

Awards and Grants

- 1971-1972 NSF grant GY-9110. Ecology of Atlantic white cedar (*Chamaecyparis thyoides*) and related species in the Pine Barrens of New Jersey
- 1976-1978 Milton Fund Grants: studies of leaf form, temporal community structure in forest herbs, serotiny in *Pinus rigida*
- 1978-1982 Clark Fund Grants: allometry and adaptive patterns of leaf shape in forest herbs; carnivory in *Brocchinia* (Bromeliaceae)
- 1981-1982 Atkins Garden Grant: transition between shrubby and arboreal growth forms along rainfall and edaphic gradients in sw Australia and New Caledonia
- 1981-1983 Milton Fund Grant: mechanical constraints on evolution of plant form
- 1983-1984 Grants from the Maria Moors Cabot Foundation, E. I. Dupont de Nemours, Pfeizer-Dekalb, Monsanto Corporation, and Cambridge University Press to support an international symposium on Evolutionary Constraints on Primary Productivity: Adaptive Strategies of Energy Capture in Plants (\$11,000)
- 1984-1986 National Geographic Society Grant: Adaptive radiation and evolution of carnivory in the bromeliad genus *Brocchinia* of the Guayana Highlands (\$19,600)
- 1986-1987 Wisconsin Alumni Research Foundation Grant: Ecological causes of depth zonation in aquatic plants (\$12,407)
- 1986-1987 Nave Fund, University of Wisconsin [with K. J. Sytsma]: Molecular evolution in the plant family Rapateaceae endemic to the Guayana Shield (\$4,780)
- 1987-1988 Wisconsin Alumni Research Foundation Grant: Causes of depth zonation in emergent and floating-leaved macrophytes (\$11,599)
- 1988-1991 National Science Foundation Grant BSR-8806520 (PI, with K. J. Sytsma as co-PI): Molecular evolution and adaptive radiation in the bromeliad genus *Brocchinia* (\$93,689) (including a \$4,000 REU grant)
- 1988-1990 National Geographic Society 133-N680 (PI, with K. J. Sytsma as co-PI): Molecular evolution, adaptive radiation, and speciation in the fleshy-fruited Hawaiian lobelioids (\$20,674)
- 1990-1992 National Science Foundation BSR-9007293 (PI, with K. J. Sytsma as co-PI): Molecular evolution in *Brocchinia*, the Pitcairnioideae, and allied monocots (\$142,200) (including a \$10,800 supplement)
- 1990-1992 National Science Foundation (co-PI, with P. Reich (PI) and J. Volin (co-PI)): Effects of elevated levels of carbon dioxide and ozone on plant growth and photosynthesis (\$80,000)
- 1991 Nave Fund, University of Wisconsin: Molecular evolution in the Pitcairnioideae (\$4,000)
- 1991-1992 Hilldale Committee (PI): The role of competition in determining depth zonation in aquatic plants (\$4,000 award to support undergraduate research)
- 1991-1994 National Science Foundation (PI): Causes of depth zonation in emergent and floating aquatic plants (\$165,000) DEB-9107379
- 1992-1993 National Science Foundation (PI): Trends in the stature, allocation to support tissue, and diversity of submersed aquatic plants along a natural fertility gradient (\$6,500 Research Experience for Undergraduates Award)
- 1992-1993 National Science Foundation (PI, with K. J. Sytsma as co-PI): Molecular evolution and adaptive radiation in the monocot family Rapateaceae, endemic to the Guayana Shield (\$5,000 Research Experience for Undergraduates Award)
- 1992-1993 Hilldale Committee (PI): Energetic costs of simple vs. compound leaves (\$4,000 award to support undergraduate research)
- 1992-1993 Hilldale Committee (PI): Competition between the waterlilies *Brasenia schreberi* and *Nymphaea odorata* (\$4,000 to support undergraduate research)
- 1992-1993 Hilldale Committee (co-PI, with PI K. J. Sytsma) Phylogenetic reconstruction using cpDNA sequencing from the *rbcL-atpβ* spacer region (\$4,000 to support

