

VOLKER BAHN, PH.D.

CURRICULUM VITAE

Wright State University, Department of Biological Sciences
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Last updated Jul. 2012

CURRENT POSITION

2008 - present **Assistant Professor**, Wright State University, Dayton, OH, USA

EDUCATION

2005-2008 **Postdoctoral Scholar**, McGill University, Montréal, Québec, Canada

2002-2005 **Ph.D.**, University of Maine, Orono, Maine, USA
Wildlife Ecology
Dissertation title: Implications of spatial autocorrelation and dispersal for the modeling of species distributions.

1991-1998 **Master's of Science**, Philipps-Universität, Marburg, Germany
Biology (German: Diplom Biologe, which includes undergraduate years)
Thesis title: Habitat requirements and habitat suitability index for the Marbled Murrelet (*Brachyramphus marmoratus*) as a management target species in the Ursus Valley, British Columbia.
Major: Nature Conservation; Minors: Botany, Ecology, and Cultural Anthropology

1994-1995 **Visiting Student**, University of Victoria, Victoria, BC, Canada
Classes in Biology, Environmental Studies, and English

2005 **Professional Grant Writing Certificate**, The Grant Institute
Workshop at the University of Portland, Maine.

PROFESSIONAL EXPERIENCE

Research Scientist, University of Victoria, British Columbia, Canada, 2000-01

- Collaboration with Dr. Alan Burger in the analysis and publication of Marbled Murrelet research results;
- Publication of multi-year Marbled Murrelet study in Clayoquot Sound, Canada for British Columbia Ministry of Environment, Land and Parks;
- Further publications in peer reviewed journals.

Research Associate, Auburn University, Auburn, Alabama, USA, 2000

- Initiated a wetland rehabilitation project in Lillian Swamp: literature research, database design, exploration of study area, biodiversity inventory: collection and identification of plants and selected animals, specimen and data management, and GIS data acquisition from the internet.

Project Leader, University of Victoria, Victoria, BC, Canada, 1999 and 2000

- Managed 5 long-term Marbled Murrelet research projects for a professor on sabbatical;
- Executed all aspects of the projects (employees, budget, logistics, study design, field work, safety, data storage and analysis);
- Analyzed data from 1991-97 field seasons, wrote journal papers and reports (to the Science Council of B.C., WWF, and the Habitat Conservation Trust Fund).

Field Biologist and Project Co-Supervisor, Ministry of Environment, Lands and Parks, Nanaimo, BC, Canada, summers of 1995, 1997, and 1998

- Initiated multi-year conservation-focused study and inventory of Marbled Murrelets: from research biologist (1995 and 1997) to project co-supervisor (1998);
- Initially assisted with, in 1998 fully responsible for: recruitment of crew members, study design and research layout, selection of study sites, transportation, safety plan, data management and analysis, reports to the Ministry of Environment, Lands, and Parks, and presentation at conferences;
- Completed extended periods of remote field work in difficult terrain in a two person team;
- Collected data for my Master's Thesis and designed habitat suitability index for Marbled Murrelets.

REFEREED PUBLICATIONS

Bahn, V., B.J. McGill. 2012. Assessing the predictive power of distribution models. *Oikos*. DOI: 10.1111/j.1600-0706.2012.00299.x

Warren, R.J., **V. Bahn**. and M.A. Bradford. 2012. Decoupling litter barrier and soil moisture influences on the establishment of an invasive grass. *Plant Soil*: DOI 10.1007/s11104-012-1477-z

Warren, R.J., **V. Bahn**. and M.A. Bradford. 2011. The interaction between propagule pressure, habitat suitability and density-dependent reproduction in species invasion. *Oikos* 121(6): 874–881. DOI: 10.1111/j.1600-0706.2011.20174.x

Warren, R.J., P. McAfee., and **V. Bahn**. 2011. Ecological differentiation among key plant mutualists from a cryptic ant guild. *Insectes Sociaux*, 58, 505-512.

