

PETER A. PALMIOTTO
Professor, Environmental Studies Department
Antioch University New England

Director of Master's Program, MS in Environmental Studies
Antioch University New England
40 Avon Street
Keene, NH 03431-3516

Phone (603) 283-2338
Fax (603) 357-0718
ppalmioto@antioch.edu

Education

Postdoctoral Research Fellow. Biology Department, Dartmouth College, 1998-1999.
D.F. (Doctor of Forestry). Yale U., School of Forestry and Env. Studies, Ecosystem Ecology, 1998.
M.F.S. (Masters of Forest Science). Yale U., School of Forestry and Env. Studies. Forest Ecology, 1992.
B.S. College of Environmental Science and Forestry, SUNY. Resources Management, cum laude, 1984.
A.A.S. Paul Smith's College. Pre-professional Forestry, 1982.

Teaching

Professor. Antioch University New England. Environmental Studies Department	2001 – present
Visiting Assistant Professor of Environmental Studies. Bates College. Lewiston.	2000 - 2001
Adjunct Faculty. Antioch New England Graduate School. Keene, NH.	2000 (June)
Visiting Assistant Professor of Environmental Studies. Bowdoin College. Brunswick, ME.	1999 - 2000
Adjunct Faculty. Paul Smith's College. Paul Smiths, NY.	1999 (spring)
Co-Lecturer. Yale University F&ES.	1999 (spring)
Lecturer. Yale University F&ES.	1997 (spring)

Administrative

Director – Master's Program Environmental Studies Dept. Antioch Univ. NE.	2016- present
Director – Antioch University Forests, Antioch Univ. NE.	2014-present
Director – Monadnock Ecological Research and Education Project, Antioch Univ. NE.	2007 – present
Director - Conservation Biology Program, Antioch Univ. NE.	2009 – 2016
Co-Director - Center of Tropical Ecology and Conservation, Antioch Univ. NE.	2004 – 2011
Acting Director - Conservation Biology Program, Antioch Univ. NE.	2002 (spring), 2006 (fall)
Assistant Director - Center of Tropical Ecology and Conservation, Antioch Univ. NE.	2002 – 2004
Acting Field Studies Program Director, Antioch Univ. NE.	2006, 2017 (spring)

Community Service

Vice President, Waterman Fund Board (2017), Board member	2013-present
Moosilauke Advisory Board, Dartmouth College	2015-present
Walpole Conservation Commission, alternate. Walpole, NH.	2003-present
Research Advisory Committee – Harris Center	2015-2016
Environmental Excellence Awards committee chair	2003-2006, 2013-2015
Ad-hoc airport Obstruction Clearing Project Committee, City of Keene, NH.	2013- 2015
Nat. Resources Advisory Committee of SW Regional Planning Commision. Keene, NH.	2012 - 2015
Pisgah Technical Team. State of NH.	2007 -2010
Science Advisory committee, Monadnock Conservancy, Keene, NH.	2005 -2006

University Service

Environmental Studies Department Service

Faulkner and Glover's Ledge Grants committee chair	2015-present
GIS and Remote Sensing Center committee	2014-present
CB admissions committee	2007-present
PhD admission committee	2007-present
Adjunct hiring committee	2007-present
Herbarium/Equipment committee	2007-present
Peace Corp proposal committee	2014-present
Search Committee - Faculty – Conservation Biology	2014
Search Committee - Faculty – Environmental Education	2013
Faculty advisor to Center for Tropical Ecology and Conservation	2002- 2011
CTEC seed grants committee	2004- 2014
Course waiver working group	2011-12
Research skills working group	2010-11
Director of the ES Depart Graduate Student Research Symposium.	2007, 2009, 2011, 2013
Assisted in Cert program reaccreditation meeting	2/16/11
Program Evaluation Procedural Development Committee, ANE ES	2006-07
Mary Sterling grants committee chair	2003-2008
Search Committee – ES office manager	2006
Search Committee – Faculty – ES faculty- advocacy	2002

