

Sarah Jane Wilson

School of Natural Resources and Environment • University of Michigan
440 Church St., Ann Arbor, MI 48109-1041
Tel: 734-904-7190 • Email: sjwil@umich.edu

EDUCATION

- 2015 **Ph.D.**, Geography: Tropical forest ecology and people, McGill University, Canada.
- 2007 **M.Sc.**, Biology: Freshwater botany, entomology, and invasive species ecology. McGill University, Canada.
- 2004 **B.Sc.**, Honours Biology: Ecology and environment. Bishop's University, Canada.

PROFESSIONAL APPOINTMENTS

- 2014 **DOW Postdoctoral Fellow**, University of Michigan, Ann Arbor, MI.
International Forestry Resources and Institutions (IFRI), School of Natural Resources and Environment and the Graham Institute of Sustainability.

GRANTS AND FELLOWSHIPS

Principle Investigator

- 2016 **Global Travel and Learning Fund**, \$50 000 for the *Future of Forest Work and Communities*, Institute of International Education (IIE) and the Ford Foundation.
- 2016 **SSHRC Postdoctoral Fellowship**, \$82 000, Social Sciences and Humanities Research Council of Canada (SSHRC).
- 2014 **Dow Postdoctoral Fellowship**, \$108 000, Graham Institute for Sustainability and the School of Natural Resources and Environment, University of Michigan.
- 2014 **Postdoctoral Fellowship**, \$70 000, Le Fonds de Recherche du Quebec: Nature et Technologie (FQRNT).
- 2012 **International Development Graduate Research Award**, \$2000, Institute for the Study of International Development (ISID), McGill University.
- 2011 **IDRC Doctoral Research Award**, \$20 000, International Development Research Centre.
- 2011 **Doctoral Research Scholarship**, \$20 000, FQRNT (PI).
- 2009-2010 **Dr. & Mrs. Milton Leong Fellowship**, \$50 000, Faculty of Science, McGill University.
- 2009-2010 **Canadian Graduate Scholarships, Doctoral**, \$70 000, National Science and Engineering Research Council of Canada (NSERC).
- 2011 **GREAT Travel Award**, \$2000, Faculty of Science, McGill University.
- 2011 **Michael Smith Foreign Study Supplement**, \$6000, NSERC.
- 2005- **Post-Graduate Scholarship, Master's**, \$35 000, NSERC.

2006

2005 **McGill Entrance Scholarship**, Dept. of Biology, \$2000, McGill University.

2004 **The McConnell Student Project Fund**, \$2000, Conserving Costa Rican Forest, Bishop's University.

2000-
2004 **Bishop's University Entrance Scholarship**, \$8000, Bishop's University.

Co-Principle Investigator

2016 Incentives or Information? Supporting stronger public-private forest management partnerships in Michigan. \$105 000, McIntire-Stennis Research Program.

2015 Impacts of land grabs on forests and livelihoods, \$170 000 Ethiopia, National Science Foundation.

2013 Mini-Beatty Lecture Series, \$5000, McGill University.

Contributor

2016 Nepal Disaster Follow-Up Survey: Assessing household responses to a major earthquake and understanding how forest policies condition outcomes through panel data analysis. \$80 000. National Science Foundation.

2015 SESYNC (National Socio-Environmental Synthesis Center) Workshop, series of three meetings on Social Dimensions of Reforestation Pathways in the Tropics.

In Progress

2016 The Future of Forest Work and Communities, SSHRC connection grant. Submitted November 1. Co-applicant.

AWARDS AND HONOURS

2015 **Alwyn Gentry Award**, Best Presentation, Association for Tropical Biology and Conservation International Meeting.

2013 **McGill School of the Environment Award for Teaching Assistance Excellence** Top T.A. of 28 eligible, McGill University.

2013 **Heller Fellowship**, Faculty of Science, McGill University.

2013 **Graduate Excellence Award**, Faculty of Science, McGill University.

2011 **L'Oreal Women in Science Mentorship Award**, L'Oreal Canada.

2009 **Trottier Accelerator Fellowship**, Faculty of Science, McGill University.

2009 **Graduate Enrolment and Recruitment Initiative Award**, McGill University.