Warren, R. J., **V. Bahn**, and M.A. Bradford. 2011. Temperature cues phenological synchrony in ant-mediated seed dispersal. *Global Change Biology* 17:2444-2454.

Warren, R.J., **V. Bahn**, T.D. Kramer, Y. Tang and M.A. Bradford. 2011. Performance and reproduction of an exotic invader across temperate forest gradients. *Ecosphere* 2:article 14, doi:10.1890/ES10-00181.1.

Burger, A.E., R.A. Ronconi, M.P. Silvergieter, C. Conroy, **V. Bahn**, I.A. Manley, A. Cober, and D.B. Lank. 2010. Factors affecting the availability of thick epiphyte mats and other

- potential nest platforms for Marbled Murrelets in British Columbia. *Canadian Journal of Forest Research* 40:727-746.
- Bahn, V.** 2008. Failure to find the relationship between dispersal and spatial autocorrelation in species distributions. *Journal of Negative Results in Ecology and Evolution* 5(1):1-13.
- Bahn, V.,** W.B. Krohn, and R.J. O'Connor. 2008. Dispersal leads to autocorrelation in animal distributions: a simulation model. *Ecological Modelling* 213(3-4):285-292.
Top downloaded paper in Ecological Modelling in 2011
- Bahn, V.,** B.J. McGill. 2007. Can niche-based distribution models outperform spatial interpolation? *Global Ecology and Biogeography* 16(6):733-742
This paper is featured in a commentary in the Journal of Biogeography by David Currie, the editor of Global Ecology and Biogeography and has been evaluated as "must read" by George Malanson for the Faculty of 1000 Biology.
- Bahn, V.,** R.J. O'Connor, and W.B. Krohn. 2006. Importance of spatial autocorrelation in modeling bird distributions at a continental scale. *Ecography* 29:835-844.
- Bahn V.,** R.J. O'Connor, and W.B. Krohn. 2006. Effect of dispersal at range edges on the structure of species ranges. *Oikos* 115:89-96.
- Newsom, D.N., **V. Bahn,** and B.Cashore. 2006. Does forest certification matter? An analysis of operation-level changes required during the SmartWood certification process in the United States. *Forest Policy and Economics* 9:197-208.
- Burger A.E., and **V.Bahn.** 2004. Inland habitat associations of Marbled Murrelets on southwest Vancouver Island, British Columbia. *Journal of Field Ornithology* 75(1):53-66.
- Bahn V.,** and D.N. Newsom. 2002. Can Marbled Murrelet use of nesting habitat be predicted from mapped forest characteristics? Pages 89-100 in: Burger A. E., and T. A. Chatwin, editors. *Multi-scale studies of populations, distribution and habitat associations of Marbled Murrelets in Clayoquot Sound, British Columbia.* Victoria, B.C.: Ministry of Water, Land and Air Protection. ISBN 0-7726-4739-9
- Bahn V.,** and D.N. Newsom. 2002. Habitat suitability mapping for Marbled Murrelets in Clayoquot Sound. Pages 101-119 in: Burger A. E., and T. A. Chatwin, editors. *Multi-scale studies of populations, distribution and habitat associations of Marbled Murrelets in Clayoquot Sound, British Columbia.* Victoria, B.C.: Ministry of Water, Land and Air Protection. ISBN 0-7726-4739-9
- Conroy C. J., **V.Bahn,** M.S. Rodway, L. Ainsworth, and D.N. Newsom. 2002. Estimating nest densities for Marbled Murrelets in three habitat suitability categories in the Ursus Valley, Clayoquot Sound. Pages 121-137 in: Burger A. E., and T. A. Chatwin, editors. *Multi-scale studies of populations, distribution and habitat associations of Marbled Murrelets in Clayoquot Sound, British Columbia.* Victoria, B.C.: Ministry of Water, Land and Air Protection. ISBN 0-7726-4739-9
- Burger A.E., **V. Bahn,** and A.R.M. Tillmanns. 2000. Comparison of coastal fringe and interior forests as reserves for Marbled Murrelets on Vancouver Island. *Condor* 102(4):915-920.

