

Curriculum Vitae (January 2012)

Peter Allan Johnson, PhD

Postdoctoral Researcher and Lecturer
Department of Geography, McGill University
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Research Interests

The development, use, and evaluation of geospatial technology in planning; agent-based modeling for generating planning scenarios; tourism planning and development; participatory, community-based use of geospatial technology; developing Geoweb tools; open access data

Academic Appointments

Assistant Professor, Department of Geography and Environmental Management

University of Waterloo, Waterloo, ON. (07/2012 - present)

Postdoctoral Researcher, Department of Geography

McGill University, Montreal, QC. (01/2010 - 06/2012)

Project title: "Geoweb and community planning in rural Quebec", Supervisor: Dr. Renee Sieber

Education

PhD in Geography (2005 - 2010), McGill University, Advisor: Dr. Renee Sieber

MA in Geography (2001 - 2003), University of Waterloo, Advisor: Dr. Judith Cukier

BA in Recreation and Leisure Studies and Geography, Co-op program (1997 - 2001), University of Waterloo, Advisor: Dr. Judith Cukier

External Research Funding

(2009 - 2012) The Geoweb and community planning in rural Quebec (3 years, with Dr. Renee Sieber) **\$291,000**. Funded primarily by the Quebec Ministry of Governmental Services program "Appui au passage à la société de l'information".

Awards, Scholarships, and Distinctions

Date	Name	Value (CDN\$)
2010	GEOIDE (Geomatics for Informed Decisions National Centre of Excellence): Invited representative at the Vespucci Initiative Summer Institute for the Advancement of Geographic Information Science, Florence, Italy	\$3,500
2008	Canadian Association of Geographers Tourism and Recreation Study Group: Best Student Presentation Award	Honour
2008	Spatial Knowledge and Information Canada Conference 2008: Best Student Presentation Award	\$2,000
2008	McGill University Graduate and Postdoctoral Studies Office: Department of Geography Fellowship Award	\$5,000
2007-2009	Fonds québécois de la recherche sur la société et la culture (FQRSC): Bourse de doctorat en recherche	\$53,000
2007	The Peter W. Williams Award for the Advancement of Multi-Disciplinary Tourism Research: Presented by the Travel and Tourism Research Association of Canada	\$3,000

Academic Contributions

Refereed Publications

In press. **Johnson, P. A.**, & Sieber, R. E. Motivations driving government adoption of the Geoweb. *GeoJournal*. DOI:10.1007/s10708-011-9416-8

2011. **Johnson, P. A.**, Belblidia, N., & Campbell, S. Creating open-access data for community development: Identifying vacant land parcels in Detroit, Michigan. *Journal of the Urban and Regional Information Systems Association (URISA)*. 23(2), 33-37.

2011. **Johnson, P. A.**, & Sieber, R. E. An agent-based approach to providing tourism planning support. *Environment and Planning B*. 38(3), 486-504.

2011. **Johnson, P. A.**, & Sieber, R. E. Negotiating constraints to the adoption of agent-based

modeling for tourism planning in Nova Scotia. *Environment and Planning B*. 38(2), 307-321.

2011. **Johnson, P. A.**, Sieber, R.E., Ariwi, J., & Magnien, N., Mining the Web: User-generated content as a data source for tourism research. *Current Issues in Tourism*. DOI: 10.1080/13683500.2011.555528.

2010. **Johnson, P. A.** Realizing rural community-based tourism development: prospects for social economy enterprises. *Journal of Rural and Community Development*. 5(1), 150-162.

2010. **Johnson, P. A.**, & Sieber, R. E. An individual-based model of tourism dynamics. *Tourism Analysis*. 15(5), 517-530.

2009. **Johnson, P. A.**, & Sieber, R. E. Agent-based modeling: A dynamic scenario planning approach to tourism PSS. In S. Geertman & J. Stillwell (Eds.), *Planning Support Systems: Best Practices and New Methods*. Berlin: Springer.

Other Publications

In press. **Johnson, P.A.** A quantitative methods primer: A review of Quantitative Methods in Tourism, by R. Baggio, and J. Klobas. *Tourism Geographies*.

2009. **Johnson, P.A.** Visioning Local Futures: Agent-Based Modeling as a Tourism Planning Support System. Unpublished PhD Thesis, McGill University, 214 pp.

2003. **Johnson, P.A.** Exploring the Ecological Footprint of Tourism in Ontario. Unpublished Masters Thesis, University of Waterloo, 118 pp.

2002. **Johnson, P.A.** Scrubbing the Greenwashers. *Alternatives Journal: Canadian Environmental Ideas and Action*. 28(4).

2001. **Johnson, P.A.** Backpacker Transportation Modes, Routes and Destinations: Mapping Tourist Flows in Ontario and Quebec. Unpublished Honours Bachelor of Arts Thesis, University of Waterloo, 51 pp.

Invited/Refereed Presentations

2011. **Johnson, P.A.** *Using the Geoweb to engage communities in environmental and economic decision-making*. Presented at the 1st Annual Rural Research Workshop hosted by the

Federation of Canadian Municipalities and the Canadian Rural Revitalization Foundation, Ottawa, Ontario, May 5th, 2011.

