

Curriculum Vitae: Peter Jay Morin

PERSONAL

Peter Jay Morin
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Born 8 September 1953 in New Britain, CT, USA.

HOMEPAGE

<http://www.rci.rutgers.edu/~pjmorin/index.html>

EDUCATION

1976-1982 Duke University, Ph.D. in Zoology (Minor: Mathematics)
1972-1976 Trinity College, CT; B.S. with Honors in Biology

AWARDS & HONORS

2006 Scholar-Teacher Award, Rutgers University
2003 Thomson-ISI Highly-Cited Author (<http://www.isihighlycited.com/>)
2003 Excellence in Graduate Teaching, Graduate School - RU New Brunswick
2000 Cook College/NJAES Research Excellence Award
1999 Fellow, American Association for the Advancement of Science
1985 George Mercer Award, Ecological Society of America
1976-1979 James B. Duke Fellowship, Duke University
1976 Election to Phi Beta Kappa, Trinity College
1976 Trinity College President's Fellow in Biology
1976 Burger Award in Biology, Trinity College

PROFESSIONAL EXPERIENCE

2006-present Distinguished Professor, Dept of Ecology, Evolution & Natural Resources,
Rutgers University.
1997-2006 Professor, Dept of Ecology, Evolution & Natural Resources,
Rutgers University.
1989-1997 Associate Professor, Dept. of Biological Sciences, Rutgers University.
1983-1989 Assistant Professor, Dept. of Biological Sciences, Rutgers University.

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- 1982-1983 Assistant Professor, College of the Holy Cross.
Courses taught: General Ecology, Invertebrate Zoology, Introductory Biology Laboratory, and Undergraduate Research.
- 2005 Visiting Lecturer, PhD Course in Community Ecology, Zeist, Netherlands
- 2003 Visiting Lecturer, Pymatuning Laboratory of Ecology
- 2000 Visiting Lecturer, Swedish Agricultural University, Uppsala (April 10-12)
- 1993, 1997 Visiting Scientist, Centre for Population Biology, Imperial College at Silwood Park, Ascot, Berkshire, UK. (November 1993, October 1997).

Member of 3 Graduate Programs: Ecology and Evolution; Entomology; Microbial Biology.

Courses taught: Community Ecology, Quantitative Ecology, Population Ecology, Advanced Topics in Community Ecology, Limnology, Multivariate Statistics, Herpetology, Experimental Ecology, Biodiversity and Ecosystem Functioning, Ecological Consequences of Phenotypic Plasticity, Principles of Ecology (with Henry John-Alder, Rachael Winfree, & John Wiedenmann).

EDITORIAL SERVICE

- 2010 Guest Editor, *Functional Ecology*
- 2006 Subject Editor, *Ecology Letters*
- 2000-2005 Associate Editor, *Ecology Letters*
- 1999-2009 Associate Editor, *The American Naturalist*
- 1995 Ad hoc Editor, *Ecology* and *Ecological Monographs*
- 1987-1990 Board of Editors, *Ecology* and *Ecological Monographs*
- 1984-1985 Editorial Board, *Copeia*

ADMINISTRATION

- 2003-2008 Director, Graduate Program in Ecology & Evolution, Rutgers University
- 2004-2006, 2014-2015 Teaching Awards Committee, Graduate School – New Brunswick
- 2004-2005 Fullbright Fellowship Committee, Graduate School – New Brunswick
- 2008-2011 Executive Council of the Graduate School-New Brunswick
- 2009-2012 Director, Hutcheson Memorial Forest

Advisory Panels

- 2016 Helmholtz Association (Germany)
- 2011-2012 DFG (Germany), Integrative Biodiversity Center Panel Member
- 2009 National Science Foundation, Ecosystem Panel Member, DEB
- 2005 National Science Foundation, Ecology Panel Member, DEB
- 2004 National Science Foundation, FIBR Panel Member
- 1999, 2001, 2002 National Science Foundation, IRC-EB Panel Member

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- 1999-2001 OTS Research Fellowship Advisory Committee
1998-2001 National Center for Ecological Analysis and Synthesis, Scientific
 Advisory Board, Santa Barbara, CA
1996-1997 National Science Foundation, Conservation and Restoration Biology
 Panel Member, Division of Environmental Biology
1995-1996 NJ Endangered and Nongame Species Advisory Committee
1994-1996 National Science Foundation, Ecology Panel Member, Division of
 Environmental Biology

Research Networks

- 2001-2006 BioMERGE (US NSF) core participant
2001-2004 InterACT (European Science Foundation) observer, Coordination Committee

Search Committees

- 2015 Johnson Family Chair – Search Committee Chair
2007-2008 Evolutionary Biologist, EENR
2001-2002 Fish Population Biologist, Dept. of Marine and Coastal Sciences
2000-2002 Ecological Geospatial Modeler, Dept. Ecology, Evolution, & Natural
 Resources
1997-1998 Landscape Ecologist, Dept. Ecology, Evolution, & Natural Resources
1986-1987 Plant Ecologist Search Committee, Dept. Biol. Sciences.

Award Committees

- 2005-2008 Mercer Award Committee, Ecological Society of America.
1996-1997 Sewall Wright Award Committee, American Society of Naturalists.
1994-1998 MacArthur Award Committee, Ecological Society of America.
1986 MacArthur Award Committee, Ecological Society of America.

External Review Teams

- 2011 External Review Team, University of Notre Dame Environmental Research Center
 (UNDERC) (April 10-12)
2005 Chair, External Review Committee, Performance review of the Director of NCEAS,
 Santa Barbara, CA (Feb 28-March 1)
2001 External Review Team, Department of Ecology and Evolution, University of
 Connecticut (Oct. 22-24)
1999 External Reviewer, T.H. Morgan School of Biological Sciences, University of
 Kentucky
1997 External Assessor, EU BIODEPTH project, Bayreuth, Germany

Symposia Organized

- 2015 Symposium Organizer (with Jennifer Krumins). Novel Perspectives on Plant-Soil
 Networks. Ecological Society of America, Baltimore MD.
2012 Henry M. Wilbur Festschrift (with Joe Travis and Deborah Roach). Mountain Lake
 Biological Station, University of Virginia (Sept.14-16).

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- 2004 Symposium Organizer (with Claire Horner-Devine, Brendan Bohannon, and Anna Louise Reysenbach), Is Microbial Ecology Fundamentally Different? New Insights into Patterns and Controls of Microbial Diversity, Ecological Society of America, Portland OR.
- 2001 Symposium Organizer (with Regino Zamora, University of Granada), Functional Equivalence and Functional Groups in Ecological Systems, Ecological Society of America, Madison WI.
- 1983 Symposium Convenor (with J. Travis, Florida State University): Amphibian Population Biology, American Society of Ichthyologists and Herpetologists, Tallahassee, Florida

Other Administrative Experience

- 2011-2014 Committee on Academic Programs and Review, Rutgers U.
- 2008-2010 Executive Council, Graduate School-New Brunswick, Rutgers U.
- 1999-2002 Chair, Publications Committee, Ecological Society of America
- 1999-2002 Member of Council, Ecological Society of America
- 2000-2008 Executive Committee, Graduate Program in Ecology and Evolution.
(also from 1993-1998)
- 1993-2000 Steering Committee, Rutgers Center for Biodiversity.
- 1988-1998 Executive Committee, Hutcheson Memorial Forest.
- 1987-1990 Water Resource Council, Rutgers USGS.
- 1986-1988 Rutgers Representative to OTS Board Of Directors.
- 1985-2008 Served on the following committees of the Rutgers Ecology and Evolution Graduate Program: Curriculum, Fellowships, OTS, Seminar, Admissions.
- 1979-present Reviewed manuscripts submitted to Nature, Science, Ecology, The American Naturalist, Evolution, Ecosystems, Copeia, Herpetologica, Journal of Herpetology, Canadian Journal of Zoology, Limnology and Oceanography, Southwestern Naturalist, Oikos, JNABS, J. Animal Ecology, TREE, J. Tropical Ecology, Ecological Entomology, Bioscience, PNAS, Biological Reviews, Ecology Letters, Ecoscience.
- 1983-present Grant Reviewer: National Science Foundation, USDA, DOE, NASA, NERC (UK), SFI(Ireland), NSERC(Canada), CNRS(France), NWO-ALW(Netherlands).