PUBLICATIONS UNDER REVIEW OR REVISION

Newsom, D.N., T. Bensel, and **V. Bahn**. Accepted with minor revisions (but still in limbo). An analysis of Pennsylvania State Forest timber sales to Forest Stewardship Council-certified buyers: 1998-2006.

Bahn, V. and D. Lank. Under revision. Achieving robust analyses of habitat suitability using an array of advanced techniques illustrated on the Marbled Murrelet (*Brachyramphus marmoratus*). *Biological Conservation*.

Feldman, R.E., **V. Bahn**, N. Casajus, D. Berteaux, B.J. McGill, and J. Larivée. Climate is a weak predictor of bird abundance. *Global Ecology and Biogeography*

Warren, R.J. II, **V. Bahn** and M.A. Bradford. Decoupling disturbance and soil moisture in the establishment of an invasive grass. *Plant and Soil*

THESES

Bahn, V. 2005. Implications of spatial autocorrelation and dispersal for the modeling of species distributions. Ph.D. Thesis. University of Maine, Orono, ME, USA. 103 pp.

Bahn, V. 1998. Habitat requirements and habitat suitability index for the Marbled Murrelet (*Brachyramphus marmoratus*) as a management target species in the Ursus Valley, British Columbia. M.Sc. Thesis. Philipps-Universität Marburg, Germany. 167 pp.

OTHER PUBLICATIONS

Krane, D. E., **V. Bahn**, D. Balding, B. Barlow, H. Cash, B. L. Desportes, P. D'Eustachio, K. Devlin, T. E. Doom, I. Dror, S. Ford, C. Funk, J. Gilder, G. Hampikian, K. Inman, A. Jamieson, P. E. Kent, R. Koppl, I. Kornfield, S. Krimsky, J. Mnookin, L. Mueller, E. Murphy, D. R. Paoletti, D. A. Petrov, M. Raymer, D. M. Risinger, A. Roth, N. Rudin, W. Shields, J. A. Siegel, M. Slatkin, Y. S. Song, T. Speed, C. Spiegelman, P. Sullivan, A. R. Swinton, T. Tarpey, W. C. Thompson, E. Ungvarsky, and S. Zabell. 2009. Time for DNA Disclosure. *Science* 326:1631-1632.

Burger A. E., **V. Bahn**, and A. Young. 2000. Assessment of nesting habitat for Marbled Murrelets in the coastal Douglas-fir forests of southeast Vancouver Island in 1998 and 1999. Victoria, B.C., Canada: Department of Biology, University of Victoria. 36 pp.

Bahn V., A. E. Burger, and D. Newsom. 1999. Distribution, relative densities, and habitat associations of Marbled Murrelets in the Ursus Valley, 1995-1997. Pages 270-333 in: Chatwin T. A., A. E. Burger, and L. E. Jones, editors. *Inventory of Marbled Murrelets in Clayoquot Sound 1997*. Vancouver Island Regional Office, Nanaimo, B.C.: B.C. Ministry of Environment, Lands, and Parks.

Bahn V., and D. N. Newsom. 1999. Clayoquot Sound Marbled Murrelet inland inventory 1998: Habitat evaluation and activity monitoring. Vancouver Island Regional Office Nanaimo, B.C.: Ministry of Environment, Lands and Parks. 60 pp.

Burger A. E., **V. Bahn**, and D. N. Newsom. 1995. Marbled Murrelets in the Ursus Valley, Clayoquot Sound: Population density, distribution and habitat use. Vancouver Island Regional Office, Nanaimo, B.C.: Ministry of Environment, Lands and Parks. 21 pp.

CONFERENCE PRESENTATIONS

Bahn, V., S.N. Matthews, X.R. Morin, L.M. Iverson, A.P. Prasad, M. Peters, J-C. Svenning, and B.J. McGill. Will biotic interactions ever be predictable? Insights from combining correlational and process-based tree species distribution models. Invited presentation in the symposium: Landscape resilience to changing disturbance dynamics: bold approaches and solutions. 2012 IALE conference, Providence, RI, USA.

