

CURRICULUM VITAE

ANDREW GONZALEZ

Date of Birth: 14 May 1972

Citizenship: British

Address: McGill University
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Summary:

I blend theory and experiment to address three research themes: 1) The causes and consequences of biodiversity loss, 2) biodiversity, ecosystem functioning and services in heterogeneous environments, 3) Eco-evolutionary dynamics of environmental change.

Education:

1994-1998 Ph.D., Dept. Biology, Imperial College, University of London, UK

1991-1994 University of Nottingham, Nottingham, UK
B.Sc. (Honours) Zoology

Professional Experience:

Academic Positions

June 2009 Director of the *Quebec Centre for Biodiversity Science*.

June. 2008 Associate Professor (tenured), McGill University, Montréal, Canada

Sept. 2005 Associate Member of the McGill School for Environment

Sept. 2003 Associate Professor (untenured), McGill University, Montréal, Canada.

2001-2003 Associate Professor, University of Paris VI, Paris, France.

1999-2001 Assistant Professor (untenured), University of Paris VI, Paris, France.

Research Experience

Post-Doctoral:

1999 CNRS Poste Rouge: Lab. d'Ecologie, Ecole Normale Supérieure, Paris, France.

1998 NERC Centre for Population Biology, Silwood Park, UK.

Awards and Distinctions

2011 Tomlinson Science Award, Faculty of Science, McGill University.
 2004-2014 Canada Research Chair II in Biodiversity science
 1999 Pierre and Marie Curie European Post Doctoral Fellowship (declined).

Research Grants Awarded:

Major Grants and Awards Presently Held:

2009-2015	PI, FQRNT Regroupement strategique : Quebec Centre for Biodiversity Science.	\$550 000/yr
2009-2014	Canada Research Chair in Biodiversity Science	\$100 000/yr
2009-2014	NSERC Discovery Grant (5 years funding)	\$34, 000/yr

Major Grants Pending Decision. Total amount requested: \$1 777 555/yr for 5 years.

2010	NSERC Strategic Project Grants: Ecosystem services, biodiversity, and landscape connectivity. E. Bennett, A Gonzalez, M. Lechowicz.	\$150 000 /yr
2010	NSERC Strategic Networks, ARCBIO, Paul Hebert (PI), A. Gonzalez (36 others).	\$1M/yr
2010	Ouranos Research Grant. Ecological networks for climate change	\$125 000/yr
2011	NSERC Create Environmental Genomics. D. Schoen (PI), A Gonzalez (co-pi with 9 others)	\$300 000/yr
2011	FQRNT Team Grant. M. Loreau (PI), A. Gonzalez, F. Guichard.	\$110 000
2011	FQRNT Team Grant. V. Millien (PI), F. LaPointe, N. Ogden, A Gonzalez	\$85 000

Major Grants and Awards Previously Held:

2007-2010	FQRNT Team Grant (3 years), A. Gonzalez (PI), F. Guichard and M. Loreau: "Les causes et conséquences de la perte de la biodiversité: vers l'intégration des complexités spatiale et trophique"	
	Operating funds	\$47 500/yr
	Equipment funds	\$36 935
2004	Canada Foundation for Innovation	\$551 945
2006	NSERC Equipment Grant (with M. Lechowicz)	\$20 000
2003	NERC Research Grant. F.S. Gilbert, P. Crittenden and A. Gonzalez:	£105 000