- undergraduate research)
- 1992-1995 Friends of the University of Wisconsin Arboretum (PI): Experimental reconstruction of oak savannas (\$55,000)
- 1993-1996 Department of Defense - U. S. Fish and Wildlife Service (PI): Ecology of the endangered Karner Blue Butterfly (\$150,000)
- 1993-1994 Hilldale Committee (PI): Molecular evolution and adaptive radiation in Pacific Coast lilies (\$4,000 to support undergraduate research)
- 1993-1994 Hilldale Committee (PI): Dominance by shrubs vs. herbs in relation to light availability along a forested gradient in southern Wisconsin (\$4,000 to support undergraduate research)
- 1993-1995 National Science Foundation (PI, with K. J. Sytsma as co-PI): Molecular evolution in the Rapateaceae and allied monocot families (\$120,000)
- 1994-1997 U. S. Forest Service (PI): Trends in the composition, structure, and diversity of forest understories along climatic and edaphic gradients in the Upper Great Lakes (\$85,000)
- 1995-1997 American Orchid Society (PI, J. Hapeman as co-PI): Molecular evolution and adaptive radiation in the rein orchids (*Platanthera*: Orchidaceae) (\$10,800)
- 1995-1998 National Science Foundation (PI, with K. J. Sytsma as co-PI): Molecular evolution, adaptive radiation, and geographic speciation in the Hawaiian lobelioids (\$180,000)
- 1995-1997 National Science Foundation (PI, with T. Patterson as co-PI): Molecular evolution and adaptive radiation in *Calochortus* (Liliaceae) (\$10,000)
- 1998-2000 National Science Foundation (PI, with A. Mast as co-PI): Molecular evolution and adaptive radiation in *Banksia* (Proteaceae) (\$10,000)
- 1998-1999 Hilldale Committee (PI): Evolution of leaf anatomy in relation to shade tolerance in the Hawaiian lobeliads (\$4,000 to support undergraduate research)
- 1998-1999 Hilldale Committee (PI): Molecular systematics of *Clermontia* (Campanulaceae) (\$4,000 to support undergraduate research)
- 1998-1999 Wisconsin Alumni Research Foundation (PI): Quantification of light regimes and photosynthetic rates in the Hawaiian lobeliads (\$26,000)
- 1999-2003 National Science Foundation (PI, with G. Goldstein as co-PI): Ecology and evolution of photosynthetic light responses in the Hawaiian lobeliads (\$430,000)
- 2000-2006 National Science Foundation (co-PI, with P. Berry as PI and K. Sytsma as co-PI): Molecular evolution and biogeography of endemic elements of the Guayana Highlands flora (\$260,000)
- 2001-2005 Andrew W. Mellon Foundation (PI): Leaf phenology and hydraulic conductance as determinants of shade tolerance in southern Appalachian trees. (\$370,000 direct costs)
- 2001-2003 National Park Service (co-PI, with J. Volin as PI): Development of a simulation model relating hydrology, topography and edaphic factors to landscape variation in plant community structure in the Florida Everglades (\$295,796)
- 2001-2002 National Science Foundation (PI, with F. Landis as co-PI): The effects of light and arbuscular mycorrhizae on oak savanna plant community composition (\$5,224)
- 2002-2003 University of Wisconsin, retention package - \$100,000 flexible funds
- 2002-2007 University of Wisconsin, gift funds - \$20,000/yr
- 2002-2007 National Park Service (T. Givnish and J. Volin [Florida Atlantic University] PIs, Paul Glaser [University of Minnesota] co-PI): Landscape model of ridge and slough topography: integration of hydrology and biological processes (\$800,000)
- 2003-2005 National Science Foundation (PI, with J. D. Coop as co-PI): Environmental determinants of subalpine forest-grassland ecotones in the southern Rockies (\$9,626)
- 2004-2005 Wisconsin Alumni Research Foundation (PI): Phylogenography, geographic cohesion, speciation, and the scale of genetic differentiation in *Calochortus* (Liliaceae) (\$31,410)
- 2005-2008 National Science Foundation (PI): Phylogeography and spatial scales of genetic differentiation and incipient mating barriers in *Calochortus* (\$449,938)