EXTERNAL GRANTS

- 2008-2010 NSF, Ecological Studies Program – DEB 0830825 \$202,262
“Community-Wide Ecological Displacement and Community Assembly.” Co-PI: William Resetarits Jr.
- 2004-2009 NSF, Ecological Studies Program - DEB 0424605 - \$229,521
“LTREB: Controls and consequences of exotic plant invasions in abandoned agricultural land”. Co- PIs: Scott Meiners, Mary Cadenasso, Steward T. A. Pickett.
- 2003-2006 NASA, GSRP Program - \$72,000

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	Graduate Student Support for Jennifer Adams, Co-PI	
2003-2004	NSF , Ecological Studies Program - DEB 0343385- "Workshop: Model Systems in Community Ecology."	\$18,637
2002-2003	NCEAS Working Group: Patterns in Microbial Biodiversity Co-PIs: Dr Brendan Bohannon (Stanford), Dr. Anna-Louise Reysenbach (Portland State).	\$52,000
2002-2003	NSF , Ecological Studies Program - DEB 0217338- "Workshop: Biodiversity and Aquatic Ecosystem Functioning - Travel Support." Co-PI: Dr. Alan Covich, Colorado State University.	\$15,120
1998-2003	NSF , Ecological Studies Program - DEB 9806427- "The Functional Significance of Biodiversity in Changing Environments: An Experimental Approach." Co-PI: Dr. Tim Casey.	\$340,599
2001	NSF , Ecological Studies Program - REU Supplement DEB 9806427-	\$6,000
2000	NSF , Ecological Studies Program - REU Supplement DEB 9806427-	\$10,000
1999	NSF , Ecological Studies Program - REU Supplement DEB 9806427-	\$5,000
1998-2000	NSF , Ecological Studies Program - DEB 9726992 - "LTREB: Patterns of community and population change in oldfields at the Hutcheson Memorial Forest Center". Co- PI: Steward T. A. Pickett.	\$80,000
1996-1998	NSF , Ecological Studies Program - DEB 9623148 - "Dissertation Research: Effects of productivity on the biomass of different trophic levels: an experimental study in microbial microcosms". Co-PI: Christina Kaunzinger. Period: 5/15/96-4/30/98	\$4,397
1995-1998	NSF , Ecological Studies Program - DEB 9424494- "The Functional Significance of Biodiversity in Changing Environments: An Experimental Approach Using Microcosms." Co-PI: Dr. Tim Casey.	\$150,000
1993-1995	NSF , Ecological Studies Program - DEB 9220665- "Experimental Studies of Population and Community Dynamics in Protist Food Webs." 15 April 1993 - 15 September 1995.	\$123,968
1990-1992	NSF , Ecology Program - BSR 9006462 - "Experimental Tests of Food Web Theory." 15 July 1990 - 31 December 1992.	\$75,000
1987-1990	NSF , Ecology Program - BSR 8704519 - "Experimental Studies of Amphibian Community Organization." 15 Oct. 1987 - 15 March 1990.	\$80,000
1985-1987	NSF , Ecology Program - BSR 8414395 -	\$75,545

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"Experimental Studies of Competition and Predation in Amphibian Communities." 1 Feb. 1985 - 31 July 1987.

- 1986-1987 NOAA, Sea Grant - \$11,800
"Factors Affecting the Growth Rates of Hard Clams (*Mercenaria mercenaria*) in a Coastal Lagoon."
1 May 1986 - 30 April 1987; Co-PI: Dr. R. A. Lutz.
- 1985-1986 NJ Dept. of Environmental Protection - \$3,700
"Population Biology of the Blue-Spotted Salamander." CO-PIs: Dr. J. Burger, Dr. E. Stiles.
- 1984 NJ Dept. of Environmental Protection - \$7,500
"Breeding Success in *Hyla andersonii*: Roles of Physiological Constraints and Interspecific Interactions in Acid-Stressed Habitats."

PUBLICATIONS

Books

1. 1999 Morin, P. J. *Community Ecology*. Blackwell Science, Inc. Malden, MA. 424 pages.
2. 2010 Verhoef, H. A.. and P. J. Morin (eds.). *Community Ecology: Processes, Models, and Applications*. Oxford University Press, Oxford, UK. 247 pages.
3. 2011 Morin, P. J. *Community Ecology 2e*. Wiley-Blackwell. Oxford, UK. 407 pages.

Papers

1. 1981 Morin, P. J. Predatory salamanders reverse the outcome of competition among three species of anuran tadpoles. *Science* 212: 1284-1286.
2. 1981 Morin, P. J. On zooplankton and planktivory. *Ecology* 62:1691. (Book review).
3. 1983 Morin, P. J. Predation, competition, and the composition of larval anuran guilds. *Ecological Monographs* 53: 119-138. (George Mercer Award - 1985 - Ecological Society of America).
4. 1983 Morin, P. J. Competitive and predatory interactions in natural and experimental populations of *Notophthalmus viridescens dorsalis* and *Ambystoma tigrinum*. *Copeia* 1983: 628-639.

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5. 1983 Morin, P. J., H. M. Wilbur, and R. N. Harris. Salamander predation and the structure of experimental communities: responses of *Notophthalmus* and microcrustacea. *Ecology* 64: 1430-1436.
6. 1983 Wilbur, H. M., P. J. Morin, and R. N. Harris. Salamander predation and the structure of experimental communities: anuran responses. *Ecology* 64: 1423-1429.
7. 1984 Morin, P. J. The impact of fish exclusion on the abundance and species composition of larval odonates: results of short-term experiments in a North Carolina farm pond. *Ecology* 65: 53-60.
8. 1984 Morin, P. J. Lizard ecology: a symposium. *Ecology* 65: 1027. (Book review)
9. 1984 Morin, P. J. Odonate guild composition: experiments with colonization history and fish predation. *Ecology* 65: 1866-1873.
10. 1985 Morin, P. J. Predation intensity, injury frequency, and prey survival in an amphibian predator-prey interaction. *Copeia* 1985 (3): 638-644.
11. 1986 Morin, P. J. Interactions between intraspecific competition and predation in an amphibian predator-prey system. *Ecology* 67: 713-720.
12. 1986 Morin, P. J. A predation primer? *Ecology* 67: 822-823. (Book review)
13. 1987 Morin, P. J. Microcrustacean community structure: roles of density-dependent predation and seasonal succession. Pages 174-187, in W. C. Kerfoot and A. Sih, eds. *Predation: direct and indirect impacts on aquatic communities*. University Press of New England.
14. 1987 Morin, P. J. Predation, breeding asynchrony, and the outcome of competition among treefrog tadpoles. *Ecology* 68: 675-683.
15. 1988 Wilbur, H. M. and P. J. Morin. Life history evolution in turtles. Pages 387 - 439, in R. Huey and C. Gans, eds. *The Biology of the Reptilia*, Volume 16. Alan R. Liss, NY.
16. 1988 Dunham, A. E., P. J. Morin, and H. M. Wilbur. Methods for the study of reptile life histories. Pages 331 - 386, in R. Huey and C. Gans, eds. *The Biology of the Reptilia*, Volume 16. Alan R. Liss, NY.
17. 1988 John-Alder, H. B., P. J. Morin, and S. P. Lawler. Thermal physiology, phenology, and distribution of treefrogs. *American Naturalist* 132(4): 506-520.
18. 1988 Morin, P. J. Effects of vertebrate predation on zooplankton community composition. *ISI Atlas of Science: Animal and Plant Sciences* 1: 5-8.