Publications:**Refereed Journal Publications**

- (44) Bell, G. and Gonzalez, A. (2011) Range Adaptation and Evolutionary Rescue During Environmental Change. *Science* (in review).
- (43) Pillai, P., Loreau, M. and Gonzalez, A. (2011) The spatial emergence of food web complexity. *Science* (in review).
- (42) Gonzalez, A., Lindo, Z. and Rayfield, B. (2011) Impacts of habitat destruction and fragmentation on ecological network structure and function. *American Journal of Botany* (in press).
- (41) Cardinale, B. and 8 others (2011) Functional role of producer diversity in ecosystems. *American Journal of Botany* (in press).
- (40) Mouquet, N., Matthiessen, B., Miller, T. and Gonzalez, A. (2011) Extinction debt in source-sink metacommunities. *PLoS One* (in press)
- (39) Anand, M., Gonzalez, A., Guichard, F., Kolasa, J. and Parrott, L. (2010) An Ecological Perspective on Complexity: Diversity, Scale, Memory and Environmental Variability. *Diversity* 2010, 2(3): 398-410 doi:10.3390/d2030395
- (38) Lindo, Z., and Gonzalez, A. (2010) The bryosphere: an integral and influential component of the Earth's biosphere. *Ecosystems* 10.1007/s10021-010-9336-3
- (37) Chisholm, C., Lindo, Z. and Gonzalez, A. (2010) Metacommunity diversity depends on network connectivity and arrangement in heterogeneous landscapes. *Ecography* (online early).
- (36) Millien, V., Roy-Dufresne, E., and Gonzalez, A. Distinguishing the indistinguishable: Rapid and parallel morphological change in two similar co-occurring species of *Peromyscus* over the last 50 years. (in review).
- (35) Millien, V. and Gonzalez, A. The maximal body mass-area relation in island mammals. *Journal of Biogeography* (in review).
- (34) O'Farrill, G., Gauthier-Schampaert, K., Bodin, O., Gonzalez, A., and Sengupta, R. Disruption of the functional connectivity of a continuous and protected tropical forest. (in review)
- (33) Gonzalez, A. (2009) Metacommunities: spatial community ecology. *Encyclopedia of Life Sciences*.
- (32) O'Farrill, G.X., Calmé, S., Sengupta, R. and Gonzalez, A. (2009) Effective seed dispersal by remnant megafauna: a large-scale field experiment reveals the role of the Baird's tapir. (in revision)
- (31) Staddon, P., Lindo, Z., Crittenden, P., Gilbert, F., Gonzalez, A. (2009). Connectivity, non-random extinction, and ecosystem function in experimental metacommunities. *Ecology Letters* 13: 543-552.

- (30) Bell, G. and Gonzalez, A. (2009) Evolutionary rescue can prevent extinction following environmental change. *Ecology Letters* 12: 942-948.
- (29) Gonzalez, A. and Loreau M. (2009) Causes and consequences of compensatory dynamics in ecological communities. *Annual Reviews of Ecology, Evolution and Systematics* 40: 393-414.
- (28) Gouhier, T., Guichard, F. and Gonzalez, A. (2009) Synchrony and stability of food webs in metacommunities. *American Naturalist* 175:E16-E34.
- (27) Pillai, P., Loreau, M. and Gonzalez, A. (2009) A patch-dynamic framework for food web metacommunities. *Theoretical Ecology* .
- (26) Holland, T., Peterson, G.D., Gonzalez, A. (2009) Economic inequality predicts biodiversity loss: a cross-national analysis. *Conservation Biology* DOI: 10.1111/j.1523-1739.2009.01207.x
- (25) Perron, G., Gonzalez, A. and Buckling, A. (2008) The rate of environmental change drives adaptation to an antibiotic sink. *Journal of Evolutionary Biology* 21: 1724-1731.
- (24) Hendry, A. and Gonzalez, A. (2008) Whither Adaptation? *Biology and Philosophy* DOI: 10.1007/s10539-008-9126-x.
- (23) Gardezi, T. and Gonzalez, A. (2008) Scale dependence of the species-energy relationship: evidence from fishes in thousands of lakes. *American Naturalist* 171(6): 800-815.
- (22) Gonzalez, A., Lambert, A. and Ricciardi, T. (2008) When does ecosystem engineering facilitate invasion and species replacement. *Oikos* 117: 1247-1257.
- (21) Perron, G, Gonzalez, A. and Buckling, A. (2007) Source-sink dynamics shape the evolution of antibiotic resistance and its pleiotropic fitness costs. *Proceedings of the Royal Society, London*. doi:10.1098/rspb.2007.0640
- (20) Mikkelsen, G.M., Gonzalez, A., Peterson, G.D. (2007) Economic inequality predicts biodiversity loss. *PLoS ONE* 2: e444.
- (19) Matthews, D. P. and Gonzalez, A. (2007) The inflationary effects of environmental fluctuations ensure the persistence of sink metapopulations. *Ecology* 88 (11): 2848-2856.
- (18) Wright, D. H., Gonzalez, A. and Coleman, D. C. (2007) Changes in nestedness in experimental communities of soil fauna undergoing extinction. *Pedobiologia* 50: 497-503.
- (17) Massin, N. and Gonzalez, A. (2006) Adaptive radiation in a fluctuating environment: disturbance affects the evolution of diversity in a bacterial microcosm. *Evolutionary Ecology Research* 8: 1-11.
- (16) Descamps-Julien B. and Gonzalez A. (2005) Stable coexistence in a fluctuating environment: an experimental demonstration. *Ecology* 86: 2815-2824.
- (15) Fontaine, C. and Gonzalez A. (2005) Population synchrony induced by resource fluctuations and dispersal in an aquatic microcosm. *Ecology* 86: 1463-1471.
- (14) Gonzalez, A. and Descamps, B. (2004) Population and community stability in a