2008-2011 National Science Foundation (Lead PI, collaborative study including Cornell, New York Botanical Garden, Penn State, University of British Columbia Botanical Gardens, University of Georgia, University of Missouri, and University of Wisconsin-Madison): From *Acorus* to *Zingiber*: assembling the phylogeny of the monocotyledons (\$2,895,000 total; \$500,005 UW budget)

Participation in invited international symposia

1975 Symposium on Theoretical Plant Morphology
XIIIth International Botanical Congress, Leningrad

1976 Cabot Symposium on Tropical Trees as Living Systems
Harvard Forest, Petersham MA

1977 Symposium on Plant Population Biology
Ithaca College, New York

1981 Symposium on the Evolutionary Biology of Plants
XIIIth International Botanical Congress, Sydney

1982 Symposium on Recent Advances in Plant Community Ecology
Ecological Society of America, State College PA

1983 Symposium on Physiological Ecology of Plants in the Wet Tropics
Universidad Autonoma Nacional, Mexico City

1983 Cabot Symposium on Evolutionary Constraints on Primary Productivity
(Convener) Harvard Forest, Petersham, MA

1986 Symposium on Comparative Plant Ecology
University of Sheffield, Sheffield, Great Britain

1987 Robertson Symposium on Ecology of Photosynthesis in Sun and Shade
Australian National University, Canberra

1987 Symposium on Adaptive Aspects of Vegetation Structure (Co-convener)
Utrecht, Netherlands

1987 Symposium on Species Diversity Patterns in Vegetation
Utrecht, Netherlands

1988 Symposium on Predictive Theory and Empirical Testing
Davis, California

1990 Symposium on The Use of Phylogeny in Understanding the Evolution
of Tropical Plant-Animal Interactions
Richmond, Virginia

1991 Symposium on Hawaiian Evolution
Hilo, Hawaii

1992 Symposium on Evolution of the Hawaiian biota
Honolulu, Hawaii

1993 Symposium on the Ecology of Aquatic Plants
XVth International Botanical Congress, Tokyo

1994 Symposium on the Ecology of Plant Stems
Newport, Oregon

1994 Symposium on the Ecology of Lupine
Bodega Bay Biological Station, California

1995 Symposium on Molecular Evolution and Adaptive Radiation
(joint convener, with K. J. Sytsma)
Montreal, Canada

1997 Plant Evolution on Islands (Willi Hennig Society)
Washington, D. C.

1998 International Workshop on Plant Plasticity
Tel Aviv, Israel

1998 2nd International Symposium on Monocotyledons

- Sydney, Australia
- 1998 Symposium on Adaptive Radiation and Molecular Systematics
Kyoto, Japan
- 1998 Symposium in Conjunction with the International Prize in Biology
Hayama, Japan
- 1999 Plant Evolution on Islands: Classical Patterns, Molecular Data, New Insights
(Convener, with co-convener U.-R. Böhle)
XVI International Botanical Congress, St. Louis
- 2000 Optimality in Plant Ecology: Prospects and Challenges
Hyttälä Field Station, University of Helsinki
- 2001 Evolution of Plant Physiology
Kew Botanical Gardens, Surrey
- 2001 Adaptive Radiation
National Center for Ecological Analysis and Synthesis, Santa Barbara
- 2001 Deep Morphology: Toward a Renaissance in the Use of Morphology in Systematics
Institute of Botany, University of Vienna
- 2001 Molecular and Morphological Data in Modern Systematics
University of São Paulo
- 2002 Hawaiian Biogeography
Stanford University
- 2002 Tropical Biogeography (co-convener, with Susanne Renner)
Botanical Society of America / American Society of Plant Taxonomists
- 2002 Plant species-level systematics: patterns, processes and new applications
Nationaal Herbarium Nederlands, Leiden
- 2002 Molecular genetics and ecology of plant adaptation
University of British Columbia Botanical Gardens, Vancouver
- 2003 Monocots III
Rancho Santa Ana Botanic Gardens
- 2003 Science and Restoration of the Greater Everglades and Florida Bay Ecosystem
Palm Harbor, Florida
- 2003 Plant Speciation (New Phytologist Trust)
Canadian Association of Botany, St. Francis Xavier University
- 2003 Why Are There So Many Different Kinds of Tropical Plants?
Association for Tropical Biology and Conservation, University of Aberdeen
- 2004 Origin, adaptive radiation, and geographic diversification of the bromeliads
Bromeliad Society International, Chicago
- 2005 Evolution of the Bromeliaceae
XVII International Botanical Congress, Vienna
- 2005 Maximum tree height and hydraulic integration
University of New South Wales, Sydney
- 2007 Tree islands of the Central Everglades
Florida Atlantic University, Boca Raton
- 2008 Monocots IV
Natural History Museum of Denmark, Copenhagen