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19. 1988 Morin, P. J., S. P. Lawler, and E. A. Johnson. Competition between aquatic insects and vertebrates: interaction strength and higher order interactions. *Ecology* 69: 1401-1409.
20. 1988 Morin, P. J. and E. A. Johnson. Experimental studies of asymmetric competition among anurans. *Oikos* 53(3): 398-407.
21. 1988 Lawler, S. P. and P. J. Morin. Review of *The Ecology of Temporary Waters* by D. D. Williams. *Trans. Amer. Fish. Soc.* 117 (4): 417. (Book Review).
22. 1989 Morin, P. J. New directions in amphibian community ecology. *Herpetologica* 45(1): 124-128.
23. 1989 Morin, P. J. Review of *The Ecology of Salamander Guilds..* The Quarterly Review of Biology 64(2): 217- 218. (Book Review).
24. 1989 Grizzle. R. E., and P. J. Morin. Effects of tidal currents, seston, and sediments on growth of *Mercenaria mercenaria*: results of a field experiment. *Marine Biology* 102: 85-93.
25. 1990 Morin, P. J., S. P. Lawler, and E. A. Johnson. Breeding phenology and the larval ecology of *Hyla andersonii*: the disadvantages of breeding late. *Ecology* 71: 1590-1598.
26. 1990 John-Alder, H. B., and P. J. Morin. Effects of larval density on jumping ability and stamina in newly metamorphosed *Bufo woodhousii fowleri*. *Copeia* 1990: 856-860.
27. 1990 P. J. Morin. Decades of Turtles. Review of *Life History and Ecology of the Slider Turtle*, by J. Whitfield Gibbons. *Science* 250: 1164. (Book Review).
28. 1993 S. P. Lawler and P. J. Morin. Food web architecture and population dynamics in laboratory microcosms of protists. *The American Naturalist* 141 (5): 675-686.
29. 1993 S. P. Lawler and P. J. Morin. Temporal overlap, competition, and priority effects in larval anurans. *Ecology* 74 (1): 174-182.
30. 1993 P. J. Morin, C. M. K. Kaunzinger, L. M. Kurzava, M. S. Laska, P. A. McMillan, and E. M. Obee. Book Review: Real, Leslie. A., and James H. Brown (eds.). 1991. *Foundations of Ecology*. *Ecology* 74(1): 273-274.
31. 1994 Kurzava, L. M., and Morin, P. J. Consequences and causes of geographic variation in the body size of a keystone predator, *Notophthalmus viridescens*. *Oecologia* 99: 271-280.

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32. 1995 Morin, P. J. Functional redundancy, nonadditive interactions, and supply-side dynamics in experimental pond communities. *Ecology* 76: 133-149.
33. 1995 Morin, P. J. and S. P. Lawler. Food web architecture and population dynamics: theory and empirical evidence. *Annual Review of Ecology and Systematics* 26: 505-529.
34. 1996 Morin, P. J. and S. P. Lawler. Effects of food chain length and omnivory on population dynamics in experimental food webs. Pages 218-230, in G. A. Polis and K. Winemiller (eds.), *Food Webs: Integration of Patterns and Dynamics*. Chapman & Hall.
35. 1996 McGrady-Steed, J. and P. J. Morin. Experimental studies of disturbance and diversity in the microbial communities of rain pools. *Oikos* 76:93-102 .
36. 1997 McGrady-Steed, J., P. M. Harris, and P. J. Morin. Biodiversity regulates ecosystem predictability. *Nature* 390: 162-165.
37. 1998 Kurzava, L. M. and P. J. Morin. Experimental tests of functional equivalence: complementary roles of salamanders and fish in organizing amphibian assemblages. *Ecology* 79: 477-489.
38. 1998 Morin, P. J. Realism, precision, and generality in experimental tests of ecological theory. Pages 50-70 in W. J. Resetarits and J. Bernardo (eds.). *Issues and Perspectives in Experimental Ecology*, Oxford University Press.
39. 1998 Kaunzinger, C. M. K. and P. J. Morin. Productivity controls food chain properties in microbial communities. *Nature* 395: 495-497.
40. 1999 Morin, P. J. Productivity, intraguild predation, and population dynamics in experimental food webs. *Ecology* 80: 752-760.
41. 1999 Petchey, O. L., P. Timon McPhearson, T. M. Casey, & P. J. Morin. Environmental warming alters food web structure and ecosystem function. *Nature* 402:69-72.
42. 2000 McGrady-Steed, J. and P. J. Morin. Biodiversity, density compensation and the dynamics of populations and functional groups. *Ecology* 81: 361-373.
43. 2000 Morin, P. J. The complexity of co-dependency. *Nature* 403: 718-719. (News & Views).
44. 2000 Morin, P. J. Biodiversity's ups and downs. *Nature* 406: 463-464. (News & Views).
45. 2001 Fox, J. W. and P. J. Morin. Effects of intra- and interspecific interactions on species responses to environmental change. *J. Anim. Ecol* 70: 80-90

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46. 2001 John N. Thompson, O. J. Reichman, Peter J. Morin, Gary A. Polis, Mary E. Power, Robert W. Sterner, Carol A. Couch, Laura Gough, Robert Holt, David U. Hooper, Felicia Keesing, Charles R. Lovell, Bruce T. Milne, Manuel C. Molles, David W. Roberts, and Sharon Y. Strauss. *Frontiers of Ecology*. *Bioscience* 51: 15-24.
47. 2001 Hulot, F. D., P. J. Morin, & M. Loreau. Interactions between algae and the microbial loop in experimental microcosms. *Oikos* 95: 231-238.
48. 2001 Long, Zachary T. and P. J. Morin. Review of *Stability in Model Populations* by L. D. Mueller and A. Joshi. *Quarterly Review of Biology* 76: 518.
49. 2002 Mary L. Cadenasso, Steward T. A. Pickett & Peter J. Morin. Mammalian herbivore influence on old field succession: Community structure and seedling survival. *J. Torrey Bot. Soc.* 129(3): 228-237.
50. 2002 Petchey, O. L., Morin, P. J., Hulot, F. D., Loreau, M., McGrady-Steed, J. and Naeem, S. Contributions of aquatic model systems to our understanding of biodiversity and ecosystem functioning. - In: Loreau, M., Naeem, S. and Inchausti, P. (eds.), *Biodiversity and Ecosystem Functioning: Syntheses and Perspectives*. Oxford University Press, pp. 127-138.
51. 2003 Morin, P. J. Community ecology and the genetics of interacting species. *Ecology* 84: 577-580.
52. 2003 Fukami, T. and P. J. Morin. Productivity-biodiversity relationships depend on the history of community assembly. *Nature* 424:423-426.
53. 2003 P. Timon McPhearson and P. J. Morin. *Integrative and Comparative Biology* 43:603. (review of: Kareiva, P. and S. A. Levin (eds.). 2003. *The importance of species: perspectives on expendability and triage*. Princeton University Press, Princeton NJ. 427 pages.)
54. 2004 Paul Giller, Helmut Hillebrand, Ulrike-G. Berninger, Mark O. Gessner, Stephen Hawkins, Pablo Inchausti, Cheryl Inglis, Heather Leslie, Björn Malmqvist, Michael T. Monaghan, Peter J. Morin and Gregory O'Mullan. Biodiversity effects on ecosystem functioning: emerging issues and their experimental test in aquatic environments. *Oikos* 104:423-436.
55. 2004 Morin, P. J. and J. McGrady-Steed. Biodiversity and ecosystem functioning in aquatic microbial systems: a new analysis of temporal variation and diversity-predictability relations. *Oikos* 104:458-466.
56. 2004 Price, J. E. and P. J. Morin. Colonization history determines alternate community states in a food web of intraguild predators. *Ecology* 85(4):1017-1028.

