
Accesibilidad y actividad comercial: Teoría y métodos DEPARTMENT OF TRANSPORTATION, UNIVERSIDAD POLITÉCNICA DE MADRID • Invited Talk, Speaker	<i>Madrid, Spain</i> April 8-2011
Movilidad en la tercera edad: Conceptos y evidencia DEPARTMENT OF TRANSPORTATION, UNIVERSIDAD POLITÉCNICA DE MADRID • Transport Sustainability Course, Instructor	<i>Madrid, Spain</i> April 7-2011
A model-based approach to select case sites for conducting walkability audits DEPARTMENT DE GENIES CIVIL, GEOLOGIQUE ET DES MINES, ECOLE POLYTECHNIQUE MONTRÉAL • Invited Talk, Speaker	<i>Montréal, Canada</i> February 25-2011
From meso-scale analysis to micro-scale environments: A model-based approach for selecting walkability audit sites SCHOOL OF DESIGN, UNIVERSITY OF PENNSYLVANIA • Invited Talk, Speaker	<i>Philadelphia, USA</i> February 15-2011
On the confluence of social and spatial networks: an example of sense of community among university students UNIVERSITY OF MANCHESTER • Workshop Social Network Analysis in Transport, Presenter	<i>Manchester, UK</i> January 11-2011
Using the Q statistic to explore segregation patterns of ethnic groups DEPT. OF ECONOMICS, UNIVERSIDADE FEDERAL DE PERNAMBUCO • Invited Talk, Speaker	<i>Recife, Brazil</i> August 26-2010
Spatial pricing and the analysis of point patterns UNIVERSIDADE FEDERAL DE PERNAMBUCO • Graduate Seminar, Instructor	<i>Recife, Brazil</i> August 24 to 25-2010
Selected topics in spatial analysis UNIVERSIDADE DE SÃO PAULO • Graduate Seminar, Instructor	<i>São Paulo, Brazil</i> August 12 and 27-2010
Mobility and social exclusion: analytical framework and state of knowledge CENTRE FOR HIP HEALTH AND MOBILITY, UNIVERSITY OF BRITISH COLUMBIA • Symposium "Walk-the-Talk: Linking Research and Community on the Built Environment for Healthy Aging", Keynote Speaker	<i>Vancouver, Canada</i> April 20-2010

Riding cars with seniors: Accessibility implications of mode of travel

EDINBURGH COLLEGE OF ART

- UK-Canada Study Tour "The Science of Age-Supportive Environments", Speaker

Edinburgh, UK

March 11-2010

Mobility in aging: Time geography perspectives

LONDON METROPOLITAN UNIVERSITY

- UK-Canada Study Tour "The Science of Age-Supportive Environments", Speaker

London, UK

March 10-2010

Mobility and social exclusion: Results of recent research in Canada

TRANSPORT STUDIES UNIT, UNIVERSITY OF OXFORD

- Invited Talk, Speaker

Oxford, UK

March 4-2010

Social influence and the decision to telework

UNIVERSITY OF NOTTINGHAM

- Workshop Social Network Analysis in Transport, Speaker

Nottingham, UK

March 2-2010

Demographic aging and sustainable transportation

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

- Invited Talk, Speaker

Montréal, Canada

February 18-2010

Positive and Normative Aspects of Accessibility Measurements

INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE-URBANISATION CULTURE SOCIÉTÉ

- Invited Talk, Speaker

Montréal, Canada

February 16-2010

Social Networks and Information and Communication Technology: Implications for Activities in Real and Virtual Spaces

89TH ANNUAL MEETING OF THE TRANSPORTATION RESEARCH BOARD

- Panel Session, Panelist

Washington, D.C., USA

January 13-2010

Selected topics in spatial analysis

UNIVERSIDADE DE SÃO PAULO

- Graduate Seminar, Instructor

São Paulo, Brazil

August 18-2009

Networks and behavior

INSTITUTO NACIONAL DE PESQUISAS ESPACIAIS

- Invited Talk, Speaker

São José dos Campos, Brazil

August 14-2009

Introducing spatial analysis in transportation research

DEPT. OF TRANSPORT ENGINEERING, UNIVERSIDADE SÃO PAULO-SAO CÂRLOS

- Invited Talk, Speaker

Sao Cãrlos, Brazil

August 6-2009

Elección de modos de transporte y planificación de infraestructuras

TRANSYT, UNIVERSIDAD POLITÉCNICA DE MADRID

- Graduate Seminar, Instructor

Madrid, Spain

July 15-2009

Publishing in a spatial analysis journal

ANNUAL MEETING OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS

- Panel Session, Panelist

Las Vegas, USA

March 22-2009

Análisis espacial y sistemas de transporte, matrimonio de conveniencia o amor a segunda vista?