Seminars (1980-2005) – Australian National University 2004, 2005; Boston University 1980; Cambridge University 1982, 1998; Colorado State University 2006abc; CSIRO Canberra 2008; Duke University 2003; Florida Atlantic University 2001, 2007; Harvard University 1983; Indiana University 1985; Iowa State University 1988; Liverpool University 1982; Miami University of Ohio 1997; Michigan State University 1997, 2005; National Park Service, Miami 2007; National Tropical Botanical Garden 1999, 2005; Ohio University 2001; Oxford University 1982, 1998; Princeton University 1982, 1985; Royal Botanical Gardens, Kew, 1998; Royal Botanical Gardens, Sydney 2005; Rutgers University 1985; Sheffield University 1982; Stanford University 1982; Universidad de los Andes 1982, 1995; University of California at Berkeley 1982; University of California at Davis 1986; University of California at Santa Barbara 2008; University of Canterbury 2005; University of Cape Town 2004; University College of North Wales 1982; University of Connecticut at Storrs 1980, 2007; University of Florida 2002; University of Georgia 1983; University of Hawaii 1997; University of Minnesota 1985; University of Missouri-St. Louis 1997; University of Oslo 2003; University of New Hampshire 1989; University of New South Wales, 2005; University of North Carolina 1988; University of

Rochester 1983; University of Toronto 1980; University of Uppsala 1998; University of Utah 1997; University of Washington 1982; University of Wisconsin-Madison 1985, 1986, 1988, 1992, 2004, 2005, 2006abc; University of Wisconsin-Stevens Point 1997; University of Wisconsin-Whitewater 2008; University of Zürich 2001; Vanderbilt University 1991; Washington University 1982, 1997; Wellesley College 1980; Yale University 1982.

American Society of Plant Taxonomists 1990, 1992, 1994, 1995, 1996, 1998, 2000, 2002, 2006; Association for Tropical Biology 1990, 1992, 2003; Botanical Society of America 1982, 1998, 2001, 2002, 2004, 2007; Canadian Botanical Association 2003; Ecological Society of America 1982, 1988, 1990, 1992, 1996, 2001, 2002, 2007; Greater Everglades Ecological Restoration Conference 2003, 2006, 2008; International Botanical Congress 1982, 1993, 1999, 2005; International Congress on Systematic and Evolutionary Biology 1980; International Society for Ecological Modelling 1988; Midwest Symposium on Population Biology 1987 (speaker), 1988 (convener); Society for the Study of Evolution 1982, 1984, 1991, 1995, 1999, 2007, 2008; US Park Service (Homestead FL) 2007; Willi Hennig Society 1997.

