

## JESSICA GUREVITCH

Department of Ecology and Evolution  
Stony Brook University  
Stony Brook, NY 11794-5245  
phone: 631-632-8600 fax: 631-632-7626  
e-mail: [jgurvtch@life.bio.sunysb.edu](mailto:jgurvtch@life.bio.sunysb.edu)

### Education

B.S. 1973	Biol. Sci. /Ecology, Evolution & Systematics	Cornell University
Ph.D. 1982	Ecology and Evolutionary Biology	University of Arizona

### Professional Experience

2006 – present	Chair, Department of Ecology and Evolution, Stony Brook University
2000 – present	Professor, State University of New York at Stony Brook
1992 - 2000	Associate Professor, State University of New York at Stony Brook
1992 - 1993	Program Director, Population Biology, National Science Foundation
1985 - 1992	Assistant Professor, State University of New York at Stony Brook
1983 - 1985	Postdoctoral Fellow, The University of Chicago

### Professional Society Memberships

Ecological Society of America  
Society for the Study of Evolution  
American Society of Naturalists  
International Association for Vegetation Science  
Sigma Xi

### Grants and Fellowships (see also *Workshops Organized and Funded*, below)

2002-2005	Factors promoting invasion of exotic plant species in forests of the Upton Preserve. U.S. Fish and Wildlife Service. \$77,291
2001-2004	An experimental study of biological invasions in forests of the eastern United States, EPA R828900010, \$453,174 (with M. Lerdau, co-PI)
2001-2002	SGER: Dispersal and local population dynamics following large-scale wildfire NSF, \$27,650 (collaborative grant, with G.A. Fox)
2000-2002	Linking populations and ecosystem ecology through plant invasions: support for Kerry Brown, USDA Forest Service, \$15,000
1998 - 2003	Demography and population dynamics of a fire-adapted tree species, <i>Pinus rigida</i> , NSF, DEB 9806923, \$250,000 (G.A. Fox, co-PI) REU supplements, 1999, \$5000; 2003, \$6000
1998 - 2001	An experimental study of forest invasibility by exotic species, The Nature Conservancy, \$231,450 (incl. \$33,500 cash cost-share from SUNY-SB; M. Lerdau & M. Carreiro, co-PIs)
1998 – 2000	Demographic model of a plant invasion, USDA, 9800724, \$90,000 (Postdoctoral fellowship for Laura Hyatt)
1997	Pitch pine regeneration following severe fire in normal stature and dwarf pines in the Long Island pine barrens, The Nature Conservancy, \$3,800

*Grants and Fellowships, con't.*

- 1996 - 1997 Patterns and mechanisms of community recovery following severe fire in the Long Island pine barrens, NSF, DEB 9634664, \$25,000; REU suppl., \$5,000
- 1996 Responses of pitch pine following severe fire in the Long Island pine barrens, The Nature Conservancy, \$7,000
- 1991 - 1992 Ecological meta-analysis: synthesizing the results of field experiments on competition and predation. NSF, Co-sponsored by Ecology and Mathematics, \$26,500.
- 1991 The relative importance of host genetics, host density, and the environment to a natural plant-pathogen interaction. NSF, Dissertation Improvement Award (for Janet A. Morrison), \$10,954.
- 1990 NSF, Research Experiences for Undergraduates Award, \$4,600
- 1989 - 1994 Competitive dominance at two soil resource levels. NSF Research Grant, \$134,634.
- 1989 Katherine Putnam Fellowship at the Arnold Arboretum of Harvard University, \$34,920.