Cipollini D., S. Davis, D. Lieurance, and **V. Bahn**. Biogeographic variation in resistance of the invasive plant, *Alliaria petiolata*, to a powdery mildew fungus. Ohio Plant Biotechnology Consortium annual meeting, October 8, 2011, Columbus, OH.

Bahn V., J.H. Miller, and J.L. Peters. Independent estimates of population history help unlock the genetic signatures in duck populations. 96th Ecological Society of America Annual Meeting, August 7-12, 2011, Austin, TX, USA.

Warren, II, R.J., **V. Bahn** and M.A. Bradford. Temperature cues phenological synchrony in ant-mediated seed dispersal. 96th Ecological Society of America Annual Meeting, August 7-12, 2011, Austin, TX, USA.

Miller, J.H., **V. Bahn**. Spatial dynamics and structure of the North American Pleistocene megafaunal extinction. 70th Anniversary Meeting of the Society of Vertebrate Paleontology, October 10-13, 2010, Pittsburgh, PA.

Burger A.E., R.A. Ronconi, M.P. Silvergieter, I.A. Manley, D.B. Lank, C. Conroy, **V. Bahn** and A. Cober. Factors affecting the availability of potential nest platforms for Marbled Murrelets in British Columbia. 37th Annual Meeting of the Pacific Seabird Group, February 17-20, 2010, Long Beach, California, USA.

Bahn V., J.H. Miller, P. McAfee, and J.L. Peters. Continental-scale variability in climate history since the last glacial maximum provides a natural experiment for the influence of climate on duck distributions (genus *Anas*). 95th Ecological Society of America Annual Meeting, August 1-6, 2010, Pittsburgh, PA, USA.

Warren, R.J., **V. Bahn**, T.D. Kramer, Y. Tang and M.A. Bradford. 2010. Niche requirements of an exotic invader across temperate forest gradients. 95th Ecological Society of America Annual Meeting, August 1-6, 2010, Pittsburgh, PA, USA.

Bahn V. 2009. A new method for evaluating species distribution models. 94th Ecological Society of America Annual Meeting, August 2-7, 2009, Albuquerque, NM, USA.

Bahn V., B.J. McGill. 2008. Finding constraints on the abundance of species: A path forward in large-scale distribution modeling. 93rd Ecological Society of America Annual Meeting, August 3-8, 2008, Milwaukee, Wisconsin, USA.

McGill, B.J., **V. Bahn**. 2008. Assessing habitat models: Do they work? Are they evidence for mechanism? 93rd Ecological Society of America Annual Meeting, August 3-8, 2008, Milwaukee, Wisconsin, USA.

- Bahn V.**, B. J. McGill. 2007. Distribution modeling of species at a coarse scale: How are we doing? Ecological Society of America / Society for Ecological Restoration Joint Meeting, August 5-10, 2007, San Jose, California, USA.
- Bahn V.**, B. J. McGill. 2007. How well do environment-based models predict species abundances at a coarse scale? Meeting of the Canadian Society of Ecology and Evolution, May 16-20, 2007, Toronto, Ontario, Canada.
- Bahn V.**, R. J. O'Connor, and W. B. Krohn. 2005. The effects of dispersal on animal distributions: a simulation model. Ecological Society of America / INTECOL meeting, August 7-12, 2005, Montréal, Québec, Canada.
- Bahn V.**, R. J. O'Connor, and W. B. Krohn. 2004. The role of dispersal in shaping bird distributions. American Ornithologists' Union / Society of Canadian Ornithologists meeting, August 16-21, 2004, Université Laval, Québec City, Québec, Canada.
- Bahn V.**, R. J. O'Connor, and W. B. Krohn. 2003. Model selection for species distribution models incorporating spatial autocorrelation. 59th Northeast Fish and Wildlife Conference. Northeast Section of the Wildlife Society, 13-16 April 2003, Newport, RI, USA.
- Bahn V.** 1999. Marbled Murrelet as a target species for land management in coastal British Columbia. Page 735 in: Darling L., editor. Biology and management of species and habitats at risk. Volume 2. 15 - 19 February 1999, Kamloops, B.C. B.C. Ministry of Environment, Lands and Parks, Victoria, B.C. and University College of the Cariboo, Kamloops, B.C.
- Bahn V.** and D. N. Newsom. 1999. Habitat evaluation for Marbled Murrelets in large, continuous forests of coastal British Columbia. *Pacific Seabirds* 26(1):22.