2009 **Principal's Fellowship**, McGill University.

2007 **Best Oral Presentation**, Interdisciplinary Graduate Student Symp., McGill University.

2004 **The Vice-Chancellor's Prize**, Bishop's University, Granted for 2nd highest academic standing in graduating class.

2004 **The Golden Mitre Award for Community Service**, Bishop's University.

- 2004 **The Arnold N. Langford Prize in Biology**, Dept. of Biology, Bishop's University.
- 2004 **Member Entrance Scholarship**, Golden Key International Honour Society.
- 2002 **The Alumnae Prize**, Bishop's University, Granted to the woman with highest academic standing in the University.
- 2002 **The Leo Sepp Prize in Biology**, Dept. of Biology, Bishop's University.
- 2001 **Rubber Chemical Co. Achievement Award**, Dept. of Chemistry, Bishop's University.
- 2000 **The Undergraduate Prize in Natural Sciences**, Faculty of Science, Bishop's University.
- 2000-2004 **Academic Honour Role**, Bishop's University.

PUBLICATIONS

Peer-Reviewed Journal Articles

Published

Wilson, S.J. Communal management as a strategy for restoring cloud forest landscapes in Andean Ecuador. *World Development Perspectives*. *In press*.

Wilson, S.J. and D. Cagalanan. Governing Restoration: Strategies, adaptations and innovations for tomorrow's forest landscapes. *World Development Perspectives*. *In press*.

Wilson, S.J. and J. Rhemtulla. 2016. Community-based tree planting accelerates forest recovery but creates novel forests in Andean Ecuador. *Ecological Applications*. 26: 203- 203-218.

Chazdon, R.L., H.S. Brancalion, A. Bennett-Curry, K. Buckingham, C. Kumar, L. Laestadius, J. Moll-Rocek, I.C.G.Vieira, and **S.J. Wilson**. 2016. Forest concepts and definitions shape environmental policy in the new era of forest and landscape restoration. *Ambio*. 45: 538–550.

Wilson, S.J. and A. Ricciardi. 2009. Epiphytic macroinvertebrate communities on Eurasian milfoil and native milfoils in Eastern North America. *Canadian Journal of Fisheries and Aquatic Sciences*. 66: 18-30.

Submitted

Wilson, S.J. and J. Rhemtulla. Tree islands in the clouds: How small forest patches disproportionately conserve tree diversity in Andean landscapes. *Submitted to Biotropica*. *Under revisions*.

Watkins, C., B.S. Francisco, **S.J. Wilson**, and J. Zavaleta. Communities of practice in practice for forests and livelihoods. *Submitted to Conservation Biology*. *Accepted pending major revisions*.

Reid, L., **S.J. Wilson**, G. S. Bloomfield, M. E. Cattau, M. Fagan, R. Zahawi. Restoration longevity: How long do restored ecosystems persist? *Submitted to the Annals of the Missouri Botanical Gardens*, *Accepted pending minor revisions*.

Wilson, S.J., Schelhas, J., Grau, R., Nanni, S., and Sloan, S. The ecological dimensions of forest transitions. *Submitted to Ecology and Society*. *Under review*.

Fully drafted

Wilson, S.J. and O.T. Coomes. Crisis restoration in post-frontier tropical environments: Replanting cloud forests in the Ecuadorian Andes. *To be submitted to World Development. In progress.*

Wilson, S.J., O.T. Coomes, and C. Ouelette-Dalairé. Local forest transitions in the Ecuadorian Andes: Forest recovery amidst deforestation, 2001-2010. *To be submitted to Area. In progress.*

In preparation

Brancalion, P., R. Chazdon, L. Reid, L. Tambosi, **S.J. Wilson**, J. Aronson, R. Crouzeilles, G. Fonseca, E. Broadbent, S. Goetz, B. Strassburg. Forest Restoration Hotspots in the Global Subtropics and Tropics. *To be submitted to Science. In progress.*

Wilson, S.J. and A. Agrawal. The future of forest work and communities. *To be submitted to Science. In progress.*

Opinion, Policy, and Technical

Lang, W., M. Rice, L. Ostrom, J. Tatomir, **S.J. Wilson**, and A. Agrawal. 2015. IFRI database codebook. International Forestry Resources and Institutions. University of Michigan, Ann Arbor, MI.