DEPT. OF OF CIVIL ENGINEERING, UNIVERSIDAD DE CONCEPCIÓN

- Invited Talk, Speaker

Concepción, Chile

March 12-2009

Uso de tiempo y exclusión social en Canadá: Una investigación de actividades comerciales y de servicios desde la perspectiva de grupos vulnerables

DEPT. OF OF CIVIL ENGINEERING, UNIVERSIDAD DE CONCEPCIÓN

- Invited Talk, Speaker

Concepción, Chile

March 9-2009

Mobility and social exclusion in Canadian communities: An empirical investigation of opportunity access and deprivation from the perspective of vulnerable groups

HUMAN RESOURCES AND SOCIAL DEVELOPMENT CANADA

- Presentation of Final Report, Presenter

Ottawa, Canada

February 13-2009

Modeling activity spaces using short term travel surveys

SCHOOL OF URBAN PLANNING, MCGILL UNIVERSITY

- Invited Talk, Speaker

Montréal, Canada

February 12-2009

Econometric techniques for urban transport and land use analysis

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

- Short Course, Instructor

Montréal, Canada

February 9 to 12-2009

Social Networks and Travel

88TH ANNUAL MEETING OF THE TRANSPORTATION RESEARCH BOARD

- Panel Session, Panelist

Washington, D.C., USA

January 11-2009

Jobs and the Single Parent: Accessibility Analysis in the City of Toronto

FACULTY OF ECONOMICS, ADMINISTRATION, AND ACCOUNTING OF THE UNIVERSIDADE DE SÃO PAULO

- Invited Talk, Speaker

São Paulo, Brazil

October 31-2008

Selected topics in spatial analysis

UNIVERSIDADE DE SÃO PAULO

- Short Course, Instructor

São Paulo, Brazil

October 23 and 30-2008

A simulation investigation of weight matrix coding schemes

UNIVERSIDAD POLITÉCNICA DE CARTAGENA

- 3rd Seminar of Spatial Econometrics Jean Paelinck, Keynote Speaker

Cartagena, Spain

October 10-2008

Movilidad Sostenible

UNIVERSIDAD INTERNACIONAL MENÉNDEZ PELAYO

- Invited Talk, Speaker

Santander, Spain

July 31-2008

Spatial analysis of property prices, a comparison of techniques and heuristics

INSTITUTE FOR ECONOMIC GEOGRAPHY AND GISCIENCE, VIENNA UNIVERSITY OF ECONOMICS AND BUSINESS ADMINISTRATION

- Invited Talk, Speaker

Vienna, Austria

July 25-2008

Modelos locales: reflexiones sobre su utilidad para análisis inferencial e interpolación espacial

INSTITUTE LAWRENCE R. KLEIN, UNIVERSIDAD AUTÓNOMA DE MADRID

- Invited Talk, Speaker

Madrid, Spain

July 17-2008

Técnicas econométricas para el análisis de sistemas de transporte y usos de suelo urbano

DEPARTMENT OF TRANSPORTATION, UNIVERSIDAD POLITÉCNICA DE MADRID

- Graduate Seminar, Instructor

Madrid, Spain

June 23 to 25-2008

Pruebas de hipótesis en estadísticos y modelos espaciales locales

UNIVERSIDAD POLITÉCNICA DE CARTAGENA

- Invited Talk, Speaker

Cartagena, Spain

June 20-2008

Topología de redes y econometría espacial

DEPARTMENT OF ECONOMICS, UNIVERSIDAD DE ZARAGOZA

- Invited Talk, Speaker

Zaragoza, Spain

May 23-2008

”Riding in Cars with Seniors” Geographical perspectives on transportation modes and distance traveled by the elderly

DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF TORONTO IN MISSISSAUGA

- Invited Talk, Speaker

Mississauga, Canada

March 12-2008

Eliciting travel cost information using a web-based data collection tool:

Preliminary results from a graduate teaching project

DEPARTMENT OF CIVIL ENGINEERING, UNIVERSITY OF TORONTO

- Invited Talk, Speaker

Toronto, Canada

November 30-2007

Transportation and spatial analysis: Marriage of convenience or love at second sight?