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57. 2004 Lin Jiang and Peter J. Morin. Temperature-dependent interaction strength explains unexpected responses to environmental warming in competitive communities. *Journal of Animal Ecology* 73: 569-576.
58. 2004 Moore, J. C., E. L. Berlow, D. C. Coleman, P. C. de Ruiter, Q. Dong, A. Hastings, N. C. Johnson, K. S. McCann, K. Melville, P. J. Morin, K. Nadelhoffer, A. D. Rosemond, D. M. Post, J. L. Sabo, K. M. Scow, M. J. Vanni, and D. H. Wall. Detritus, trophic dynamics and biodiversity. *Ecology Letters* 7:584-600.
59. 2004 Morin, P. J. and J. W. Fox. Diversity in the deep blue sea. *Nature* 429: 813-814. (News & Views).
60. 2004 Lin Jiang and Peter J. Morin. Productivity gradients cause positive diversity-invasibility relations in microbial communities. *Ecology Letters* 7: 1047-1057.
61. 2005 Lin Jiang and Peter J. Morin. Predator diet breadth influences the relative importance of bottom-up and top-down control of prey biomass and diversity. *Am. Nat.* 165: 350-363.
62. 2005 Steiner, C., Z. Long, J. Krumins, and P. Morin. Temporal stability of aquatic food webs: partitioning the effects of species diversity, species composition and enrichment. *Ecology Letters* 8: 819-828.
63. 2005 Zachary T. Long and Peter J. Morin. Effects of organism size and community composition on ecosystem functioning. *Ecology Letters* 8: 1271-1285.
64. 2005 Petchey, O. L., J. McGrady-Steed, and P. J. Morin. Measuring the functional diversity of food webs. Pages 334-347, in P. C. de Ruiter, V. Walters, and J. C. Moore (eds.), *Dynamic Food Webs- Multispecies assemblages, ecosystem development, and environmental change*. Elsevier-Academic Press.
65. 2005 Morin, P. J. Food Webs, Biodiversity, and Ecosystem Functioning. Pages 267-269, in P. C. de Ruiter, V. Walters, & J. C. Moore (eds.), *Dynamic Food Webs- Multispecies assemblages, ecosystem development, and environmental change*. Elsevier-Academic Press.
66. 2006 Jennifer B. Hughes Martiny, Brendan J.M. Bohannan, James H. Brown, Robert Colwell, Jed Fuhrman, Jessica Green, M. Claire Horner-Devine, Matthew Kane, Jennifer Adams Krumins, Cheryl R. Kuske, Peter Morin, Shahid Naeem, Lise Øvreås, Anna-Louise Reysenbach, Val Smith, James Staley. Microbial biogeography: Putting microorganisms on the map. *Nature Reviews Microbiology* 4: 102-112.
67. 2006 Steiner, C., Z. Long, J. Krumins, and P. Morin. Population and community resilience in multitrophic communities. *Ecology* 87: 996-1007.

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68. 2006 Jennifer Adams Krumins, Zachary T. Long, Christopher F. Steiner and Peter J. Morin. Indirect effects of food web diversity and productivity on bacterial community function and composition. *Functional Ecology* 20: 514-521.
69. 2006 Zachary T. Long, Christopher F. Steiner, Jennifer Adams Krumins, and Peter J. Morin. Species richness and allometric scaling jointly determine biomass in model aquatic food webs. *J. Anim. Ecol.* 75: 1014-1023.
70. 2007 P. J. Morin. Experimental studies of food webs: causes and consequences of trophic interactions. Pages 87-100, in Neil Rooney, Kevin S. McCann, David L. G. Noakes, (eds.), *From Energetics to Ecosystems: The Dynamics and Structure of Ecological Systems*. Springer-Verlag.
71. 2007 L. Jiang and P. J. Morin. Temperature fluctuation facilitates coexistence of competing species in experimental microbial communities. *J. Animal Ecology* 76: 660-668
72. 2007 Petchey, O. L., Z. T. Long & P. J. Morin. The consequences of body size in model microbial systems. Pages 245-265, in A. Hildrew, D. Raffaelli, and R. Edmonds-Brown (eds.) *Body size; The structure and function of aquatic ecosystems*. Symposium of the British Ecological Society. Cambridge University Press, Cambridge.
73. 2007 Naeem, S., R. Colwell, S. Díaz, J. Hughes, C. Jouseau, S. Lavorel, P. Morin, O. Petchey, J. Wright, BioMERGE. Predicting the ecosystem consequences of biodiversity loss: the BioMERGE framework. Pages 113-126, In, *Terrestrial Ecosystems in a Changing World*. P. Canadell, D. E. Pataki, and L. F. Pitelka (eds.). Springer-Verlag, Berlin
74. Morin, P. J. 2008. Sex as an antiviral strategy. *PNAS* 105: 15639-15640.
75. Banerji, A. and P. Morin. 2009. Phenotypic plasticity, intraguild predation, and inducible defenses in an enigmatic polymorphic ciliate. *Functional Ecology* 23 : 427-434. DOI: 10.1111/j.1365-2435.2008.01499.x
76. Thomas Bell, Robert I. Griffiths, Jennie McLaren, Marcel van der Heijden, Mark O. Gessner, Peter J. Morin, Wim van der Putten. 2009. Microbial biodiversity and ecosystem functioning under controlled conditions and in the wild. Pages 121-133, in Naeem, S. D. E. Bunker, A. Hector, M. Loreau, and C. Perrings, eds. "Biodiversity, Ecosystem Functioning, and Human Wellbeing: An Ecological and Economic Perspective". Oxford University Press, Oxford.
77. Price, J. E. and P. J. Morin. 2009. Community convergence in a simple microbial food web. *Ecological Research* 24: 587-595. Online at DOI: 10.1007/s11284-008-0529-6.
78. Jennifer Adams Krumins, John Dighton, Dennis Gray, Rima B. Franklin, Peter J. Morin, and Michael S. Roberts. 2009. Soil microbial community response to nitrogen enrichment in two scrub oak forests. *Forest Ecology and Management* 258:1383-1390.

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79. Petchey, O., Peter Morin, and Han Olff. 2010. The topology of ecological interaction networks: the state of the art. Pages 7-22 , in Verhoef, Herman A. and P. J. Morin (editors). *Community Ecology: Processes, Models, and Applications*. Oxford University Press.
80. Peter Morin. 2010. Emerging Frontiers of Community Ecology. Pages 193-201, in Verhoef, Herman A. and P. J. Morin (editors). *Community Ecology: Processes, Models, and Applications*. Oxford University Press.
81. Verhoef, H. and P. J. Morin. 2010. Introduction. Pages 1-3 , in Verhoef, Herman A. and P. J. Morin (editors). *Community Ecology: Processes, Models, and Applications*. Oxford University Press.
82. Beckerman, A. O. L. Petchey, and P. J. Morin. 2010. Adaptive foragers and community ecology: linking individuals to communities and ecosystems. *Functional Ecology* 24:1-6.
83. Banerji, A. and P. J. Morin. 2014. Trait-mediated apparent competition in an intraguild predator-prey system. *Oikos* 123:567-574.
84. Vuong, H., Charlie Canham, Dina M. Fonseca, Dustin Brisson, Peter J. Morin, Peter E. Smouse, Richard S. Ostfeld. 2014 . Occurrence and transmission efficiencies of *Borrelia burgdorferi* ospC types in avian and mammalian wildlife. *Infection, Genetics, and Evolution* 27:594-600.
85. Andrea Egizi, Peter J. Morin, and Dina M. Fonseca. 2014. Unraveling microbe-mediated interactions between mosquito larvae in a laboratory microcosm. *Aquatic Ecology* 48:179-189.
86. Griffin, Eric. M., Brian Traw, Peter J. Morin, Jonathan N. Pruitt, S. Joseph Wright, & Walter P. Carson. 2016. Foliar bacteria and soil fertility mediate seedling performance: a new and cryptic dimension of niche differentiation. *Ecology* 97: 2998-3008.
87. Faillace, Cara A. and P. J. Morin. 2016. Evolution alters the consequences of invasions in experimental communities. *Nature Ecology & Evolution* 1: 0013 (2016). DOI: 10.1038/s41559-016-0013
88. Holly B. Vuong; Grace S. Chiu; Peter E. Smouse; Dina M. Fonseca; Dustin Brisson; Peter J. Morin; Richard S. Ostfeld. 2017. Influences of Host Community Characteristics on *Borrelia burgdorferi* Infection Prevalence in Blacklegged Ticks. *PLoS ONE* 12(1): e0167810. doi:10.1371/ journal.pone.0167810.
89. Eric A. Griffin, S. Joseph Wright, Peter J. Morin & Walter P. Carson. 2017. Pervasive interactions between foliar microbes and soil nutrients mediate seedling leaf dynamics in a tropical forest. *New Phytologist* 215(5). (DOI) - 10.1111/nph.14716. pages 1-14