Hoffman, A.J., K. Ashworth, C. Dwelle, P. Goldberg, A. Henderson, L. Merlin, Y. Muzyrya, N. J. Simon, V. Taylor, C. Weisheit, and **S.J. Wilson**. 2015. Academic Engagement in Public and Political Discourse. *Report of the Michigan Meeting on Academic Engagement*. May 13-15, University of Michigan, Ann Arbor, MI.

Jacob, A.L., **S.J. Wilson**, and S.L. Lewis. 2014. Ecosystem services: Forests are more than sticks of carbon. *Nature*. 507: 306.

Wilson, S.J. 2013. Making tree planting projects work for the rural poor in Latin America. Policy brief prepared for the Institute for the Study of International Development (ISID) and the Canadian Development Agency's (CIDA) series *Research to Practice: Strengthening contributions to evidence-based policymaking*.

Wilson, S.J. 2007. Experiential Ecology Tool, Ecology. Ministère de l'Éducation, du Loisir et du Sport du Québec, QC. Educational interactive tool to allow students to experience working as an ecologist.

PRESENTATIONS

Wilson, S.J. 2016. The future of forest work and communities. *Wood at Work 2016: Making Connections across Nature, Policy, Technologies and Cultures*. Oct. 28, New York, NY.

Wilson, S.J., Francisco, B.S., and Radachowsky, J. 2016. Timelines and Trajectories: A researched history of events, interactions, and innovations in community rainforest stewardship. *The Yale Chapter of the International Society of Tropical Foresters, 22th Annual Conference: Tropical Forests for Sustainable Development: Shaping our Post-2015 Future with Knowledge from the Field*. New Haven, CT.

- Wilson, S.J.** 2016. Replanting a Future: Exploring forest-Culture dynamics in the Ecuadorian Andes and Beyond. Public Lecture, University of Victoria. Victoria, BC.
- Wilson, S.J.** and Coomes, O. 2015. Crisis restoration: Ecosystem service scarcity drives forest transitions in the Ecuadorian Andes. *Student Conference on Conservation Science*. American Museum of Natural History. Oct 7-9, New York, NY.
- Wilson, S.J.** and Coomes, O. 2015. Replanting a Future: Restoring cloud forests and farming livelihoods in Andean landscapes. *The Yale Chapter of the International Society of Tropical Foresters, 21st Annual Conference: Conserving Biodiversity Across Multiple Land Uses*.
- Wilson, S.J.** and Rhemtulla, J. 2014. Planting forests with economically useful species accelerates cloud forest recovery in Andean landscapes, but produces novel forests. *The Yale Chapter of the International Society of Tropical Foresters, 20th Annual Conference: Forests as Capital*. New Haven, CT.
- Wilson, S.J.** and Rhemtulla, J. 2013. Community-based forest restoration enhances cloud forest tree diversity, species composition, and abundance of locally useful species in Andean Ecuador. *Society for Ecological Restoration 5th World Conference on Ecological Restoration*. Madison, WI.
- Wilson, S.J.** and Rhemtulla, J. 2013. Not all forests are created equal: Communities restoring forest on Andean pasture in NW Ecuador. *Association of Tropical Biology and Conservation and Organization for Tropical Studies, 50th Anniversary Meeting*. San Jose, Costa Rica.
- Wilson, S.J.** and Coomes, O. 2013. Not all forests are created equal: Patterns and diversity of tree planting on private land and in communal reserves. *McGill Sustainability Research Symposium, 3rd Annual Conference*. Montreal, QC.
- Wilson, S.J.** and Coomes, O. 2013. Barking up the wrong tree? Analyzing who participates in communal and on-farm tree-planting projects—Ecuador. *The Yale Chapter of the International Society of Tropical Foresters, 19th Annual Conference: Food & Forests: Cultivating Resilient Landscapes*. New Haven, CT.
- Wilson, S.J.** and Coomes, O. 2012. Patterns and diversity of tree planting on private land and in communal reserves. *The Yale Chapter of the International Society of Tropical Foresters, 18th Annual Conference: Strategies for Landscape-Scale Restoration in the Tropics*. New Haven, CT.
- Wilson, S.J.** and A. Ricciardi. 2007. Epiphytic macroinvertebrate communities on Eurasian milfoil and native milfoil in Eastern North America. *Canadian Conference For Fisheries Research and Society of Canadian Limnologists (CCFFR – SCL)*. Montreal, QC.
- Wilson, S.J.** and A. Ricciardi. 2006. The exotic Eurasian watermilfoil (*Myriophyllum spicatum*) supports fewer invertebrates than structurally similar native plants. *Interdisciplinary Graduate Student Symposium*, McGill University, Montreal, QC.
- Wilson, S.J.** and A. Ricciardi. 2005. The effects of exotic freshwater plants on the abundance and diversity of aquatic invertebrate communities. *Biology dept. seminar*, McGill University, Montreal, QC.
- Wilson, S.J.** and M. Richardson. The effects of the Eustis mines on benthic invertebrate communities in the Massawippi River, Quebec. *Biology dept. seminar*, Bishop's University, Lennoxville, QC.