Publications

- Givnish, T. J., and G. J. Vermeij. 1976. Sizes and shapes of liane leaves. *American Naturalist* 110: 743-778.
- Givnish, T. J. 1978. On the adaptive significance of compound leaves, with particular reference to tropical trees. Pp. 351-380 in P. B. Tomlinson and M. H. Zimmermann (eds.), *Tropical trees as living systems*. Cambridge University Press, Cambridge.
- Givnish, T. J. 1978. Ecological aspects of plant morphology: leaf form in relation to environment. *Acta Biotheoretica* 27: 83-142.
- Givnish, T. J. 1979. On the adaptive significance of leaf form. Pp. 375-407 in O. T. Solbrig, S. Jain, G. B. Johnson, and P. H. Raven (eds.), *Topics in plant population biology*. Columbia University Press, New York.
- Givnish, T. J. 1980. Ecological constraints on the evolution of breeding systems in seed plants: dioecy and dispersal in gymnosperms. *Evolution* 34: 959-972.
- Givnish, T. J. 1980. Evolution of form and function [a review of T. H. Frazetta, *Complex adaptations in evolving populations*]. *BioScience* 30: 839.
- Givnish, T. J. 1981. Serotiny, geography, and fire in the Pine Barrens of New Jersey. *Evolution* 35: 101-123.
- Givnish, T. J. 1982. Outcrossing vs. ecological constraints in the evolution of dioecy. *American Naturalist* 119: 849-865.
- Aronson, R. B., and T. J. Givnish. 1982. Optimal central place foraging: a comparison with null hypotheses. *Ecology* 64:395-399.
- Givnish, T. J. 1982. On the adaptive significance of leaf height in forest herbs. *American Naturalist* 120: 353-381.
- Givnish, T. J. 1982. Quantitative plant geography [a review of E. O. Box's *Macroclimate and plant form: an introduction to predictive modeling in phytogeography*]. *BioScience* 33: 392-393.
- Givnish, T. J. 1983. Convergent evolution of crown form in woody plants of southwestern Australia and New Caledonia. *American Philosophical Society Yearbook* 1983: 136.

- Givnish, T. J. 1984. Leaf and canopy adaptations in tropical forests. Pp. 51-84 in E. Medina, H. A. Mooney, and C. Vásquez-Yánes (eds.), *Physiological ecology of plants of the wet tropics*. Dr. Junk, The Hague.
- Givnish, T. J., E. L. Burkhardt, R. E. Happel, and J. W. Weintraub. 1984. Carnivory in the bromeliad *Brocchinia reducta*, with a cost/benefit model for the general restriction of carnivorous plants to sunny, moist, nutrient-poor habitats. *American Naturalist* 124: 479-497.
- Benzing, D. H., T. J. Givnish, and D. L. Bermudez. 1985. Absorptive trichomes in *Brocchinia reducta* (Bromeliaceae) and their evolutionary significance. *Systematic Botany* 10: 81-91.
- Givnish, T. J. 1986. Biomechanical constraints on self-thinning in plant populations. *Journal of Theoretical Biology* 119: 139-146.
- Givnish, T. J. (ed.). 1986. **On the Economy of Plant Form and Function**. Cambridge University Press, Cambridge.
- Givnish, T. J. 1986. On the use of optimality arguments. Pp. 3-9 in T. J. Givnish (ed.), *On the economy of plant form and function*. Cambridge University Press, Cambridge.