- fluctuating environment. *Oikos* 106:105-116.
- (13) Leibold, M. A., Holyoak, M., Mouquet, N., Amarasekare, P., Chase, J. M., Hoopes, M. F., Holt, R. D., Shurin, J. B., Law, R., Tilman, D., Loreau, M., Gonzalez, A. (2004) The metacommunity concept: a framework for multi-scale community ecology. *Ecology Letters* 7: 601-613.
 - (12) Srivastava, D.S., Kolasa, J., Bengtsson, J., Gonzalez, A., Lawler, S. P., Miller, T. E., Munguia, P., Romanuk, T., Schneider, D. C., Trzcinski, K. M. (2004) Are natural microcosms useful model systems for ecology? *Trends in Ecology and Evolution* 19: 379-384.
 - (11) Loreau, M., Mouquet, N. Gonzalez, A. (2003) Biodiversity as spatial insurance in heterogeneous landscapes. *Proceedings of the National Academy of Sciences, USA* 100: 12765-12770.
 - (10) Holt, R. D., Barfield, M., Gonzalez, A. (2003) Impacts of environmental variability in open populations and communities: "Inflation" in sink environments. *Theoretical Population Biology* 64: 315-330.
 - (9) Gonzalez, A. and Chaneton, E. (2002) Heterotrophic extinction, abundance and productivity in a fragmented microecosystem. *Journal of Animal Ecology* 71, 594-603.
 - (8) Gonzalez, A. and Holt, R. D. (2002). The inflationary effects of environmental fluctuations in source-sink systems. *Proceedings of the National Academy of Sciences, USA*, 99: 14872-14877.
 - (7) Gonzalez, A. (2000) Community relaxation in fragmented landscapes: the relation between species, area and age. *Ecology Letters* 3: 441-448.
 - (6) Cohen, J. E., Newman, C. M., Cohen, A. E., Petchey, O. L. P., Gonzalez, A. (1999) Spectral Mimicry: A method for synthesizing matching time series with different Fourier Spectra. *Circuits, Systems and Signal Processing* 18: 431-442.
 - (5) Gilbert, F. S., Gonzalez, A. and Evans-Freke, I. (1998) Corridors maintain species richness in fragmented landscapes of natural microecosystems. *Proceedings of the Royal Society London, Series B* 265: 577-582.
 - (4) Cohen, A. E., Gonzalez, A., Lawton, J. H., Petchey, O. L. and Cohen, J. E. (1998) A novel experimental apparatus to study the impact of white noise and 1/f noise on animal populations. *Proceedings of the Royal Society London, Series B*: 265: 11-15.
 - (3) Gonzalez, A., Lawton, J. H., Gilbert, F. S., Blackburn, T. M. and Evans-Freke, I. (1998). Metapopulation dynamics, abundance and distribution in a microecosystem. *Science* 281: 2045-2047.
 - (2) Petchey, O. L., Gonzalez, A. and Wilson, H. (1997) Effects on population persistence: the interaction between environmental noise colour, intraspecific competition and space. *Proceedings of the Royal Society London, Series B* 264: 1841-1847.
 - (1) Gonzalez, A., Rowe, C., Weekes, P., Whittle, D., Gilbert, F. S. and Barnard, C. J. (1994) Flower choice by honey bees (*Apis mellifera* L.) sex phase of flowers and preferences among nectar and pollen foragers. *Oecologia* 101: 258-266.