**Recent Honors**

- 2006 Dean's Award for Excellence in Graduate Teaching
- 2008 Elected member, Society for Research Synthesis Methodology (membership limited to 65 people)

**Professional Service (since 1990)**

- 2008 - Associate Editor, *Biology Letters*
- 2005 – 2007 Executive Vice President, Society for the Study of Evolution
- 2004 - current Editorial Board, *Journal of Vegetation Science*
- 2004 - current Associate Editor, *Ecology Letters*
- 2004 Member, NSF Ecology panel
- 2003 Member, USDA Invasive Species Panel
- 2003 Member, NSF site review team, Jornada LTER
- 1998 - 2000 Secretary (elected position), American Society of Naturalists
- 1998 - 2000 Chair, ESA Awards committee
- 1998, 2000 Member, NRC Howard Hughes Predoctoral Fellowship panel
- 1998 Member, NSF/NATO Postdoctoral Fellowship panel
- 1996 - 1998 Chair, ESA Eminent Ecologist Award subcommittee
- 1997 - 2000 Editorial Board, *Journal of Vegetation Science*
- 1995 - 1996 Distinguished Service/Eminent Ecologist Awards subcommittee, ESA
- 1995 Member, NSF Careers panel
- 1992 - 1996 Associate Editor, *Journal of Vegetation Science*
- 1994 Member, NSF special panel on synthesis, Long Term Ecological Research
- 1991 Member, Nominations Committee for officers, Ecological Society of America
- 1991 Member, NSF Site Visit Team, Kellogg Biol. Sta., Michigan State University
- 1991 - 92 Member, Systematics Agenda 2000: Integrating biological diversity and societal needs. Sponsored by the American Society of Plant Taxonomists, Society for Systematic Biology, and the Willi Hennig Society
- 1990 - 1992 Elected Council-Member-at-Large, Ecological Society of America

*Professional Service, con't.*

current     Reviewer of manuscripts for: Nature, Science, Ecology, Evolution, The American Naturalist, BioScience, Journal of Ecology, Plant Ecology, Canadian Journal of Forest Research, Canadian Journal of Botany, Botanical Gazette, Journal of Vegetation Science, American Journal of Botany, and others  
External reviewer of grant proposals for NSF (Programs in Ecology and in Population Biology and Physiological Ecology), the Department of Energy, the Department of Agriculture, and others

**Publications**           *Citations: 3277 to 02/2009; H-index 24, 12 cited > 100 times*

- 2008         J. Gurevitch, T.G. Howard, I.W. Ashton, E.A. Leger, K.M. Howe, E. Woo and M. Lerdau. Effects of experimental manipulation of light and nutrients on establishment of seedlings of native and invasive woody species in Long Island, NY forests. *Biological Invasions* 10: 821-831.
- 2007         E. A. Leger, K. M. Howe, J. Gurevitch, E. Woo, J.Hickman, I.W. Ashton, and M. Lerdau. The interaction between soil nutrients and leaf loss during early establishment in plant invasion. *Forest Science* 53: 701-709.
- 2006         Richards, C., O. Bossdorf, N. Muth, J. Gurevitch and M. Pigliucci. Jack of all trades, master of some? On the role of phenotypic plasticity in plant invasions. *Ecology Letters* 9:981-993.  
Gurevitch, J. Commentary on Simberloff (2006): meltdowns, snowballs and positive feedbacks. *Ecology Letters* 9:919-921.  
W. Fang, G. Fox, D. R. Taub, R. M. Landis, S. Natali and J. Gurevitch. Sources of variation in growth, form and survival in dwarf and normal-stature pitch pines, *Pinus rigida* (Pinaceae) in long term transplant experiments. *American Journal of Botany* 93:1125-1133.  
K. A. Brown, F.N. Scatena and J. Gurevitch. Effects of an invasive tree on community structure and diversity in a tropical forest in Puerto Rico. *Forest Ecology and Management* 226:145-152.  
Gurevitch, J., S.M. Scheiner and G.L. Fox. *The Ecology of Plants*, 2<sup>nd</sup> Ed. Sinauer Associates, Sunderland, MA. (undergraduate text)
- 2005         R. M. Landis, J. Gurevitch, W. Fang, D. Taub and G. A. Fox. Variation in recruitment and early demography in *Pinus rigida* following crown fire in the pine barrens of Long Island, NY. *Journal of Ecology* 93: 607-617.  
I.W. Ashton, L.A. Hyatt, K.M. Howe, J. Gurevitch, and M.T. Lerdau. Invasive species accelerate decomposition and litter nitrogen loss in a mixed deciduous forest. *Ecological Applications* 15: 1263-1272.