DEPARTMENT OF GEOGRAPHY, RYERSON UNIVERSITY

- Invited Talk, Speaker

Toronto, Canada

November 19-2007

Spatial analysis and travel behavior

DEPARTMENT OF GEOGRAPHY, STATE UNIVERSITY OF NEW YORK AT BUFFALO

- Invited Talk, Speaker

Buffalo, USA

February 23-2007

Networks, social influence, and behavior: Current research and outstanding challenges STATE UNIVERSITY OF NEW YORK AT BUFFALO • Geographic Information Science Integrative Graduate Education and Research Training Program, Presenter	Buffalo, USA February 23-2007
Integrated Land-use and Transportation Models: Frameworks, Models and Applications UNIVERSITY OF TORONTO • Processus: Second International Colloquium on the Behavioural Foundations of Integrated Land-use and Transportation Models, Discus- sant	Toronto, Canada June 12 to 15-2005
Spatial effects in hedonic price functions CENTRE FOR THE STUDY OF COMMERCIAL ACTIVITY, RYERSON UNIVERSITY • Invited Talk, Speaker	Toronto, Canada July 22-2003
Spatial parametric nonstationarity WILFRIED LAURIER UNIVERSITY • Students of Spatial Statistics (SOS2), Speaker	Waterloo, Canada March 13-2003

External Service

Steering Committee MEMBER	Modeling Geographical Systems Commission (International Geographical Union) 2020-present
Benjamin H. Stevens Graduate Fellowship CHAIR	North American Regional Science Council 2013
International Advisory Committee MEMBER	Chaire de recherche industrielle MOBILITÉ (Polytechnique Montreal) 2011-present
Standing Committee on Social and Economic Factors of Transportation MEMBER	Transportation Research Board 2011-2016
Transport Geography Specialty Group 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)

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	<i>Faculty of Science, McMaster University</i>
MENTOR	<i>September 2023-April 2024</i>
2022 NSERC CGM-Master Ranking Committee	<i>Faculty of Science, McMaster University</i>
MEMBER	<i>September 2021-March 2022</i>
2021 CPM Committee	<i>School of Earth, Environment and Society, McMaster University</i>
MEMBER	<i>February 2022-March 2022</i>
2019 CPM Committee	<i>School of Earth, Environment and Society, McMaster University</i>
MEMBER	<i>February 2020-March 2020</i>
Graduate Committee	<i>School of Earth, Environment and Society, McMaster University</i>
MEMBER	<i>July 2019-April 2020</i>
2018 CPM Committee	<i>School of Earth, Environment and Society, McMaster University</i>
MEMBER	<i>February 2019-March 2019</i>
Search Committee Geology Hire	<i>School of Geography and Earth Sciences, McMaster University</i>
CHAIR	<i>June 2018-April 2019</i>
Search Committee Teaching Stream Hire	<i>School of Geography and Earth Sciences, McMaster University</i>
CHAIR	<i>June 2017-May 2018</i>
Teaching Workload Committee	<i>School of Geography and Earth Sciences, McMaster University</i>
MEMBER	<i>July 2014-July 2015</i>
University Librarian Search Committee	<i>McMaster University</i>
MEMBER	<i>January 2013-July 2013</i>
Space Committee	<i>School of Geography and Earth Sciences, McMaster University</i>
MEMBER	<i>July 2011-July 2014</i>
Tenure and Promotion Committee	<i>Faculty of Science, McMaster University</i>
MEMBER	<i>July 2010-July 2013</i>
High School and Community Outreach, Publicity Committee	<i>School of Geography and Earth Sciences, McMaster University</i>
MEMBER	<i>July 2010-July 2011</i>
Building safety committee	<i>School of Geography and Earth Sciences, McMaster University</i>
MEMBER	<i>July 2009-July 2010</i>
Space Committee	<i>School of Geography and Earth Sciences, McMaster University</i>
MEMBER	<i>July 2007-July 2008</i>
Publicity Committee	<i>School of Geography and Earth Sciences, McMaster University</i>
MEMBER	<i>July 2006-July 2008</i>
Search Committee Geography Hire	<i>School of Geography and Earth Sciences, McMaster University</i>
MEMBER	<i>September 2006-April 2007</i>

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