Refereed Book Chapters

- (7) O'Farrill, G. and A. Gonzalez. " Ecología y Conservación del tapir en la Región de Calakmul". In Ceballos, G., I. Lira, G. X. O'Farrill and A. Nolasco (eds.) " El tapir en México: Estudios de Caso y Conservación".
- (6) Gonzalez, A., Mouquet, N., and Loreau, M. (2009) Biodiversity as spatial insurance: the effects of fragmentation and dispersal on ecosystem functioning. To appear in: Naeem, S., Bunker, D, Hector, A. Loreau, M. and Perrings. C., eds., "Biodiversity, Ecosystem Functioning and Ecosystem Services". Oxford University Press
- (5) Gonzalez, A. and De Feo, A. (2007) Environmental variability modulates the insurance effects of diversity in nonequilibrium communities. pp. 159-177. In The impact of environmental variability on ecological systems. Eds. Vasseur, D. and McCann, K. Springer-Verlag.
- (4) Potvin, C., Chapin III, FS, Gonzalez, A., Leadley, P., Reich, P. and Roy, J. (2007) Plant biodiversity and responses to elevated carbon dioxide. pp. 125-134. In Terrestrial ecosystems in a changing world. Eds. Canadell, J., Pataki, D. and Pitelka, L. Springer-Verlag.
- (3) Gonzalez, A. (2005) Local and regional community dynamics in fragmented landscapes: insights from a bryophyte-based microcosm. pp. 146-170. In Metacommunities: spatial dynamics and ecological communities. Eds. Holyoak, M., Leibold, M. A. and Holt. R. D. The University of Chicago Press, Chicago.
- (2) Chase J. Amarasekare P. Cottenie K. Gonzalez, A. Holt R. Holyoak M. Hoopes Law R. M. Leibold M. A. Loreau M. Mouquet N. Shurin J. Tilman D. (2005). Competing theories for competitive metacommunities. pp. 335-355. In Metacommunities: spatial dynamics and ecological communities. Eds. Holyoak, M., Leibold, M. A. and Holt. R. D. The University of Chicago Press, Chicago
- (1) Loreau, M., Downing A., Emmerson, M., Gonzalez A., Hughes J., Inchausti , P., Joshi J., Norberg, J., O. Sala. O. (2002) A new look at the relationship between diversity and stability. pp. 79-91. In Biodiversity and ecosystem functioning: synthesis and perspectives. Oxford University Press, Oxford.

Published Technical Reports and Book Reviews

- O'Farrill, G., Calmé, S., and Gonzalez, A. (2007) Interacciones en peligro: El caso del tapir y el zapote. Ecofronteras 18-20. ECOFRONTERAS 31:18-20.
- O'Farrill, G., Calmé, S., and Gonzalez, A. (2006) *Manilkara zapota*: A new record of a species dispersed by tapirs. Tapir Conservation 15: 32-35.
- Gonzalez, A. and Lawton, J. H. (1997) Food webs: integration of patterns and dynamics. Book Review. Journal of Ecology 85: 401-403.

Dissertations

- Gonzalez, A. (1998) Extinction: The role of habitat fragmentation and environmental variability. Ph.D. thesis, pp. 157, University of London.

Popular Science Articles

- Gonzalez, A. (2007) Increasing inequality threatens biodiversity. Scitizen, 29 May,

Professional Roles and Service:

Departmental Service:

Committees:

Graduate Training Committee (2007-2009)

Curriculum committee (2004-present)

Seminar committee (2003-2006, Chair 2006)

Ad hoc member of committee for Departmental Chair (2005).

Ad hoc member of committee for Owen McMillan's application for Associate Status, Dept. Biology (2010).

Ad hoc member of committee for Colin Chapman's application for Associate Status, Dept. Biology (2005).

Faculty search committees:

Biodiversity Science (April 2009)

Conservation Biology (Dec. 2003)

Invasion Biology (Feb. 2004)

Thesis Examiner:

Pro-Dean:

Pro-Dean: Ramin Zargham (Dept. of Experimental Medicine, July 9th 2007).

Ph.D. Thesis Internal Examiner: Alex Smith, Oscar Puebla.

M.Sc. Thesis Internal Examiner: David Winchester, Meaghan Murphy, Troy Pretslaw.