- 2004 Legendre, P., M.R.T. Dale, M.-J. Fortin, P. Casgrain and J. Gurevitch. Effects of spatial structures on the results of field experiments. *Ecology* 85: 3202-3214.  
 Brown, K.A. and J. Gurevitch. Long-term impacts of logging on forest diversity in Madagascar. *PNAS* 101:6045-6049.  
 Howard, T.G., J. Gurevitch, L. Hyatt and M. Carreiro. Forest invasibility in communities in southeastern New York. *Biological Invasions* 6: 393-410.  
 Gurevitch, J. and D. Padilla. Are invasive species a major cause of extinctions? *Trends in Ecology and Evolution* 19: 470-474.  
 Gurevitch, J. and D. Padilla. Response to Ricciardi: Assessing species invasions as a cause of extinction. *Trends in Ecology and Evolution* 19: 620.
- 2003 Hyatt, L.A., M.S. Rosenberg, T.G. Howard, G. Bole, W. Fang, J. Anastasia, K. Brown, R. Grella, K. Hinman, J.P. Kurdziel and J.Gurevitch. The distance dependence prediction of the Janzen-Connell hypothesis: a meta-analysis. *Oikos* 103: 590-602.
- 2002 Gurevitch, J., S.M.Scheiner and G.L. Fox. *The Ecology of Plants*. Sinauer Associates, Sunderland, MA. (undergraduate text)  
 Liebhold, A.M. and J. Gurevitch. Integrating the statistical analysis of spatial data in ecology. *Ecography* 25: 553-557.  
 Legendre, P., M.R.T. Dale, M.-J. Fortin, J. Gurevitch, M. Hohn and D. Myers. The consequences of spatial structure for the design and analysis of ecological field surveys. *Ecography* 25: 601-615.
- 2001 Gurevitch, J., P. Curtis and M. H. Jones. Meta-analysis in ecology. *Advances in Ecological Research* 32:199-247.  
 Scheiner, S.M and J. Gurevitch, Eds. *Design and Analysis of Ecological Experiments*, 2<sup>nd</sup> Ed. Oxford Univ. Press.  
 Rustad L.E., J.L Campbell, G.M. Marion, R.J. Norby, M.J. Mitchell, A.E. Hartley, J.H.C. Cornelissen, and J.Gurevitch. A meta-analysis of the response of soil respiration, net nitrogen mineralization, and aboveground plant growth to experimental ecosystem warming. *Oecologia* 126 (4): 543-562
- 2000 Gurevitch, J., J. A. Morrison and L. V. Hedges. The interaction between competition and predation: a meta-analysis of field experiments. *American Naturalist* 155: 435-453.  
 Shaver, G.R., J. Canadell, F. S. Chapin, III, J. Gurevitch, J. Harte, G. Henry, P. Ineson, S. Jonasson, J. Melillo, L. Pitelka, and L. Rustad. Global warming and terrestrial ecosystems: a conceptual framework for analysis. *BioScience* 50:871-882.  
 Fox, G. A. and J. Gurevitch. Population numbers count: tools for near-term demographic analysis. *American Naturalist* 156:242-256.