In Press:

Curriculum Vitae: Peter Jay Morin

90. Faillace, Cara A., Joshua S. Caplan, Jason C. Grabosky, and Peter J. Morin. Beneath it all: size, not origin, predicts belowground competitive ability in exotic and native shrubs. *J. Torrey Bot. Society*.

In Revision:

91. Faillace, C. A. and P. J. Morin. Evolution alters post-invasion temporal dynamics in experimental communities. *Ecology*.

INVITED SYMPOSIA, PLENARY, AND KEYNOTE PRESENTATIONS

2016 Quantitative Ecology, MIT, invited presentation: Small Worlds: Using Eukaryotic Microbes to Test and Extend Ecological Theory.

2011 European Congress of Protistology VI, Berlin, Germany. Plenary: "Protists as model organisms in studies of community ecology and ecosystem functioning." July 24, 2011.

2011 The mighty reach of community ecology. Amsterdam, Netherlands. "What everyone should know about community ecology, and what we still don't know." July 7, 2011. Vrije Universiteit, Amsterdam.

2009 American Society of Limnology and Oceanography, Nice, France. Plenary: Biodiversity and Ecosystem Function in Aquatic Microbial Systems: Results, Predictions, and Challenges. January 27, 2009.

2009 Evolutionary Islands 150 years after Darwin, Naturalis, Leiden, Netherlands. Keynote: The ecology and evolution of island communities in a changing world. February 12, 2009

2007 Ecological Society of America, San Jose, CA. Flexible Foragers in Food Webs. "Adaptive foragers and community ecology: scaling individuals to communities." August 7, 2007.

2007 International Society for Theoretical and Applied Limnology, Montreal, Canada. Reconciling divergent views on trophic relationships: functional responses in aquatic environments. "Predator-prey dynamics in simple microbial food webs." August 14, 2007

2004 Microbes, model systems, and the causes and consequences of diversity. Ecological Society of America, Portland, OR. August 4, 2004.

2004 LINKECOL Final Conference - Linking community and ecosystem ecology: recent advances and future challenges, Palma de Mallorca, Spain. "Linking biodiversity-ecosystem functioning research and food web and interaction web research: experiments." May 19, 2004.

Curriculum Vitae: Peter Jay Morin

- 2001 9th International Symposium on Microbial Ecology , Amsterdam, Netherlands. Contributions of micro-organisms to general ecological theories- Experimental studies of complexity in microbial communities (with J. McGrady-Steed and C. M. K. Kaunzinger). August 27, 2001.
- 2001 The measurement, prediction, and significance of functional similarity. Ecological Society of America, Madison, WI. August 7, 2001.
- 2000 Exploring Ecological Theory with Microbes: Complexity and Community Dynamics. American Society for Microbiology. Los Angeles, CA. May 2000.
- 1998 The Use of Model Systems in Ecology. INTECOL, Florence, Italy. (Co-authors: S. Lawler, M. Holyoak, C. M. K. Kaunzinger). July 1998.
- 1998 Linking Communities and Ecosystems. Ecological Society of America. Baltimore, MD. (Co-author Jill McGrady-Steed) August 1998.
- 1996 Experimental studies of Structure, Dynamics, and Function in Assembled Aquatic Communities. Society for Ecological Restoration, New Brunswick, NJ. (Co-authors: Jill McGrady-Steed, Patricia Harris, and Timothy Casey)
- 1995 State of Experimental Ecology: Questions, Levels, and Approaches. American Society of Zoologists. St. Louis, Mo.
- 1994 Geographic variation in the functional roles of species in community organization. (L. Kurzava, co-author). Vice-President's Symposium. The American Society of Naturalists. Athens, GA. .
- 1993 Food Webs: Dynamics and Structure. NSF sponsored symposium at Pingree Park Conference Center, Greeley, CO. 13-17 September.
- 1989 Amphibian Community Ecology. First World Congress of Herpetology. University of Kent, Canterbury, UK. 11-19 September.
- 1989 Predation and the Ecology of Larval Odonates. Tenth World Congress of Odonatology. East Tennessee State University, Johnson City, TN.
- 1986 Effects of predation on freshwater community structure: some generalizations. Ecological Society of America, Syracuse, New York.
- 1984 Effects of salamander density on microcrustacean species composition and seasonal succession in artificial pond communities. Ecological Society of America, Fort Collins, Colorado.
- 1983 Predation, competition, and larval success in temporary pond amphibians. American Society of Ichthyologists and Herpetologists. Tallahassee, Florida.

Curriculum Vitae: Peter Jay Morin

1983 Odonate community structure: the role of interactions among larval odonates and fish. Entomological Society of America. Providence, RI.

PAPERS PRESENTED AT SCIENTIFIC MEETINGS

1980 Density-dependent growth in *Notophthalmus viridescens dorsalis*. American Society of Ichthyologists and Herpetologists. Fort Worth, Texas.

1980 Stochastic aspects of dragonfly guild structure. Ecological Society of America. Tucson, Arizona. Bull. Ecol. Soc. Amer. 61:64.

1980 Salamander predation and the structure of temporary pond communities. American Society of Zoologists. Seattle, Washington. Amer. Zool. 20: 810.

1982 Effects of fish exclusion on the abundance and species composition of littoral odonate larvae. Ecological Society of America. University Park, Pennsylvania. Bull. Ecol. Soc. Amer. 63: 114.

1983 Odonate guild composition: the importance of interactions between colonization history and predation. Ecological Society of America. Grand Forks, North Dakota. Bull. Ecol. Soc. Amer. 64: 90.

1985 The impact of priority effects and predation on larval-anuran dynamics in experimental communities. Ecological Society of America. Minneapolis, Minn. Bull. Ecol. Soc. Amer. 66:236.

1987 Effects of breeding phenology on interactions between treefrog tadpoles and aquatic insects. American Society of Ichthyologists and Herpetologists. Albany, New York.

1987 Competition between insects and vertebrates: experimental evidence for interphyletic competition in freshwater communities. Bull. Ecol. Soc. Amer. 68:372.

1987 Effects of mammalian herbivores on woody species survival in contrasting successional habitats.(M.A. Meadows, P.J. Morin, and S.T.A. Pickett). Bull. Ecol. Soc. Amer. 68:365.

1987 Thermal physiology, phenology, and the distribution of treefrogs. (H. B. John-Alder, P. J. Morin, and S. P. Lawler). American Physiological Society. San Diego, CA.