Student Supervisory Committees:

Ph.D. committees: Matthew Vavreck, Shawn Leroux, Erika Crispo, Grigoris Kylafis, Maria Ruiz-Jaen, Caolan Kovach-Orr, Diana Sharpe, Itzel Hernandez.

M.Sc. committees: Genevieve Smith, Philip Petrovic, Christian Mazeau, Sarah Wilson, Jean Sébastien Moore, Nathan Sanders, Swanne Gordon, Rowan Barrett, Julie Yee-Law, Shavonne Myer, Allen Laroque.

Qualifying exams:

Katrine Turgeon, Matthew Vavreck, Tamaini Snaith, Julie Morand-Ferron, Tarik Gouhier, Erika Crispo, Maria Ruiz-Jaen, Helen Jensen, Richard Feldman (16 Jan, 2008 Chair).

University Service:

McGill University representative on the advisory board for the Nature Centre at the Gault Nature Reserve, Mont St Hilaire, Qc (2004-present).

External Contributions:

National:

Member of the expert panel for the Council of Canadian Academies formed to evaluate the “The state and trends of biodiversity science in Canada”.

Member of the local organising committee of the inaugural Canadian Society for Ecology and Evolution held in Montreal. April 2006.

International:

Journal Associate Editor:

Journal of Animal Ecology (January 2006-2009)

Oecologia (Sept. 2005-2009).

Invited Evaluator for *Faculty 1000* (<http://www.f1000biology.com/browse/>) since 2006.

Journal Reviewer:

Nature, The American Naturalist, Ecology, Ecology Letters, Ecological Entomology
Freshwater Biology, Journal of Animal Ecology, Oecologia, Oikos, Proceedings of the Royal Society of London.

Grant Referee:

NSERC Discovery grant (2009, 2010)

Fonds de Recherche sur la Nature et les Technologies (Quebec, 2005)

Swiss Science Federation (2005)

UK Natural Environment Research Council (2006)

Canada Research Chair Program (2006, 2007).

NSF (2008)

Undergraduate and Graduate Teaching:

Course	Semester	Role	Contribution
Advances in Community Ecology	Winter	Coordinator	100%
Methods in Biology of Organisms (BIOL206)	Fall	Coordinator	30%
Conservation Biology (BIOL465)	Fall	Co-instructor	33%
Ecological Dynamics (BIOL308)	Fall	Guest Lecturer	1 lecture

Undergraduate Student Supervision:

Honours and Independent Study Students:

Emma Weisbord (Honours 2009, 9 credits), Economic inequality and invasion success.

Carolyn Poutiainen (NSERC summer student, 2009) Climate change and extinction risk.

- Leah Northfield (NSERC summer student, 2009) Dispersal and persistence in patchy populations.
- Chelsea Chisholm (Honours 2009), BIOL479, (9 credits). Do corridors mitigate fragmentation in networks of differing topology.
- Diane Luo (NSERC summer student, and Independent Studies). Inequality and biodiversity loss.
- Daniel Gartner (Honours 2007, BIOL479, 9 credits) A model for evaluating the spatial dynamics of biological insurance in fragmented ecosystems.
- Aliya Kelly (Honours 2007, BIOL479, 9 credits) Ecosystem functioning in a moss microecosystem under multiple extinction scenarios.
- David Matthews (Honours 2007, BIOL479, 9 credits) Evolutionary adaptation of *Pseudomonas fluorescens* to antibiotic treatments in source-sink environments.
- Adam Michel (Honours 2006, BIOL479, 9 credits) Evolutionary Adaptation of *Pseudomonas fluorescens* to Thermal Stress in Source-Sink Environments
- David Matthews (NSERC summer student, 2005) The inflationary effects of environmental fluctuations ensure the persistence of sink metapopulations.
- David Matthews (Independent studies BIOL467, 6 credits, 2005-2006) The inflationary effects of environmental fluctuations ensure the persistence of sink metapopulations.
- Martin Kastner (Independent studies BIOL467, 3 credits, 2006). The demographic and metabolic effects of abrupt environmental change in *Paramecium aurelia*.
- Felipe Pérez-Jvostov (Independent studies BIOL467, 3 credits, 2005) Patch connectivity and its importance in a microarthropod community.
- Loubaba Bennis (Independent studies BIOL477, 3 credits, 2005). Habitat fragmentation and population persistence: *Paramecium aurelia* as a model system.
- Jean-Philip Lessard (Independent studies BIOL477, 6 credits, 2004). Local determinants of ant diversity.