- 1999 Gurevitch, J. and L.V. Hedges. Statistical issues in conducting ecological meta-analyses. *Ecology* 80:1142-1149.  
 Hedges, L. V., J. Gurevitch and P. Curtis. Meta-analysis of response ratios in experimental ecology. *Ecology* 80:1150-1156.  
 Goldberg, D.E., T. Rajaniemi, J. Gurevitch and A. Stewart-Oaten. Empirical approaches to quantifying interaction intensity: competition and facilitation along productivity gradients. *Ecology* 80:1118-1131.  
 A.M. Arft, M.D. Walker, J. Gurevitch, and the ITEX Synthesis Group. Responses of tundra plants to experimental warming: meta-analysis of the International Tundra Experiment. *Ecological Monographs* 69: 491-511.
- 1998 Gomez, P. and J. Gurevitch. Weed community responses in a corn-soybean intercrop. *Applied Vegetation Science* 1:281-288.
- 1997 Adams, D.C., J. Gurevitch and M.S. Rosenberg. Resampling tests for meta-analysis of ecological data. *Ecology* 78:1277-1283.
- 1996 Gurevitch, J., T. C. Morton, P. L. Gomez, D. R. Taub and I-N. Wang. Competition and genetic background in a rapid-cycling cultivar of *Brassica rapa* (Brassicaceae). *American Journal of Botany* 83:932-938.
- 1995 Wilson, C. and J. Gurevitch. Plant size and spatial pattern in a natural population of *Myosotis micrantha*. *Journal of Vegetation Science* 6:847-852.
- 1994 J. Gurevitch and S. L. Collins. Experimental manipulation of natural plant communities. *Trends in Ecology and Evolution* 9:94-98 (cover article).  
 R. J. Reader, et al. Intensity of plant competition and neighbor biomass: testing for a consistent relationship. *Ecology* 75:1753-1760.
- 1993 S. M. Scheiner and J. Gurevitch, Eds. *The Design and Analysis of Ecological Experiments*. Chapman & Hall, NY and London.  
 Gurevitch, J. and L. V. Hedges. Meta-analysis: combining the results of independent experiments. *In: Scheiner, S.M. and J. Gurevitch, The Design and Analysis of Ecological Experiments*. pp. 378-398.  
 Fortin, M.-J. and J. Gurevitch. Permutation methods: spatial patterning and plant competition. *In: Scheiner, S.M. and J. Gurevitch, The Design and Analysis of Ecological Experiments*. pp. 342-359.
- 1992 Gurevitch, J., L. L. Morrow, A. Wallace and J. S. Walsh. A meta-analysis of field experiments on competition. *American Naturalist* 140:539-572.  
 Gurevitch, J. Sources of variation in leaf shape among two populations of *Achillea lanulosa*. *Genetics* 130:385-394.  
 Gurevitch, J. Differences in photosynthetic rate in populations of *Achillea lanulosa* from two altitudes. *Functional Ecology* 6:568-574.

- 1990 Gurevitch, J. and P.H. Schuepp. Boundary layer properties of highly dissected leaves: an investigation using an electrochemical fluid tunnel. *Plant, Cell and Environment* 13:783-792.  
Gurevitch, J., P. Wilson, P. Teese, J. Stone, and R. Stoutenburgh. Competition among old-field perennials: effects of available space and resource level. *Journal of Ecology* 78:727-744.
- 1989 Gurevitch, J. and R. S. Unnasch. The effect of competition on plant community structure at two levels of soil resources. *Can. J. Bot.* 67:3470-3477.
- 1988 Monson, R.K., J.A. Teeri, M.S.B. Ku, J. Gurevitch and L.J. Mets. Carbon isotope ratios in leaves of *Flaveria* species exhibiting different amounts of C<sub>3</sub>- and C<sub>4</sub>-cycle co-function. *Planta* 174:145-151.  
Gurevitch, J. Variation in leaf dissection and leaf energy budgets among populations of *Achillea* from an altitudinal gradient. *Amer. J. Botany* 75:1298-1306.  
Gurevitch, J. Differences in the proportion of women to men invited to give seminars: is the old boy still kicking? *Bull. Ecol. Soc. Amer.* 69:155-160.
- 1986 Gurevitch, J. Competition and the local distribution of the grass *Stipa neomexicana*. *Ecology* 67:46-57.  
Gurevitch, J. Restriction of a C<sub>3</sub> grass to dry ridges in a desert grassland. *Canadian Journal of Botany* 64:1006 -1011.  
Gurevitch, J. and S.T. Chester. Analysis of repeated measures experiments. *Ecology* 67:251-255.  
Gurevitch, J., J.A. Teeri and A.M. Wood. Genetic differentiation in water relations and photosynthetic carbon metabolism among populations of *Sedum wrightii* (Crassulaceae). *Oecologia* 70:198-204.  
Teeri, J.A., M. Turner and J. Gurevitch. The response of leaf water potential and Crassulacean Acid metabolism to prolonged drought in *Sedum rubrotinctum*. *Plant Physiol.* 81:678-680.
- 1985 Gurevitch, J. and J.A. Teeri. Genetic adaptation and phenotypic plasticity in response to water stress among populations of *Sedum wrightii* (Crassulaceae). *In* 7th Conference Biometeor. and Aerobiol. pp. 397-398. Amer. Meteor. Soc., Boston.
- 1984 Teeri, J.A. and J. Gurevitch. Environmental and genetic control of Crassulacean acid metabolism in two Crassulacean species and an F<sub>1</sub> hybrid with differing biomass  $\delta^{13}\text{C}$  values. *Plant, Cell and Environment* 7:589-596.  
Scheiner, S.M., J. Gurevitch and J.A. Teeri. A genetic analysis of the photosynthetic properties of populations of *Danthonia spicata* that have different growth responses to light level. *Oecologia* 64:74-77.