INVITED PRESENTATIONS

- 2012 "Large-scale ecology: the distribution of species" EES department colloquium, Wright State University, April 26
- 2010 "Strengthening the connection between distribution modeling and ecology - it's a two-way street" University of Kansas, Biodiversity Institute
- 2010 "Modeling Global Duck Distributions: Past and Present" Yale University
- 2009 "Observed and Predicted Consequences of Climate Change to our Natural World" Aullwood Audubon Center and Farm, Dayton, OH, USA
- 2009 "Big trees, little bird" Wright State University, ecoseminar series
- 2008 "Predicting species distributions and abundances: opportunities and pitfalls" USDA Forest Service, Northern Research Station, Delaware, OH, USA
- 2008 "Preliminary Models for Changes in Bird Distributions Caused by Climate Change in Quebec" CC-Bio annual meeting, Montreal, QC, Canada
- 2008 "Predicting species distributions and abundances: opportunities and pitfalls" Texas State University San Marcos
- 2008 "Predicting species distributions and abundances over large scales: opportunities and pitfalls" Wright State University

- 2007 “Species Distributions: the relative importance of habitat, space and population dynamics” Université du Québec à Montréal
- 2007 “Species Distributions: the relative importance of habitat, space and population dynamics” University of Ontario Technical Institute
- 2006 “Species distributions: the importance of habitat, space and population dynamics” Faculty retreat, McGill University
- 2006 “Implications of spatial autocorrelation and dispersal for distribution modeling.” McGill University.
- 2004 “Spatial autocorrelation in species occurrence models.” University of Maine.
- 2002 “Big trees, big money, little bird: the case of the marbled murrelet in the old-growth temperate rainforest of Clayoquot sound, British Columbia.” University of Maine.
- 1997 “Autoecology of the marbled murrelet.” Long Beach Model Forest, Ucluelet, B.C.

TEACHING EXPERIENCE

BIO 800 Graduate Seminar – The niche

Wright State University, Fall 2011

BIO 800 Graduate Seminar – The distribution of species

Wright State University, Winter 2011

BIO 401/601 Ornithology

Wright State University, Spring 2010-12

BIO 401/601 Biostatistics with R

Wright State University, Fall 2009-11

BIO 473 Marine Biology

Wright State University, Spring 2009-10, 2012

BIO 231 Ecology

Wright State University, Spring 2009, 2011 and Fall 2010

ES 703 Environmental Resource Sustainability

Wright State University, Winter 2009

BIO 492 Senior Seminar

Wright State University, Fall 2008

Guest Lecturer, GEOL 200 Geographical Perspectives: World Environmental Problems

McGill University, Oct. 2007; Topic: Biodiversity.

Lecturer, BIOL 206 Methods in Biology of Organisms, McGill University, Oct. 2006 & 2007

Modules III & IVb: Experimental design, basic statistics, and regression analysis

Guest Lecturer, BIOL 510 Advances in Community Ecology, McGill University, Sept. 2006

Topic: Factors determining the distribution of species

Guest Lecturer, WLE 650 Distribution Modeling, University of Maine, 2004

Topic: Spatial Autocorrelation in Species Occurrence Models

Workshop Instructor, University of Victoria, Victoria, B.C., 1999

Training of new Marbled Murrelet researchers in theory and field skills

Teaching Assistant, Philipps-Universität, Marburg, Germany 1996-97, for the following courses:

Plant Identification: collected plant material, assisted undergraduate students in using keys for plant identification, led field trips;