Graduate Student Supervision:

Current Post-Docs:

Dr. Cecile Albert, Marie Curie Fellowship, Landscape networks for climate change and biodiversity.

Dr. Zoe Lindo, NSERC Fellowship. Impacts of climate change and fragmentation on a boreal moss ecosystem.

Dr. Bronwyn Rayfield, NSERC Fellowship. Network analytic approaches to habitat fragmentation.

Current students:

Patrick Thompson (Ph.D 1) Metacommunities, resilience and environmental change.

Matthew Mitchell (Ph.D. 2) Biodiversity and ecosystem services in fragmented landscapes.

Michael Pedruski (Ph.D. 2, cosupervised with Dr. Gregor Fussmann). Niche vs. neutral dynamics in metacommunities.

Jonathan Whiteley (Ph.D. 5, NSERC PGS D scholarship): Biodiversity and stability in fluctuating environments. Biology Department.

Edward Wong (M.Sc. 2, co-supervised with Dr. Michel Loreau): Public goods games in a spatial setting: theory and experiment.

Catalina Gomez (M.Sc. 2, co-supervised with Dr. Hector Guzman). Ecology of soft corals in disturbed environments.

PhD and MSc Completed:

Pradeep Pillai (PhD 2011, co-supervised with Dr. Michel Loreau) Food webs in metacommunities. Biology Department.

Georgina O'Farrill (CONACYT scholar, co-supervised with Dr. Raja Sengupta): Functional consequences of mobile link species: tapir seed dispersal in a fragmented ecosystem. Biology Department.

Tariq Gardezi (Ph.D. 2008, co-supervised with Dr. Andrew Hendry): Large-scale ecology of fish diversity in Canada. Biology Department.

Tim Holland (M.Sc., 2008., NSERC PGS M scholarship, co-supervised with Dr. Garry Peterson): Inequality and biodiversity loss in the USA. Geography Department.

Nirmala Massin (Ph.D 2006) Adaptive radiation in heterogeneous environments: effects of dispersal and disturbance. University of Paris VI.

Blandine Descamps (Ph.D. 2005) Diversity and stability in fluctuating environments. University of Paris VI.

Colin Fontaine (Masters 2002) Population synchrony: Dispersal and the Moran effect. University of Paris VI.

Delphine Saudo (Masters 2001; co-supervised with Bernard Cazelles) Population synchrony in complex oscillating populations. University of Paris VI.

Research Assistants and Technicians:

Mark Fox (M.Sc.) Research Technician 2005-2006.

Dr. Yelena Zhimbey, Research Assistant 2006.

Dr. Igor Mitrofanov, Research assistant 2006.

Invited Conferences and Workshops:

Invited Conference Presentations:

Sept. 2010 Biodiversity and Ecosystems Services. RCEN Annual Conference, Montreal.

Aug. 2010 Evolution and climate change, DIVERSITAS, Fukuoka, France.

Aug. 2009 Evolution and climate change, DIVERSITAS, Paris, France.

March 2008 Metacommunities: connectivity, dispersal and invasion. 9th Ecological Integration Symposium, Texas A & M, USA.

April 2007 Biodiversity loss: causes and consequences. Instituto Tecnológico de Chetumal. México.

Aug. 2005 The limits of mechanism in ecology. Special Symposium invited platform speaker. Ecological Society of America, Montreal.

Aug. 2005 Nonequilibrium community ecology: a paleoperspective. Special evening session, invited speaker, ESA Montreal.

Aug. 2004 Community stability, species diversity, and environmental scaling. Special Symposium, ESA Portland, Oregon, USA.

Apr. 2004 Community disassembly in fragmented landscapes: insights from a model system. 'Consider' Conference, Backagarden, Sweden, April 04.

Aug. 2003 Miniature worlds: Are natural microcosms the new model systems for ecology? Special symposium, Ecological Society of America, Savannah, Georgia, USA.

Sept 2002 Metacommunities workshop, NCEAS Santa Barbara, California, USA.

Dec 2000 Biodiversity and ecosystem functioning: synthesis and perspectives conference, Ecole Normale Supérieure, Paris, France.