RESEARCH EXPERIENCE

- 2016- present **Principle Investigator**, The Future of Forest Work and Communities. A FLARE working group, in conjunction with researchers from around the world.
- 2016- present **Coordinator**, Incentives or Information? Supporting stronger public-private forest management partnerships in Michigan, \$105 000, McIntire-Stennis.
- 2015- present **Co-Founder and Coordinator**. Wood at Work: Elegant strategies for architecture, city-building, and forest conservation. Community of practice that hosts an annual conference; currently developing an international wood database.
- 2016- present **Guest Editor**, Governance innovations for forest landscape restoration, World Development Perspectives.
- 2015- present **Working Group Member**, IFRI, Post-Earthquake recovery in Nepal.
- 2015- **Working Group Member**, Global Restoration Hotspots research group. Project leader Pedro Brancalion.
- 2014- present **Principle Investigator**, Timelines and Trajectories: A history of changes in forest use and reliance in a rainforest community. In partnership with Pilot Projects and the Wildlife Conservation Society.
- 2014- present **Working Group Member**, PARTNERS (People and Reforestation in the Tropics: a Network for Education, Research and Synthesis). Project leader Robin Chazdon. Contracted by the International Union for the Conservation of Nature to define ‘forests’.
- 2014- present **Project Leader**, PARTNERS. *The Ecological Outcomes of Forest Transitions* working group.
- 2014- present **Research Coordinator**, Brooklyn Bridge Forest, Pilot Projects, New York, NY
Conceived and proposed plans for project monitoring, evaluation, and research; designed undergraduate and graduate-level research projects.
- 2014- present **Principle Investigator**, Biodiversity conservation and carbon sequestration in community-managed forests: A global analysis. IFRI.
- 2009- 2014 **Ph.D.**, Dept. of Geography, McGill University
Established an independent research program in a previously little-studied region; designed household surveys on changing forest use, reliance, and livelihoods; collaborated with Ecuadorian research institutions and researchers; and used a mixed-methods approach including livelihood analysis, oral histories, focus groups, tree surveys and soil sampling.
- 2013 **Project Co-Manager**, Historical Ecology and Land-Use Project (HELP), McGill University.
- 2005- 2007 **M.Sc.**, Dept. of Biology, McGill University.
Directed a field research crew of six people for two summers, and a lab team of three. Located and evaluated new field research sites.
- 2004- **Independent Field Research**, Costa Rica Conservation Trust, San Isidro, Costa Rica.

- 2005 Surveyed tropical trees with ecological, economic and cultural importance; created an educational arboretum for locals and visitors to the region.
- 2004 **Research Assistant**, Monteverde Cloud Forest Reserve, Monteverde, Costa Rica. Collected, identified and transplanted trees and epiphytes, including orchids and bromeliads; collaborated with local scientists and guides to create an educational hummingbird garden.
- 2004 **Research Assistant**, William Keeton Lab, University of Vermont, Burlington, VT. Surveyed and identified trees, shrubs, herbs, and ferns; characterized forest structure in old growth and experimentally logged forests.
- 2004 **B.Sc. Honours Project, Biology Dept.**, Bishop's University.