1987 Competition among anurans, insects, and macrophytes in aquatic communities. Amer. Zool. 27(4): 11A.

1988 Negative interactions among anurans, insects, and macrophytes in artificial pond communities. Bull. Ecol. Soc. Amer. 69: 239.

Curriculum Vitae: Peter Jay Morin

- 1990 How general are interactions between competition and predation in experimental communities? *Bull. Ecol. Soc. Amer.* 71: 262-263.
- 1991 Stability and complexity in laboratory microcosms of protists. *Bull. Ecol. Soc. Amer.* 72(2): 200.
- 1991 Food web architecture and population dynamics in laboratory microcosms of protists. (Sharon P. Lawler and P. J. Morin). *Bull. Ecol. Soc. Amer.* 72(2): 170-171.
- 1992 Experimental studies of geographic variation in the impact of a keystone predator, *Notophthalmus viridescens*. (Kurzava, Lynn M., and Morin, Peter J.). American Society of Ichthyologists and Herpetologists, Champaign-Urbana, Illinois.
- 1992 Protist population dynamics and food chain architecture: general trends and species-specific patterns. *Bull. Ecol. Soc. Amer.* 73(2): 278.
- 1993 Experimental studies of geographic variation in the impact of a keystone predator, *Notophthalmus viridescens*. (Kurzava, Lynn M., and Morin, Peter J.). *Bull. Ecol. Soc. Amer.* 74(2): 320.
- 1995 Diversity in rain pool microbial communities: an experimental test of the storage effect. (McGrady-Steed, Jill and P. J. Morin). *Bull. Ecol. Soc. Amer.* 76(2): 176.
- 1995 Productivity, food chain length, and the population dynamics of protists. *Bull. Ecol. Soc. Amer.* 76(2): 190.
- 1996 Predicting metazoan impacts on experimental communities of protozoa. (Harris, Patricia M., and Morin, P. J.) *Bull. Ecol. Soc. Amer.* 77(3): 184.
- 1996 Effects of productivity on species abundances at different trophic levels: an experimental study in microbial microcosms. (Kaunzinger, Christina K. and Morin, P. J.) *Bull. Ecol. Soc. Amer.* 77(3): 225.
- 1996 The functional significance of species richness: an experimental approach using aquatic microcosms. (McGrady-Steed, Jill, and Morin, P. J.). *Bull. Ecol. Soc. Amer.* 77(3): 295.
- 1997 Fox, J. W. and P. J. Morin. Testing the Ives-Gilchrist model of community-level response to environmental change. *Bull. Ecological Soc. Amer.* 78(4): 90.
- 1997 Harris, P. M. and P. J. Morin. Ecosystem function is independent of diversity in laboratory communities of freshwater algae. *Bull. Ecological Soc. Amer.* 78(4): 104.
- 1997 McGrady-Steed, J., Harris, P. M. and P. J. Morin. Population dynamics mediate the effects of diversity on ecosystem processes: evidence from aquatic microcosms. *Bull. Ecological Soc. Amer.* 78(4): 143.

Curriculum Vitae: Peter Jay Morin

1998 McGrady-Steed, and P. J. Morin. Species richness and biomass make independent contributions to ecosystem function in experimental aquatic microcosms. *Bull. Ecological Soc. Amer.* 79(4):

1999 Petchey, O. L., P. Timon McPhearson, T. M. Casey, & P. J. Morin. Environmental warming alters food web structure and ecosystem function. *Ann. Meeting Ecological Society of America*, Spokane, WA

1999 Kato, Y. and P. J. Morin. Effects of productivity on the community dynamics of intraguild predation among protists. *Ann. Meeting Ecological Society of America*, Spokane, WA.

1999 Cadenasso, M., S. T. Pickett, and P. J. Morin. Influence of herbivores on oldfield succession. *Ann. Meeting Ecological Society of America*, Spokane, WA.

2001 Jiang, Lin and P.J. Morin. Environmental color affects competitive interactions in experimental microcosms. *Ann. Meeting Ecological Society of America*, Madison, WI.

2001 Price, Jennifer and P. J. Morin. The order of introduction and community composition in a system of intraguild predators. *Ann. Meeting Ecological Society of America*, Madison, WI.

2001 Petchey, O., T. M. Casey, L. Jiang, Y. Kato, P. T. McPhearson, P. J. Morin, and J. Price. The long-term dynamics of simple populations and communities in fluctuating environments. 9th International Symposium on Microbial Ecology, Amsterdam.

2002 Kaunzinger, C.M.K., Z.T. Long, M. H. H. Stevens and P.J. Morin. Community closure: species fail to re-establish following local extinctions. *Ann. Meeting Ecological Society of America*, Tucson, AZ.

2002 Long, Z. T. and P. J. Morin. The effects of diversity and organism size on ecosystem functioning. *Ann. Meeting Ecological Society of America*, Tucson, AZ.

2002 McPhearson, P.T., Palmer, M.I., Bennett, K.F., Cox, R.M., and Morin, P. Mutualism or Slavery: Positive community effects of mutualism may be via *Paramecium bursaria* “control” of its endosymbiotic alga, *Chlorella*. Winter meeting of the British Ecological Society, York, UK.

2003 Price, J. E., R. Hamilton, E. Ravit, and P. J. Morin. Invasion success and the impact of microorganisms on a resident community. *Ann. Meeting Ecological Society of America*, Savannah, GA.

2003 McPhearson, P.T., Palmer, M.I., Bennett, K.F., Cox, R.M., and Morin, P. Mutualism or Slavery? Classical mutualists positively affect associated communities albeit by host control. *Ann. Meeting Ecological Society of America*, Savannah, GA.

Curriculum Vitae: Peter Jay Morin

- 2003 Jiang, L. and P. J. Morin. Predator or resource control of community structure: The importance of specialist and generalist predators. Ann. Meeting Ecological Society of America, Savannah, GA.
- 2004 Krumins, J. A., Z. Long, C. Steiner, and P. J. Morin. Linking ecosystem biodiversity and bacterial decomposition. ISME-10 Cancun, Mexico.
- 2005 Krumins, J. A., Z. Long, C. Steiner, and P. J. Morin. Linking ecosystem biodiversity and bacterial decomposition. ASLO Annual Meeting, Santiago de Compostella, Spain.
- 2005 Krumins, Jennifer A., Zachary T. Long, Christopher F. Steiner, and Peter J. Morin. Direct and indirect effects of food web diversity on bacterially mediated decomposition. Ann. Meeting Ecological Society of America, Montreal, Canada.
- 2005 Steiner, Christopher F., Zachary T. Long, Jennifer A. Krumins, and Peter J. Morin. Population and community stability in aquatic food webs: partitioning the effects of species diversity, species composition and enrichment. Ann. Meeting Ecological Society of America, Montreal, Canada.
- 2007 Banerji, A. and Peter Morin. Dynamics and adaptive significance of inducible defenses and offenses in phenotypically plastic ciliates. Ann. Meeting Ecological Society of America, San Jose, CA.
- 2007 Siegrist, J. and Peter Morin. A nonequilibrium theory of relative abundance distributions parameterized by species-area relationships. Ann. Meeting Ecological Society of America, San Jose, CA.
- 2009 Banerji, A, and P. J. Morin. Variable expression of an inducible trophic polymorphism leads to expanded diet breadth at the cost of competitive ability. Ann. Meeting Ecological Society of America, Albuquerque, NM.
- 2015 Faillace, C. A., J. Caplan, J. Grabosky, and P. Morin. Competition in the understory; rooting out the mechanisms. Ann. Meeting Ecological Society of America, Baltimore, MD.
- 2016 Faillace, C. A., P. Morin. Co-evolutionary dynamics of invaders and invaded species in experimental microbial communities. American Society of Naturalists, Asilomar, CA
- 2017 Faillace, C. A.; Morin, P. J. "Strangers In A Strange Land: Evolution Alters The Consequences Of Invasions In Experimental Aquatic Communities". ASLO Aquatic Sciences Meeting, Honolulu, HI. March 1, 2017.
- 2017 Kruger, A. and P. J. Morin. Green Frogs Harbor Microbes that Inhibit *Batrachochytrium dendrobatidis*, a Deadly Fungal Pathogen. The Joint Meeting of Ichthyologists and Herpetologists. Austin, Texas