Cultivated Plants: supervised laboratory work and helped students with plant preparations and technical drawings of plant anatomy;

Fundamental and Practical Aspects of Nature Conservation: conducted weekly oral examinations and answered questions on course readings

Mathematics Tutor, Mathe-Helfer, Marburg and Taufkirchen, Germany, 1986-90, 95-96

Tutored high-school seniors in advanced mathematics

SUPERVISORY EXPERIENCE PRIOR TO WRIGHT STATE

- Led field crew in 1995
- Led 5 research projects with 6 field researchers in 1999
- Extensively assisted in advising MS student Stephen Matthews during my PhD 2002
- Had a noticeable and in the thesis acknowledged influence on the theses of Rebecca Chalmers (MS), Jordan Perkins (MS), Jesse Cunningham (MS), Steven Campbell (PhD), Mary Beth Kolozsvary (PhD), Dianna Queheillalt (PhD – unfinished), John McCloskey (PhD), John Skinner (MS), Angela Fuller (PhD), and Lacy Robinson (MS) 2002-2005
- Dispersed advice on statistics and study design to numerous students and some faculty at McGill during my postdoc (e.g., Jean-Sebastian Moore, Jay Ploss, Tim Holland, Angelika Meschede, Katrine Turgeon) 2005-2008
- Some mentoring of Richard Feldman (PhD), Peter White (PhD), Julie Messier (MS) and Sergio Estrada (MS) in my lab during my postdoc 2005-2008

SUPERVISORY EXPERIENCE AT WRIGHT STATE

- Undergraduate research assistant Patrick McAfee 2009 – led to publication on ant distributions
- Postdoctoral researcher Robert Warren 2009-2011 – faculty at Buffalo State College
- Postdoctoral researcher Joshua Miller 2009-2011 – faculty at University of Cincinnati
- MS student Matthew Dickinson 2009-2012 (graduated May 2012) with thesis: “Trading resistance for vigor: a potential mechanism for invasion by the Asian grass *Microstegium vimineum*”

- MS student Cody Sturgill 2009-2011 (quit program)
- MS student Anna Holtvoigt 2011-present; thesis topic: "Suitability of forest remnants for Pileated Woodpeckers"
- PhD student Shishir Adhikari 2009-present; thesis topic: "World-wide patterns in fish diversity and distribution"
- PhD student William (Patrick) White 2011-present; thesis topic: "Sensor network for automated bird call recording"
- Committee member for Chris Bigley (main adviser Jeff Peters) graduated December 2011; Chris Schooley (main adviser Tom Rooney) graduated December 2011; Philip Lavretsky (main adviser Jeff Peters); Jennifer Hays (main adviser Tom Rooney); Kirandeep Darmhi (main adviser Jeff Peters); Tracy Caslin (main advisor Jim Runkle) - graduated December 2010; Eric Woebbe (main adviser Tom Rooney); Holly Schlotman (main adviser Tom Rooney); Eric McCluskey (main adviser Tom Hetherington, Ohio State University); Lesley Kim (main adviser Yvonne Vadeboncoeur).

GRANTS, POSITIONS, AND HONOURS AWARDED

Packard Foundation "Packard Global Fish Diversity, Conservation and Harvest Project" – PI Pete McIntyre University of Wisconsin – sub-agreement to PI Bahn \$39,272

Rainforest Alliance Research Contract – PI \$3,200

U.S. Department of Interior, Fish & Wildlife Service – PI (with postdoc Josh Miller) \$25,000

Rainforest Alliance research contract – PI \$8,500

Wright State University Research Initiation Grant – PI \$10,000

Ohio Plant Biotechnology Consortium (OPBC) – co-PI on \$60,000 grant (my part \$10k)

Postdoctoral Scholar - McGill University; CAD 35,000 per year

Outstanding Graduate Student Award 2005 – University of Maine; \$600

NSERC - Canadian national scholarship doctoral 2 years; CAD 38,000 - declined

Research Assistantship, 3.5 years - University of Maine; approximately \$80,000

BAFOEG - German national grant/loan. 10% of the loan part forgiven for being in the best 30% of students in my year, 5% forgiven for finishing degree in a timely fashion; EUR 500 (CAD 783).