ACADEMIC TEACHING

Appointments at McGill University

- 2014 **Course Evaluation, Introduction to Statistics**, Department of Geography. Designed a plan applying pedagogic theory and techniques to assess the efficacy of flipping a course to an active learning model.
- 2013-2014 **Instructor and Tomlinson Teaching Fellow**, Tomlinson Teaching Project. Designed and taught lectures and workshops training graduate students to teach undergraduate science. 150 students over four workshops.
- 2013 **Instructor, Local Geographical Excursion (40 students)**, Department of Geography. Coordinated, led and debriefed field activities in human geography and forest ecology; facilitated discussions and data analysis.
- 2013, 2011, 2010 **Teaching Assistant, Local Geographical Excursion (20 to 40 students)**, Department of Geography. Taught forestry, map and compass, and urban field research techniques.
- 2013 **Teaching Assistant, Analyzing Sustainability (20 students)**, Department of Geography. Guest lecture: *Academia after undergrad: what do grad students do, anyways?* Facilitated labs, provided student support, assessed analytical assignments and presentations.
- 2013 **Teaching Assistant, Knowledge, Ethics and Environment (180 students)**, McGill School of Environment. Facilitated biweekly discussion seminars; developed activities and discussion questions.
- 2012 **Teaching Assistant, The Global Environment: A Systems Approach (200 students)**, McGill School of Environment. Guest lecture: *Land Use as a Form of Global Change*. Lectured in tutorials and provided student support.
- 2012 **Teaching Assistant, Geographies of Developing Asia (50 students)**, Department of Geography. Guest lecture: *How to Write a Critical Review Essay*.

- 2012 **Teaching Assistant, Livelihoods & Development** (200 students), Department of Geography.
- 2007 **Teaching Assistant, The Evolving Earth** (200 students), McGill School of Environment.
Designed and ran science-researching and –writing workshops; graded exams.
- 2006 **Teaching Assistant, Cell and Molecular Biology**, Department of Biology.
Designed and led tutorials, lectured, and evaluated a lab group of 16 students.
- 2005 **Teaching Assistant, Organismal Biology**, Department of Biology.
Led tutorials, lectures, and taught students to perform ecological surveys in the field.

Appointments at Bishop’s University

- 2003 **Teaching Assistant, Intro Biology for Education Students**, Biology Department.
- 2003 **Teaching Assistant, Botany**, Biology Department.

STUDENTS SUPERVISED

- A. Burgess – *Agroforestry Adoption in Latin America*. Independent study, Dept. of Geography, McGill University. Co-supervisory role (Supervisor Dr. Oliver Coomes). 2013.
- J. Wong – *Multispectral-based Analysis of Land Cover Patterns in the Intag Region in North-West Ecuador*. Independent study, Dept. of Geography, McGill University. Co-supervisory role (Supervisor Jeanine Rhemtulla). 2012.

MENTORING

- 2013- **Founder and Coordinator of the McGill Geography Undergraduate-Graduate**
2014 **Mentorship Program**, Department of Geography, McGill University.
Recruited and trained graduate student mentors and matched them with undergrads.
- 2013 **Organizer and Facilitator**, *Finding Your Coordinates* Alumni Mentorship Panel, Department of Geography, McGill University.
- 2013 **Graduate Student Mentor**, Department of Geography, McGill University.
- 2012- **Journal Editor Mentor**, Undergraduate Research Journal *Field Notes*, McGill University, 2013 Department of Geography, McGill University.
Advised undergraduate editors on the journal editing process, edited submissions and gave in-person feedback to submitting authors.
- 2010- **Mentor for Girls**, Actua, Ottawa, ON.
- 2011 Designed hands-on activities and lectures for girls in science, and introduced them to different careers and opportunities in the field.
- 2006 **Mentor**, Let’s Talk Science, McGill University.
Mentored a project assessing water quality in the St. Lawrence River.