*Submitted and In Preparation:*

- Koricheva, J., J. Gurevitch and K. Mengersen, eds. Handbook of Meta-analysis in Ecology and Evolution. (in preparation, contract with Princeton University Press)
- Gurevitch, J. Alien species and imperiled natives: evidence and questions. (In revision)
- Gurevitch, J., G. A. Fox, G. M. Wardle, Inderjit and D. Taub. Emergent insights from the synthesis of conceptual frameworks for biological invasions (to be submitted to Proceedings of the Royal Society B).
- Susan M. Natali, J. Gurevitch, G.A. Fox, R.M. Landis and E.A. Leger. Life, death and fire in the Long Island pine barrens.

**Software Published**

- 1997; 2000 Rosenberg, M.S., D.C. Adams and J. Gurevitch. *MetaWin*. Statistical software for conducting meta-analysis: fixed effect models, mixed effect models, and resampling tests. (Versions 1.0, 2.0). Sinauer Assoc., Sunderland, MA.

**Published Book and Software Reviews (since 1995)**

- 2007 Gurevitch, J. Sparrow wars, reptilian eucalypts, and xenophobes. Review of: American perceptions of immigrant and invasive species: strangers on the land. *Science* 316: 544-544.
- 2003 Gurevitch, J. Data analysis in biology. Review of: Quinn, G.P. and M.J. Keough. 2000. Experimental design and data analysis for biologists. Cambridge Univ. Press, Cambridge. *Journal of Biogeography* 30: 1281-1282.
- 1999 Gurevitch, J. Review of: D.M. Richardson, ed. Ecology and Biogeography of *Pinus*. 1998. *Quart. Rev. Biol. (QRB)* 74: 232.
- 1998 L. Hyatt and J. Gurevitch. Review of: Brock, J.H., et al., eds. 1997. Plant Invasions: Studies from North America and Europe. *Quart. Rev. Biol.* 73:508-9.
- 1997 Floyd, T. and J. Gurevitch. Statistical commonsense and complexity. Book review of: Underwood, A.J. 1997. Experiments in Ecology. *TREE* 10:410-411.
- 1996 Gurevitch, J. Review of: Whelan, R.J. 1995. The Ecology of Fire. *QRB* 71:439-440.