SEMINAR AND WORKSHOP ORGANIZATION

"Null Hypothesis Testing: Must Progress Always Ride on a Hearse?" by David Anderson at the University of Maine, September 30, 2002.

“Information-Theoretic Methods in Empirical Science and Management: Making Formal Inference from Several Models” by David Anderson at the University of Maine, October 1, 2002.

“Certification: Changing Biodiversity Management in Maine's Forest” by Linda Alverson, October 28, 2002.

“Unified theories of distribution and abundance” by Brian McGill, July 12, 2004.

Eco seminar series at Wright State University, complete organization for 2009

“Chainsaws, water from the sky and the inferno: Who is driving forest dynamics in eastern North America and who is just along for the ride?”, by Ryan McEwan, University of Dayton, March 2, 2010.

“Estimating the dimension of ecological systems in space and time” by Brian Maurer, September 21, 2009.

“Potential impacts of climate change on bird and tree habitats across the eastern US” by Stephen Matthews, October 19, 2009

"Exploring the 'Swiss Cheese Effect': the causes and consequences of patchily occupied geographic ranges" Allen H. Hurlbert, University of North Carolina at Chapel Hill, February 8, 2010

“Linking ecological niches and geographic distributions in a synthetic view of species-level biogeography”, by Townsend Peterson, University of Kansas, April 5, 2010

“Boundary dynamics across forest-crop edges: Implications for the biodiversity of beneficial insects”, by Tom Crist, Miami University, October 11, 2010

“Predicting the impact of climate change on the diversity of woody plants requires knowledge of processes”, by Xavier Morin, ETH Zürich (Swiss Federal Institute of Technology), April 25, 2011

“The effects of climate change on organisms”, by Brian McGill, University of Maine, October 24, 2011

“Characterizing restored urban green space in sustainable environmental management: Identifying the ecological response, service, and function of amphibians” by Joe Milanovich US EPA, January 9, 2012

“Spatiotemporal dynamics of ducks and hummingbirds” by Richard Feldman, Trent University, May 14, 2012

SERVICE

- Reviewer for American Naturalist, Basic and Applied Ecology, Biological Conservation, Climate Research, Diversity and Distributions, Ecography, Ecology, Ecology Letters, Ecoscience, Environmental and Ecological Statistics, Frontiers in Ecology and Environment, Global Ecology and Biogeography, Journal of Animal Ecology, Journal of Biogeography, Journal of Field Ornithology, Landscape Ecology, Methods in Ecology and Evolution, National Science Foundation, Oikos, PSC-CUNY fund, PLoS ONE, Remote Sensing of Environment, USDA.
- Dependent Verification Appeals Committee, University level, Wright State, 2011
- ES PhD Admissions Committee, Write State University, 2010-present
- Biopreserve Committee, Department of Biology, Wright State University, 2009-present
- Technology Committee, College of Science and Mathematics, Wright State University 2009-present
- Community ecology discussion group organizer, McGill University 2006
- Student representative for faculty meetings, University of Maine 2003-04
- Department seminar organizer, University of Maine 2002
- Elected member of the biology department council, Philipps University 1993-94
- Active member of the graduate student society, Philipps University 1991-94

PROFESSIONAL AFFILIATIONS

Ecological Society of America (2005-present)

INTECOL (2005-present)

Society of Conservation Biology (2002-present)

Canadian Society for Ecology and Evolution (2006-2008)

Pacific Seabird Group (1999-2000)

VOLUNTEER EXPERIENCE

Volunteer Researcher, Friends of Caren, Sunshine Coast, B.C., 1993

Volunteer, Voluntary Workcamp Association of Ghana Accra, Ghana, 1990-91

Volunteer, Passamaquody Native Reservation, Maine, USA, 1991

LANGUAGES

Fluent in German and English, basic French.

REFERENCES

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