ENVIRONMENTAL OUTREACH AND TEACHING

- 2016 **Coordinator and Educator**, Design competition for forests and livelihoods logo for FLARE. Presented forests and livelihoods concepts at Ann Arbor schools, grades K-12.

- 2016 **Case Study Author**, SESYNC, Annapolis, MD. Designed a case focused on Nepal to teach undergraduate students about community based forestry.
- 2014-
present **Educational Programming and Curriculum Designer**, Brooklyn Bridge Forest, New York, NY.
Developing curriculum to teach science and arts to students K-12 using this sustainable supply chain as a model and case study. Designed graduate-level research projects.
- 2014 **Coordinator for the Geography Chapter** of Westmount Science, Montreal, QC.
Developed activities and programming for experiential learning in Geography for students grades K-6.
- 2014-
present **Module Author**, Network of Conservation Educators and Practitioners, American Museum of Natural History, New York, NY.
Currently developing an educational module for undergraduate students on drivers and outcomes of tropical forest restoration.
- 2014 **Guest Presenter**, Girls in Science, Technology, Engineering and Math (GSTEM), University of New York, New York, NY.
Taught high school girls about sustainable timber sourcing and management in tropical forests while touring the Brooklyn Bridge.
- 2009 **Instructor, Introduction to Urban Gardening**, Greening Duluth, Montreal, QC.
Created, designed, and taught this urban gardening class on botany, soil science and entomology for gardeners. Received outstanding teacher reviews.
- 2008-
2009 **Instructor, Environmental Educator, and Wilderness Guide, ‘A Mountain Classroom’**, Appalachian Mountain Club, NH.
Taught students (grades 4-12) forest ecology, geology, climate change, and environmental stewardship through lectures, discussions, field research, games and outdoor experiences. Schools throughout the northeast US.
- 2005-
2007 **Program Coordinator**, Let’s Talk Science Partnership Program, McGill University.
Organized classroom activities and presentations, mentorships and outreach activities for children grades K – 11 on science and environment. Also conceived science outreach activities and trained volunteers to teach about science and the environment.
- 2006 **Writer, Students Promoting Awareness of Research Knowledge (SPARK)**, McGill University.
Interviewed and wrote pieces on researchers at McGill for the Faculty of Science webpage.

TUTORING

- 2005-2013 **Statistics, Science, and Writing Tutor**, McGill Student Services, McGill University.
- 2009 **Math and Science Tutor**, St George’s High School, Montreal, QC
- 2006-2007 **Science Tutor**, PDK tutoring agency, Montreal, QC.
- 2002-2004 **Statistics and Chemistry Tutor**, Bishop’s University, Lennoxville, QC.

1999 **Art Instructor**, The Art Academy, Minneapolis, MN.

GUEST LECTURES

Extinction drivers: habitat destruction and fragmentation. Presented in ‘Biodiversity and Ecosystems’, Department of Biology, McGill University, Montreal, QC. March 2013.

Global land use and climate change. Presented in ‘Global Change: Past, Present, Future’ Department of Geography, McGill University, Montreal, QC. March 2013.

Life after undergrad: What do grad students do, anyways? Presented in ‘Analyzing Sustainability’ Department of Geography, McGill University. February 2013.

Land Use as a form of global change. Presented in ‘The Global Environment: A Systems Approach’, McGill School of Environment. McGill University, Montreal, QC. November 2012.

How to write a critical review essay. Presented in ‘Geographies of Developing Asia’, Department of Geography, McGill University, Montreal, QC. October 2012.

Urban gardening for families. Earth Day Series, Montreal Children’s Library, Montreal, QC. 2010.