- Givnish, T. J. 1986. Economics of gas exchange. Pp. 11-24 in T. J. Givnish (ed.), *On the economy of plant form and function*. Cambridge University Press, Cambridge.
- Givnish, T. J. 1986. Optimal stomatal conductance, allocation of energy between leaves and roots, and the marginal cost of transpiration. Pp. 171-213 in T. J. Givnish (ed.), *On the economy of plant form and function*. Cambridge University Press, Cambridge.
- Givnish, T. J. 1986. Economics of support. Pp. 413-420 in T. J. Givnish (ed.), *On the economy of plant form and function*. Cambridge University Press, Cambridge.
- Givnish, T. J. 1986. Biomechanical constraints on canopy geometry in forest herbs. Pp. 525-583 in T. J. Givnish (ed.), *On the economy of plant form and function*. Cambridge University Press, Cambridge.
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- Givnish, T. J. 1989. Ecology and evolution of carnivorous plants. Pp. 243-290 in W. G. Abrahamson (ed.), *Plant-animal interactions*. McGraw-Hill, New York.
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- Montague, T. G., and T. J. Givnish. 1996. Distribution of black spruce vs. eastern larch along peatland gradients: relationship to relative stature, growth rate, and shade tolerance, and the significance of larch's deciduous habit. *Canadian Journal of Botany* 74: 1514-1532.
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- Givnish, T. J. 1997. Adaptive radiation and molecular systematics: aims and conceptual issues. Pp. 1-54 in T. J. Givnish and K. J. Sytsma (eds.), *Molecular Evolution and Adaptive Radiation*. Cambridge University Press, New York.
- Givnish, T. J., and K. J. Sytsma. 1997. Homoplasy in molecular vs. morphological data: the likelihood of correct phylogenetic inference. Pp. 55-101 in T. J. Givnish and K. J. Sytsma (eds.), *Molecular Evolution and Adaptive Radiation*. Cambridge University Press, New York.
- Givnish, T. J., K. J. Sytsma, J. F. Smith, W. J. Hahn, D. H. Benzing, and E. M. Burkhardt. 1997. Molecular evolution and adaptive radiation in *Brocchinia* (Bromeliaceae: Pitcairnioideae) atop tepuis of the Guayana Shield. Pp. 259-311 in T. J. Givnish and K. J. Sytsma (eds.), *Molecular Evolution and Adaptive Radiation*. Cambridge University Press, New York.
- Givnish, T. J. 1998. Adaptive radiation of plants on oceanic islands: classical patterns, molecular data, new insights. Pp. 281-304 in P. Grant (ed.), *Evolution on Islands*. Oxford University Press, New York.
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- Givnish, T. J. 2001. The rise and fall of plant species: a population biologist's perspective. *American Journal of Botany* 88: 1928-1934.
- Patterson, T. B., and T. J. Givnish. 2002. Phylogeny, concerted convergence, and phylogenetic niche conservatism in the core Liliales: insights from *rbcL* and *ndhF* sequence data. *Evolution* 56: 233-252.
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Graduate Students (1990 - present):