Johnson, P.A. *What motivates governments to invest in the Geoweb? Evidence from rural development in Quebec.* Presented at the Volunteered Geographic Information (VGI) – Research progress and new developments AAG 2011 pre-conference, Seattle, Washington, April 11th, 2011.

2009. **Johnson, P.A.** *Experimenting with the drivers of creative class migration: An agent-based modelling approach.* Presented at the Martin Prosperity Institute: Experience the Creative Economy conference 2009, University of Toronto, Ontario, June 23rd, 2009.

2008. **Johnson, P.A.** *Planning support systems for sustainable tourism development.* Invited presentation for the 2008 University of Waterloo Tourism Lecture Series, University of Waterloo, Waterloo, Ontario, October 17th, 2008.

Johnson, P.A. *Visioning local futures: The development of a computerized tourism planning support system.* Presented at the Spatial Knowledge and Information Canada (SKI) Conference 2008, Fernie, British Columbia, February 15th, 2008. Student Presentation Award.

2007. **Johnson, P.A.** *Tourism planning support system (PSS) development in Nova Scotia.* Invited presentation for the Travel and Tourism Research Association – Canada Annual Conference 2007, Charlottetown, Prince Edward Island, October 18th, 2007.

Recent Non - Refereed Conference Presentations

2012. Sieber, R. E., Lussier, A., Quinn, P., and **Johnson, P.A.** *Community Activism, Watershed Management, and the Geospatial Web 2.0.* Presented at the American Association of Geographers Annual Meeting, New York, New York, February 28th, 2012.

2011. **Johnson, P.A.** *What motivates governments to collect and use VGI? Evidence from rural development in Quebec.* Presented at the Canadian Association of Geographers Annual Meeting, Calgary, Alberta, June 3rd, 2011.

Johnson, P.A. *Using the Geoweb to engage communities in economic and environmental decision-making.* Presented at the American Association of Geographers Annual Meeting, Seattle, Washington, April 15th, 2011.

2010. **Johnson, P.A.** *What motivates governments to invest in the Geoweb? Evidence from rural Quebec.* Presented at the GEOIDE Project 41 “Connecting Rural Communities through the Geoweb: Ideas, Challenges & Realities” workshop, Montreal, Quebec, November 19th, 2010.
2009. **Johnson, P.A.** *Mining the Web: How user-generated content can become a data source for tourism research.* Presented at the Travel and Tourism Research Association – Canada Annual Conference 2009, Guelph, Ontario, October 15th, 2009.
- Johnson, P.A.** *Social Economy Enterprises: Prospects for rural tourism development.* Presented at the Canadian Association of Geographers Annual Meeting 2009, Ottawa, Ontario, May 28th, 2009.
- Johnson, P.A.** *Modeling destination competition: Tourist destinations as adaptive agents.* Presented at the American Association of Geographers Annual Meeting 2009, Las Vegas, Nevada, March 24th, 2009.
2008. **Johnson, P.A.** *Experimenting with dynamic tourism scenarios: An agent-based approach.* Presented at the Canadian Association of Geographers Annual Meeting 2008, Quebec City, Quebec, May 22nd, 2008. Tourism and Recreation Study Group Student Presentation Award.
2006. **Johnson, P.A.** *Modeling tourism development in Nova Scotia.* Presented at the Association of American Geographers Annual Conference 2006, Chicago, Illinois, March 11th, 2006.

Recent Teaching Experience

Lecturer: Geography 506 Advanced GIS.

McGill University, Department of Geography, Montreal, QC
January 2012 – April 2012

Lecturer: Geography 307 Socioeconomic Applications of GIS.

McGill University, Department of Geography, Montreal, QC
January 2010 – April 2010

Lecturer: Geography 494 Urban Field Studies.

McGill University, Department of Geography, Montreal, QC
September 2008 – December 2008

Academic Service

Academic Community

- Organizer for paper session ‘Geoweb for Community Development: Case Studies and Theory’. 2011 American Association of Geographers Annual Meeting in Seattle, WA, April 12-16, 2011
- Chair for paper session ‘GIS and Citizen Science: Methods and Tools’. 2011 American Association of Geographers Annual Meeting in Seattle, WA, April 12-16, 2011
- Organizer for paper session ‘Adoption and Use of Volunteered Geographic Information in Governance’. 2011 Canadian Association of Geographers Annual Meeting in Calgary, Alberta, May 31-June 4, 2011.
- Reviewer for:
 - Current Issues in Tourism (2011)
 - Environmental Modeling and Software (2008)
 - e-Review of Tourism Research (2008)
 - GeoJournal (2011)
 - International Journal of Tourism Research (2011)
 - Journal of Community Informatics (2010, 2011)
 - Journal of Rural and Community Development (2010)
 - Journal of Sustainable Tourism (2011)
 - The Geographical Bulletin (2011)
 - Transactions in GIS (2011)