Sept 1999 Habitat Loss: ecological, evolutionary and genetic consequences. Spatial Ecology Research Program, University of Helsinki, Helsinki, Finland.

July 1999 International Association for Landscape Ecology, 5th World Congress, Aspen, Colorado, USA.

Invited Seminars:

Jan. 2011 Rescue, ranges and robots. Queen's University, Kingston.

- April 2010 Rescue, ranges and robots. Universite de Montpellier, France.
- Feb. 2010 Extinction and persistence in changing environments University of Sherbrooke, Qc.
- Nov. 2009 Adaptation and stability in changing environments. Cornell University.
- Jan. 2009 Persistence and stability in ecological landscapes. Guelph University
- Jan. 2009 Persistence and stability in ecological landscapes. Ecology Center, Utah State University.
- Jan. 2008 STRI, Panama City, Panama.
- Feb. 2007 Biodiversity loss: causes and consequences. STARS, McGill University.
- Nov. 2006 Persistence and stability in ecological landscapes. Université de Montreal, Montreal.
- Feb. 2006 Persistence and stability in ecological landscapes. ECOSUR, Chetumal, Mexico.
- Feb. 2006 Persistence and stability in ecological landscapes. UNAM, Mexico.
- Nov. 2005 Extinction, persistence and stability in ecological landscapes. U. of Calgary, Calgary.
- May 2005 The future of Biodiversity Research. Millenium Assesement release, McGill University
- Jan. 2005 Extinction, persistence and stability in ecological landscapes McMaster University, Hamilton.
- Sept. 2004 Extinction, persistence and stability in ecological landscapes. UQAM, Montreal.
- Oct. 2004 Extinction, persistence and stability in ecological landscapes Queens University, Kingston.
- Oct. 2004 Extinction, persistence and stability in ecological landscapes U. of Ottawa.
- Oct. 2004 Extinction, persistence and stability in ecological landscapes University of Sherbrooke, Sherbrooke.
- Oct 2004. Persistence and stability in ecological landscapes. University of British Columbia, Vancouver.
- Nov. 2004. Persistence and stability in ecological landscapes. University of Toronto.
- Dec. 2004 Biodiversity loss during the anthropocene: will the Earth's ecosystems continue to function? Cutting Edge Lecture Series, McGill University.

Contributed Conference Presentations:

- August 2009 Perron, GG, Gonzalez A and Buckling A. The evolutionary ecology of antibiotic resistance: when the rate of change matters. ESEB. Turin, Italy.
- August 2009 Pillai, P., Loreau, M. and Gonzalez, A. Food webs in metacommunities: a theoretical framework. ESA, Albuquerque. Bonn, Germany.
- June 2009 O'Farrill, G., Gonzalez, A., Calme, S., and Sengupta, R. Tapirs as long distance

seed dispersers: a seed transplant experiment.

August 2007 Gonzalez, A. The inflationary effects of environmental fluctuations ensure the persistence of sink metapopulations. Ecological Society of America, San Jose, California.

August 2007 O’Farrill, G., Gonzalez, A., Calme, S., and Sengupta, R. Tapirs as unique seed dispersers in a changing environment: A large-scale seed germination experiment. Ecological Society of America, San Jose, California.

August 2007 Holland, T., Gonzalez, A., and Peterson, G.D. Ecological Society of America, San Jose, California.

August 1997 Environmental variability and extinction in a protist microcosm. Ecological Society of America, Albuquerque, New Mexico.

Media Coverage:

La Presse, April 2010, Article about my proposal for green corridors for the Montreal island.

La Presse, March 2010, Article about our Ecology Letters paper on corridors.

RDI radio, Feb 2010, Interview about the Quebec Centre for Biodiversity Science

Canal Savoir, January 2010, The Balance of Nature (televised lecture)

Canal Savoir, January 2009, Biodiversity Loss: science and solutions (televised lecture)

CBC Radio, May 16, 2007, Inequality and Biodiversity Loss.

Sept 26th-Oct. 2nd 1998. Road Kill. The Economist.

Oct 1998 BBC Wildlife magazine.

Professional Societies:

Ecological Society of America

Canadian Society for Ecology and Evolution

British Ecological Society