- Timothy Montague (M.A., Botany) Comparative growth and performance of black spruce and eastern larch along peatland gradients in northern Wisconsin – M.A. awarded, 1992
- Brian Pruksa (M.S., IES) Distribution of savanna and woodland herbaceous species along light and soil depth gradients – M.S. awarded, 1993
- Kristin Westad (M.S., IES) Adaptive management plan for the New Jersey Pine Plains – M.S. awarded, 1995

- Antonio Vázquez (Ph.D., Botany) Ecology of montane rain forests in the Sierra de Manantlán, Mexico (co-advisor with H. H. Iltis) – Ph.D. awarded, 1995
- Peter Hujik (M.S., IES) Ecology of lowland Midwestern oak savannas – M.S. awarded, 1995
- Thomas Celebrezze (M.S., IES) Ecology of the endangered Karner Blue Butterfly (Rotary Foundation Fellow) – M.S. awarded, 1996; **designated outstanding Master's Thesis of 1996 at the University of Wisconsin.**
- Mark Leach (Ph.D., Botany) Experimental reconstruction of oak savannas and compositional turnover along sun-shade gradients in remnant savannas – Ph.D. awarded, 1996
- David Foster (Ph.D., Botany) Trends in the composition, structure, and diversity of forest understories along climatic and edaphic gradients in the Upper Great Lakes region (Support through USFS grant) – Ph.D. awarded, 1997
- Laurie Stockmeier (M.A., Botany) Vegetational patterning and the distribution of rare plant species in fens: test of a biogeochemical hypothesis – M.A. awarded, 1998
- Thomas Patterson (Ph.D., Botany) Molecular evolution and adaptive radiation in *Calochortus* (**NSF doctoral dissertation improvement grant**) Ph.D. awarded, 1998
- Austin Mast (Ph.D., Botany) Adaptive radiation and molecular evolution in Australian Proteaceae (**NSF Graduate Fellow; NSF doctoral dissertation improvement grant**) Ph.D. awarded, 2000 -> post-doctoral appointment, University of Zürich -> Assistant Professor, Florida State University
- Jeffrey Hapeman (Ph.D., Botany) Molecular evolution and adaptive radiation in the rein orchids (Orchidaceae: *Platanthera*) of North America (**NSF Graduate Fellow; AOS grant**) M.A. awarded, 2004
- Erica Cochrane (Ph.D., Botany/Zoology) Population dynamics and elephant seed dispersal in African rainforest trees (co-advisor with T. Moermond) (Support through **World Conservation Society grant**) Ph.D.'s awarded, 2001
- Melissa Chung (M.A., Botany) Genetic differentiation in endangered *Oxytropis* (**University of Wisconsin AOF fellowship**) M. S. awarded, 2001
- Frank Landis (Ph.D., Botany) Ecology of prairie and savanna mycorrhizae (**NSF doctoral dissertation improvement grant**) Ph.D. awarded, 2004
- Jonathan Coop (Ph.D., Botany) Causes of subalpine treelines in the Valles Caldera National Preserve (**University of Wisconsin Fellowship; NSF doctoral dissertation improvement grant**) Ph.D. awarded, 2005
- Tara Suring (M.A., IES) Metapopulation dynamics of the federally endangered Pitcher's thistle (*Cirsium pitcheri*) M. A. awarded, 2005
- Kendra Millam (Ph.D., Botany) Molecular systematics and phylogeography of the *Trillium erectum* complex. Ph.D. awarded, 2006
- Terra Theim (Ph.D., Botany) Geographic scale of genetic differentiation in gap-phase vs. understory species of *Psychotria* (Rubiaceae): relation to vagility of seed dispersers (**Nave Fund grant**) Ph.D. awarded, 2006
- Jillian Henss (M.A., Botany) Spatial scales of gene flow in *Calochortus* (Liliaceae) M.S. awarded, 2006
- Phillip Gonsiska (Ph.D., Botany) Phylogeny and adaptive divergence in photosynthetic light responses in *Catopsis* (Bromeliaceae)
- Robert Wernerehl (Ph.D., Botany) Prairie conservation biology; causes of the distributions of dominant prairie grasses along dry-wet landform gradients
- Emily Butler (Ph.D., Botany) Phylogeny and adaptive radiation in North American *Dryopteris* (**Smithsonian summer research grant**)
- Kathryn Gerndt (M.S., IES) Structural habitat of the endangered pine marten in northern Wisconsin
- Stephanie Pimm Lyon (Ph.D., Botany) Phylogeny and geography of Australian *Corybas* (Orchidaceae) (**NSF Graduate fellowship**)

Post-doctoral fellows

- Rebecca A. Montgomery (1999-2003) Physiological adaptations to sun and shade in the Hawaiian lobeliads – Dr. Montgomery is now an Assistant Professor of Forest Resources at the University of Minnesota-Twin Cities

Omar R. Lopez (2003-2006) Leaf phenology and hydraulic conductivity as determinants of shade tolerance in temperate forest trees – Dr. Lopez currently holds the prestigious 3-year Tupper Fellowship at the Smithsonian Tropical Research Institute in Panamá.

Benjamin Van Ee (2006) Origin and radiation of the North American lilies – Dr. Van Ee currently holds a Mercer Fellowship at Harvard University.

Recent service on Departmental and University committees:

Department of Botany

Awards Committee (Chair)	2002-2008
Awards Committee (member)	2008-present
Brochure (Chair)	1985-2008
Budget	1998-2000, 2008-2010
Endowment Fund (Chair)	1986-2008
Finance (Chair)	2008-present

University of Wisconsin

Hilldale Undergraduate Research	
Awards (Chair, Biological Division)	1991-2004
Organization for Tropical Studies, Board	1994-2008
Recreational Sports Board	2005-2008
Recreational Sports Board (chair)	2008-present