### **Symposia Organized**

- 1989 Evaluating the experimental manipulations of natural plant communities: what we have learned and what remains to be learned. ESA annual meeting, Toronto, Canada; *Participants*: J. Gurevitch, N. Fowler & J. Travis, N. Huntly, D. Wedin & D. Tilman, D. Goldberg & A. Barton, S. Pickett & E. Squiers, J. Denslow
- 1994 The future of funding for ecological research. AIBS/ ESA annual meetings, Knoxville, TN; *Participants*: J. Gurevitch, Thomas Lovejoy & Rosina Bierbaum, Michael Gough, Roger Dahlman & Jerry W. Elwood, Anthony Janetos, James R. Gosz, Diana W. Freckman
- 1996 Meta-analysis in ecology (with Peter Curtis, co-organizer). ESA annual meeting, Providence, RI; *Participants*: P. Curtis, J. Gurevitch, D.E. Wooster & A. Sih, A. Tonhasca, M.T. Brett and C.R. Goldman, E. Fernandez-Duque and C.R. Valeggia, X. Wang, and L. V. Hedges.
- 2000 Thirty Questions for Ecology in the 21st Century (with N. Huntly, co-organizer). ESA annual meeting, Snowbird, UT.
- 2002 Spatial statistics in ecological and evolutionary research. American Society of Naturalists, Banff, Alberta, Canada.

### **Invited Workshops**

- 1994-96 Bodega Field Conference, UC-Davis
- 1996-98 Meta-analysis in ecology, at the National Center for Ecological Analysis and Synthesis (NCEAS), Santa Barbara
- 1996 International Tundra Experiment synthesis, NCEAS, Santa Barbara
- 1999 Cross-biome synthesis of ecosystem responses to global warming, NCEAS
- 2002 Meta-analysis, Pymatuning Biological Station, Univ. Pittsburgh
- 2005 Ecological meta-analysis, University of Calgary

### **Workshops organized and funded**

- 1999-2000 A. Liebhold and J. Gurevitch; Integrating the statistical modeling of spatial data in ecology. Funded by NCEAS, Santa Barbara.
- 2006-08 J. Koricheva and J. Gurevitch; Meta-analysis in ecology: Lessons, challenges and future. Funded by NCEAS, Santa Barbara.

**Invited Presentations** (since 2000)

- 2000 Long Island Botanical Society  
Blandy Experimental Farm, University of Virginia  
Symposium at ESA annual meeting, Snowbird, Utah  
Department of Biological Sciences, University of South Florida, Tampa
- 2001 Dept. Biological Sciences, Pymatuning Biological Station, Univ. Pittsburgh  
Pine Barrens Research Conference, Brookhaven National Laboratory, Upton, NY  
The Living World: a public lecture series, Stony Brook, NY
- 2002 Biology, Maquarie University, Sydney, Australia  
Symposium at American Society of Naturalists annual meeting, Banff, Canada Evolution,  
Ecology, & Organismal Biology, The Ohio State University
- 2003 Ecology and Evolution, Stony Brook University
- 2004 Harvard Forest, Harvard University, Petersham, MA  
Biology of Invasions, Beijing, China  
C.T. de Wit Graduate School, Wageningen Univ., Netherlands. Keynote speech, annual  
symposium.
- 2005 Ecology, Evolution and Environmental Biology and Center for Environmental Research  
and Conservation, Columbia University, New York City, NY  
Ecology, Evolution and Natural Resources, Rutgers University, New Brunswick, NJ  
Biology, Swarthmore College, Swarthmore, PA  
Biology, Indiana University, Bloomington IN
- 2006 Plant Biology/DOE Plant Research Lab, Michigan State University, Lansing MI  
Biology, Ecology and Management of the World's Worst Plant Invasive Species; Delhi,  
India (Keynote speech)
- 2007 Alien Species: Environment, Biorisks, Future. Univ. of Turku, Turku, Finland  
Meta-analysis: a practical perspective; British Ecological Society, Glasgow
- 2008 University of Texas, Austin  
University of Central Florida  
Swiss Federal Research Institute, Research Unit Ecological Genetics & Evolution, Zurich
- 2009 Odom Conference, E.N. Huyck Preserve & Rensselaerville Institute, Rensselaerville NY  
(upcoming)

## **University Teaching**

### *Undergraduate Courses Taught at Stony Brook*

General Ecology, BIO 351

Plant Ecology, BIO 385

Principles of Biology, BIO 151 (former Intro Bio for majors, co-taught)

Fundamentals of Biology, BIO 201 (Intro Bio for majors, co-taught/ course director)