ACADEMIC SERVICE AND PROFESSIONAL EXPERIENCE

- 2016 **Coordination Committee**, Second Annual FLARE (Forests & Livelihoods: Assessment, Research, and Engagement) network meeting, Edinburgh. Reviewed abstracts, conceived conference themes, developed conference schedule.
- 2015 **Coordination Committee**, First Annual FLARE (Forests & Livelihoods: Assessment, Research, and Engagement) network meeting, Paris.
- 2015 **Conference Co-organizer and Financial Officer**, *Wood at Work: Elegant Strategies for Architecture, City-Building and Forest Conservation*. In partnership with the Wildlife Conservation Society and Pilot Projects.
- 2015 **Symposium Co-organizer**, *Resilient Landscapes: The social and ecological causes and consequences of reforestation in the tropics*, Association for Tropical Biology and Conservation (ATBC).
- 2015 **Reviewer**, presentations for FLARE (Forests & Livelihoods: Assessment, Research, and Engagement) first annual conference, November 2015.
- 2013 **Grant Writer**, Sustainability Research Symposium, McGill University.
- 2013 **Workshop Coordinator & Facilitator**, Tomlinson Teaching Workshops, McGill University.
Lectured, prepared activities, and organized workshops on undergraduate-level teaching.
- 2012 **Faculty Search and Hiring Committee**, Department of Geography, McGill University.
- 2010 - 2012 **Co-founder and Coordinator**, Sustainability Research Symposium, McGill University.
Conceived the mission and scope of the conference, applied for and received funding.
- 2011-2012 **Geography Graduate Student Representative**, Post-Graduate Student Society, McGill University.
- 2008 **Project Manager**, Parking lot to garden conversion, Greening Duluth, Montreal, QC.

- 2006 **Committee Chair**, Post–Graduate Student Society Environment Committee, McGill University.
- 2006 & **Graduate Student Representative**, Faculty of Science, McGill University.
2010
- 2006 **Biology Graduate Student Representative**, Post–Graduate Student Society, McGill University.
- 2003 **Faculty Search and Hiring Committee**, Biology Department, Bishop’s University.
- 2003 **Co-founder of the Bishop’s University Environment Club**, Bishop’s University.
- 2003–**Bishop’s University Biology Student Society President**, Bishop’s University.
2004 Chaired meetings; organized fundraising and social events.

REVIEWER

Conservation Biology
World Development Perspectives
Ecology and Society
Annals of the Missouri Botanical Gardens

PROFESSIONAL AFFILIATIONS

Forests and Livelihoods: Assessment, Research and Engagement (FLARE).
People and Reforestation in the Tropics: A Network for Education, Research and Synthesis (PARTNERS)
Society for Ecological Restoration (SER)
Association for Tropical Biology and Conservation (ATBC)

FIELDWORK AND TRAVEL

- 2015 Reconnaissance Trip, managing data collection (5 weeks).
- 2015 Peten, Guatemala (2 weeks).
- 2014 Reconnaissance Trip, Peten, Guatemala (2 weeks).
- 2011 Northwest Andean Ecuador: Intag Valley (6 months).
- 2010 Northwest Andean Ecuador: Imbabura and Pichincha Provinces (2 months).
- 2007–
2008 Nepal, India, New Zealand, Argentina, Chile, Bolivia, Peru, Ecuador, Costa Rica (15 months). The goal of this trip was to explore environments (especially forests, and forests in mountains) in danger of disappearing. Completed many multi-day treks in remote locales, visited different types of forests.
- 2004 Traveled and volunteered in Costa Rica (3 months) where I worked with local researchers and residents to identify and cultivate trees and plants.
- 2003 Volunteer on Organic Farms, Ireland (2 months) where I constructed irrigation, led llama treks, and compiled a report on organic gardening.

2002 Exchange program in Ecology in England (6 months).

LANGUAGES

Spanish – Intermediate, working proficiency

French – Beginner

ADDITIONAL TRAINING

2013 Teaching and Learning in Higher Education, Dept. of Educational and Counseling Psychology, McGill University. Full semester course focusing on designing learner-centered courses and curriculum.

2011 FNP & FGV Summer School: *Practices, power and knowledge in participatory forest management*. The Forest and Nature Conservation Policy Group & Program for Law and Environment – Getúlio Vargas Foundation, Rio de Janeiro, Brazil.

2010 Identifying Tropical Trees and Plant Families, Instructor Ivan Tilpa, Ecuador.

INTERESTS

Trekking, hiking, cross-country skiing, snowshoeing, cycling, running

Urban gardening

Scientific illustration

Exploring mountains and forests: The Alps, Andes, Appalachians, Himalayas, Rockies, Southern Alps, and even up Montreal's Mount Royal.