Curriculum Vitae: Peter Jay Morin

2017 Faillace, C. A.; Morin, P. J. "Strangers in a strange land: Evolution alters post-invasion temporal dynamics in experimental communities." Ann. Meeting Ecological Society of America, Portland, OR

2017 Kruger, A. and P. J. Morin. Green frogs harbor microbes that inhibit a deadly fungal pathogen Ann. Meeting Ecological Society of America, Portland, OR

INVITED SEMINARS

2017 Columbia (28 March)

2016 Rutgers Camden (29 Sept.), Yale (26 Oct.)

2012 Farleigh-Dickinson University (29 November)

2010 Stony Brook University (20 October)

2009 Rutgers University, Newark (10 March)

2008 University of Illinois (5 March).

2007 University of Leiden (24 January), University of Amsterdam (25 January), Honorary Verweij Lecture, Functional Ecology Graduate School, Lunteren, Netherlands (29 January). Texas A&M, Ecological Integration Symposium (20 April). University of Calgary (29 and 30 October). McGill University (4 October). University of Notre Dame, UNDERC Lecture (8 November).

2006 Pennsylvania State University (27 March), University of Maryland CES Appalachian Laboratory (5 October).

2005 SUNY Stony Brook (9 March), University of New Mexico (30 November)

2004 CERC, Columbia University (9 November)

2003 Brown University (3 March), University of Virginia (14 March), Pymatuning Laboratory of Ecology (16 July).

2002 University of Chicago (4 March), Miami University (March 21,22), University of Illinois - Urbana-Champaign (April 10), NASA Kennedy Space Center (24 June), Rutgers University Department of Entomology (27 September), Washington University (17, 18 October), Florida State University (15 November).

2001 Fordham University (14 Nov.), Ecole Normale Superieure - Paris (18 Dec.)

2000 Swedish Agricultural University, Uppsala (12 April), Rutgers - Newark, (13 Sept.), Stanford University (30 October)

Curriculum Vitae: Peter Jay Morin

- 1998 University of Pittsburgh (18 Feb.), Washington University (24, 25 March)
- 1997 Centre for Population Biology, Imperial College at Silwood Park (16 October).
- 1996 University of Delaware (22 March), Drexel University (23 May), Swedish Agricultural University, Uppsala (5 June). University of California, Davis (24 & 25 October).
- 1995 Michigan State University, Center for Microbial Ecology, Workshop on Microbial Ecology.
- 1994 University of Pittsburgh (9 March).
- 1993 Centre for Population Biology, Imperial College, Silwood Park, UK (10 & 15 November).
- 1992 University of Pennsylvania (18 February).
- 1991 Princeton University (EEB, 29 March), Duke University (21 March), Savannah River Ecology Lab, Univ. of Georgia (23 May).
- 1989 Florida State University (26 Jan.),
- 1989 University of Illinois, Chicago (18 May).
- 1988 Trinity College, Hartford, CT, Rutgers University, Dept. of Entomology.
- 1987 University of Delaware, University of California, Berkeley, Rutgers University, Dept. of Entomology, University of Kentucky, Lexington, Institute of Ecosystem Studies, Millbrook, NY, Penn. State, University Park, PA.
- 1986 Michigan State University, Ohio State University, University of Tennessee.
- 1985 University of Pennsylvania, Philadelphia, PA, Philadelphia Academy of Natural Sciences Naturalist's Forum, SUNY, Stony Brook, NY, Princeton University, Princeton, NJ, University of Oregon, Eugene, OR, North Carolina State University, Raleigh, NC.
- 1984 Columbia University, New York, NY.
- 1983 University of Connecticut, Storrs, CT, SUNY, Albany, NY, Texas Tech University, Lubbock, TX, Rutgers University, Piscataway, NJ, Dartmouth College, Hanover, NH, Rutgers University, Camden, NJ.

Curriculum Vitae: Peter Jay Morin

- 1982 College of the Holy Cross, Worcester, MA, University of Santa Clara, Santa Clara, CA.
- 1981 Mount Holyoke College, South Hadley, MA.
- 1980 Trinity College, Hartford, CT.

INVITED WORKSHOPS AND WORKING GROUPS

- 2013 Frontiers of Ecosystem Science. SESYNC, Annapolis MD, October 1-2. NSF sponsored workshop.
- 2011 Trait variation dynamics: a key to predicting responses of multi-trophic systems to external perturbations. Potsdam, Germany, 23 May, 2011. "Experimental Approaches to Studying Effects of Trait Plasticity on Population and Community Dynamics." DFG sponsored workshop.
- 2007 "Really Big Biology". Phylogeography, Las Vegas, NV, NSF sponsored workshop.
- 2006 Biodiversity in Madagascar, NESCent, June 12-16
- 2005 Gordon Research Conference, Microbial Population Biology, July 17-22
- 2004 Experimental Model Systems, National Science Foundation, Jan. 6-9
- 2003 Microbial Biodiversity, March 19-24, and December 12-15, NCEAS
- 2003 Food Webs - InterACT, Giessen Germany, November 13-15
- 2003 BioMERGE II, St. Louis MO, Oct. 23-27
- 2002 BioMERGE I, Seattle WA, Oct. 24-29
- 2002 InterACT, Lesvos Greece, Oct. 10-12
- 2002 International Society for Ecosystem Health, Washington DC, June 6-10
- 2002 Aquatic Biodiversity and Ecosystem Functioning (LINKECOL), Ascona, Switzerland (April 3-7)
- 2001 Detrital Food Webs, NCEAS, April 2001, Jan. 2002, Nov. 2002
- 1999 Frontiers of Ecology, National Science Foundation, Dec. 6-8.
- 1997 Universal Phenomena in Ecology, NCEAS & the Santa Fe Institute, March 10-12.

SOCIETY MEMBERSHIPS

Ecological Society of America
British Ecological Society
Society for the Study of Evolution
American Society of Naturalists
American Society of Limnologists and Oceanographers
American Society of Ichthyologists and Herpetologists
American Association for the Advancement of Science
International Society for Microbial Ecology
Herpetologist's League
Society for the Study of Amphibians and Reptiles
Sigma Xi

GRADUATE STUDENTS SUPERVISED

Curriculum Vitae: Peter Jay Morin

1) **Dr. Sharon P. Lawler - M.S. Thesis:** "Behavioral Responses of Species of Anuran Larvae to Predators." 27 April 1988.

Ph.D. Dissertation: "Effects of Community Structure on Protist Population Dynamics in Experimental Microcosms." 17 December 1991.

Professor, Dept. Entomology, University of California, Davis.

2) **Dr. Wade B. Worthen - Ph.D. Dissertation:** "The Effects of Resource Distribution, Facilitation, and Predation on the Structure of Mycophagous Fly Communities: Manipulations of a Model System." 31 May 1988. (Co-Advisor: T. R. McGuire).

Professor, Furman University, Greenville, SC.

3) **Elizabeth A. Johnson - M.S. Thesis:** "Effects of Grazing by Anuran Tadpoles on Periphyton Assemblages in Experimental Pond Communities." 20 April 1992.

American Museum of Natural History, Manager:
Metropolitan Biodiversity Programs -Center for Biodiversity and Conservation

4) **Charles E. Bristow - M.S. Thesis:** "Interactions between Top Predators in Aquatic Communities." 21 April 1989.