An Introduction to Stony Brook, USB 101

### *Graduate Courses and Seminars Taught*

Principles of Ecology, BEE 550 (with C. Janson and J. Thomson)

Advanced Ecology, BEE 560 (with J. Thomson and L. Slobodkin)

Ecological Methods, BEE 585

*Seminars:* The synthesis of quantitative genetics and physiological ecology; Agricultural ecology; The ecology of pine barrens; Invasive species; Ecological meta-analysis & others; Biotic responses to global climate change, and others

### Undergraduate Honors college advisor, 2002-2008

### Dissertation and other advising

#### *Major advisor, Ph.D. students:*

Janet Morrison (Ph.D. 1994; Associate Professor, The College of New Jersey)

Proserpina Gomez (Ph.D. 1996; Professor, Mindanao State Univ., Philippines)

Paul Teese (Ph.D. 1997; Director, Bowman's Hill Preserve, PA)

Daniel Taub (Ph.D. 1997; now Associate Professor, Southwestern University, Texas)

Wei Fang (Ph.D. 2003, now Assistant Professor, Long Island University-C.W. Post campus, New York)

Kerry Brown (Ph.D. 2004, Assistant Professor, University of the Virgin Islands)

Eliza Woo (Ph.D., 2008, Postdoctoral Fellow, Columbia University, New York)

Adam Laybourn (entered program Fall 2007)

James Mickley (entered program Fall 2008)

*Doctoral Committees (since 2001):* Christopher Jensen, Jonathan Hickman, Joshua Banta, Andre Tiu, Heather Throop, Jennifer Funk, Isabel Ashton, Catherine McGlynn, Norah Warchola, Sarah Gray

University teaching, continued:

*Outside committee member:* Myla Aronson, Ph.D. 2006, Rutgers University

*Masters' Advisor:* Laura L. Morrow (1990); Dana Woltering (1996); Kerry Brown (1998);  
Rebecca Grella (2000); Richa Misra (2001); Cate Stabile (2003), Angela Joseph (2007),  
David Ruggiero (2008)

*Postdoctoral supervisor:*

Elizabeth Leger (2004-5, Ph.D., University of California at Davis, now Assistant Professor at University of Nevada, Reno)

Laura Hyatt (1998-2002; Ph.D., Univ. Pennsylvania, now Associate Prof., Ryder University)

Timothy Howard (1998-2000; Ph.D., U. Mich.; now Ecologist, NYS Natural Heritage Prog.)

R. Matthew Landis (1999-2001; Ph.D., Dartmouth; now Associate in Science Instruction, Middlebury College)

Maria N. Miriti (1999-2002; Ph.D., Univ. Ill. at Chicago; now Assistant Professor, Ohio State Univ.)

Katerine Howe (2003- 2004; Ph.D., Univ. Washington, now Coordinator, Midwest Invasive Plant Network, The Nature Conservancy, Indianapolis IN)

**Community Service**

Organized workshop on career choices and opportunities for women in science, March 27, 1990, held at State University of New York at Stony Brook.

Participant and invited speaker (careers in science), The Academy of St. Joseph, Brentwood, NY, April 1990.

Symposium for Girls Exploring Math and Science, held at State University of New York at Stony Brook on January 11, 1994; participant.

Supervised semifinalist-winning Westinghouse project, Loren Wittie, 1995

Invited speaker, "Meet the Professor" coffee, freshmen/sophomores, Langmuir Dorm, SUNY–Stony Brook; October 30, 1997

Invited faculty guest, Hand Residential College, Dept. of Residential Programs, SUNY–Stony Brook; November 18, 1998

Judge, Shipley-Ronal Regional Invitational Science Fair, Nassau Co. NY, May 2000

Presentation/ hands-on program on Fire Ecology and the Long Island Pine Barrens, Edna Louise Spear Elementary School, Gifted and Talented Program, October 2004

Supervised Intel semi-finalist project and other research, Zachary Hollander (Great Neck North High School), 2005-2007

Supervised Intel contestant Ross Zhang, 2007-2008