Biology Preparator, University of Southern Illinois

5) **Dr. Lynn M. Kurzava - Ph.D. Dissertation:** "The Structure of Prey Communities: Effects of Predator Identity and Geographic Variation in Predators." 20 December 1993.

6) **Dr. Ellen Pehek - Ph.D. Dissertation:** "The Ecology of larval *Hyla andersonii*: The Effects of Predation by Aquatic Insects, Competition with Larval Anurans, and pH." 8 April 1994.

Field Scientist, Parks Department, City of New York.

7) **Dr. Paul A. McMillan - Ph.D. Dissertation:** Coevolution, Sex, and the Dynamics of Interacting Populations of Protists. 4 December 1995.

Dept. Chair, Capilano College

8) **Dr. Mark Laska - Ph.D. Dissertation.** Predicting the Strength of Competitive Interactions from Body Sizes of Zooplankton: Tests Using Experimental Microcosms. 6 November 1995.

Ecological Consultant & CEO, Great Ecology Inc., San Diego & NYC

Curriculum Vitae: Peter Jay Morin

9) **Dr. Victoria Schmalhofer - Ph.D. Dissertation.** The Effects of Biotic and Abiotic Factors on Predator-Prey Interactions in Old-Field Flower-Head Communities. 11 June 1996. (Co-Advisor: T. Casey).

Assistant Professor, DePauw University

10) **Dr. Christina M. K. Kaunzinger - Ph.D. Dissertation:** Experimental Tests of the Determinants of Food Chain Length. 11 October 1999.

Program Coordinator, Center for Urban Restoration Ecology, Rutgers University;

11) **Dr. Jill McGrady-Steed - Ph.D. Dissertation:** Causes and Consequences of Diversity in Experimental Aquatic Microcosms. 19 December 1997.

Ecological Consultant, Great Ecology, San Diego, CA.

12) **Dr. Jeremy W. Fox - Ph.D. Dissertation:** Causes and Consequences of Community Structure in Experimental Aquatic Microcosms. 5 April 2000.

Postdoctoral Associate, Centre for Population Biology, Imperial College, Silwood Park, UK
Professor, Department of Biology, University of Calgary

13) **Dr. Marlene B. Cole - (Co-Advisor: R. Lathrop). Ph.D. Dissertation:** Effects of the Spatial Configuration of Habitats on Species Distributions and Population Dynamics in Unaltered and Ditched Salt Marshes. 17 October 2001.

Ecological consultant, ICF Consulting, Lexington, MA

14) **Dr. Lin Jiang - Ph.D. Dissertation:** "Studies of the Extrinsic and Intrinsic Regulation of Population Dynamics and Community Structure." 23 April 2003.

Postdoctoral Fellow, Institute of Marine and Coastal Sciences, Rutgers University
Professor, Department of Biology, GA Tech University (as of July. 1, 2017)

15) **Dr. Jennifer E. Price- Ph.D. Dissertation:** "Intraguild Predation And The Formation Of Alternate Community States." 7 May 2004.

Staff Scientist, South Carolina Department of Natural Resources

16) **Dr. P. Timon McPhearson - Ph.D. Dissertation:** "The Complexity of Cooperation in Ecological Communities" 18 June 2004.

Assistant Curator, Center for Biodiversity and Conservation, American Museum of Natural History and Postdoctoral Fellow, Columbia University (as of July 1, 2005),
Associate Professor, The New School, NYC

Curriculum Vitae: Peter Jay Morin

17) **Dr. Zachary Long** - Ph.D. Dissertation: "Mechanistic approaches to understanding complex ecological systems." 20 September 2004.

Postdoctoral Associate, McGill University, Montreal, Canada
Associate Professor, University of North Carolina-Wilmington

18) **Jennifer Adams Krumins** - Ph.D. Dissertation: 22 August 2007. "The Causes and Consequences of Biodiversity in Multitrophic Communities."

Temporary Instructor, Baruch College, CUNY, New York. Postdoctoral Associate, University of Pennsylvania, January 2008. NSF Postdoctoral Associate, Center for Terrestrial Ecology, Netherlands Institute of Ecology 2009-2010. Associate Professor, Montclair State University, 2010 - present.

19) **Aabir Banerji** - Ph.D. Dissertation: 5 May 2011. "Dynamics and adaptive significance of the inducible trophic polymorphism of *Tetrahymena vorax*."

Postdoctoral Associate, University of Zurich, 1. Sept. 2011-2014. Postdoctoral Associate, US EPA Cincinnati OH 2015.

20) **Maria Stanko**- Ph.D. Dissertation: 16 September 2011. "Structure and dynamics of a highly-invaded plant-pollinator network".

Instructor and Laboratory Coordinator, Department of Biology, New Jersey Institute of Technology.

21) **Holly Vuong** – Ph.D. Dissertation: 21 September 2012 . "Ecological correlates of genetic variation in *Borrelia burgdorferi*, the Lyme Disease bacterium." Co-advisor: Richard Ostfeld

Postdoctoral Associate, CSIRO, Canberra, Australia 2012-2015; Postdoctoral Associate, Penn State 2015; Postdoctoral Associate, U. Georgia 2016;

22) **Jean Deo** – Ph.D. 15 September 2014. "Mixed Species Nesting Associations in a Northeast Deciduous Forest". Co-advisor: Richard Ostfeld

Postdoctoral Associate, Hofstra University, 2015-16;

23) **Cara Faillace** - Ph.D. 29 March 2017. "Invasions and Diversity: Mechanisms, Microbes, and Multiple Scales." Postdoctoral Associate, CNRS, Moulis, France. Starting Jan. 1 2018.

24) **Paul Walberg** – Ph.D. in progress.

25) **Nicholas Lorusso** - Ph.D. in progress.

26) **Ariel Kruger** – Ph.D. in progress.

Curriculum Vitae: Peter Jay Morin

27) **Paulina Arancibia** – Ph.D. in progress

28) **Rachel Paseka** - Ph.D. in progress

29) **Samantha Schwab** - Ph.D. in progress; Co-advisor: Nina Fefferman

I have also served on the committees of approximately 80 other graduate students in the graduate programs in Ecology and Evolution, Plant Science, Entomology, and Oceanography. In addition, I have served as the outside examiner for graduate students at Dartmouth College (Mark Durand), The University of Southwestern Louisiana (Dr. Susan Walls), The University of Pennsylvania (Dr. Stephen Heard), Princeton University (Dr. Tormod Burkey, Dr. Greg O'Mullan), the Swedish Agricultural University, Uppsala (Dr. Per Edenhalm), Ecole Normale Supérieure, Paris (Dr. Florence Hulot), Columbia University (Dr. Claire Jouseau), University of New Mexico (Dr. John DeLong), University of North Carolina (Dr. Sarah Lee).

POSTDOCTORAL ASSOCIATES

Dr. Patricia M. Harris, Ph.D., Duke University. May 1995-August 1997.

Dr. Owen L. Petchey, Ph.D., Imperial College, London. November 1997-September 2000. Royal Society Postdoc, University of Sheffield, UK. Associate Professor, University of Zurich, 2011.

Dr. Jill McGrady-Steed, Ph.D., Rutgers University. January 1998-July 1999. Consultant, Great Ecology, San Diego, CA

Dr. M. Henry H. Stevens, Ph.D., University of Pittsburgh. August 1999-June 2001. Associate Professor, Department of Botany, Miami University of Ohio

Dr. Jon Norberg, Ph.D., Stockholm University. August 1999-September 2000. Professor, Stockholm University, Sweden

Dr. Christina M. K. Kaunzinger, Ph.D., Rutgers University. September 2000-December 2003.

Program Administrator, CURE, Rutgers University;

Dr. Christopher Steiner, Ph.D., Michigan State University. January 2002-December 2003. Postdoc, Michigan State University; Associate Professor, Wayne State University.