Antioch University New England Service

Search Committee – Admission counselor, fall 2016	
Faculty Senate member, Faculty work life committee chair 2015-2016.	
Visibility & Reputation subcommittee of University Strategic Planning Committee. AUNE spring 2012.	
Search Committee - Alumni Relations Associate, ANE 2009.	
Relations Associate, ANE 2009.	
External Relations Committee, ANE 2008.	
Search Committee - Vice President of Academic Affairs, ANE 2007.	
Inauguration Planning Committee, ANE 2007.	
President's faculty mini grants review committee – 2006-07	

Research and Professional Experience

Collaborator – Impacts of deer exclosures and American beech control on forest regeneration in Gilsum, NH. Monadnock Conservancy, Keene NH. 2014-2017.

Co-PI - Tracking the effects on vegetation and fuels of the 1947 Bar Harbor, Maine fire through time: 1948-2016. Antioch University New England. 2015-Present.

Co-PI – Forest Dynamics Research. Examine the long-term population dynamics of Population dynamics of spruce-fir and hardwood forests in the White Mountains of New Hampshire. Dartmouth College, Hanover, NH. 2010- present.

Co-PI - Collaborative Research: Components of Floral Attraction in a Functional Specialized but Ecological Generalized Flower Guild. NSF grant DEB-0912608. Bat Cave, NC. 2009-present.

Director, Monadnock Ecological Research and Education Project. Antioch University New England, Environmental Studies Department. 2007-present.

Postdoctoral Research Fellow. Biology Department, Dartmouth College. Population dynamics of spruce-fir and hardwood forests in the White Mountains of New Hampshire. 1998-99.

Doctoral dissertation research. Yale University, FE&S. The role of specialization in nutrient-use efficiency as a mechanism driving species diversity in a tropical rain forest.
Advisors: Kristiina A. Vogt, P. Mark S. Ashton, Daniel Vogt, and Peter S. Ashton. 1992-1998.

Research Expedition Member. University of Pennsylvania. Collected field data on the decline of *Fitzroya cupressoides* during a one-month field expedition on Chiloe Island, Southern Chile. 1/1994.

Consultant. Harvard Herbarium, Harvard University, Cambridge MA. Evaluated a rapid survey method of plant diversity by determining the accuracy of preliminary identifications of fallen leaves collected in the Gunung Palung National Park, Indonesia. 1/1992-5/1992.

Research Assistant. University of Pennsylvania. Assisted in the collection of soils and tree data in the Caribbean National Forest, Puerto Rico, at the Hubbard Brook Experimental Forest, NH and on forest plots throughout Vermont. 5/1991-8/1991.

Masters of Forest Science research. Yale University, FES. Examined the regeneration of six *Shorea* spp. in gap and understory micro-sites in mixed dipterocarp forests, W. Kalimantan, Indonesia. 1989-1991.

Research Assistant. Gunung Palung Project, West Kalimantan, Indonesia. Studied the phenology and dispersal ecology of the tree palm, *Orania sylvicola*. Directed daily operations of the research project and trained Indonesian research assistants in data collection. 1988.

Senior Technician. Forest Response Project. Biology Department, Dartmouth College, Hanover, NH. Trained and directed crews in forest surveying and mensuration techniques for the National Acid Precipitation Assessment Program, Mt. Moosilauke, NH. 1986-87, 1989.

Landscape Foreman. Stonehedge Nursery Inc., Hardscrabble Road, North Salem, NY. Through the evaluation of home and business properties, drafted and implemented landscape plans to fit owners' wants and needs. Directed crews on thinning small woodlots. 1985-1986.

Research Technician. USDA Forest Service, Verde Ranger District, Camp Verde, AZ. Observe and record the nesting and foraging behavior of breeding bald eagles. Located and mapped foraging areas, identified prey items and enforced USFS nest closure. 1985.

Fish and Wildlife Technician. Department of Environmental Conservation, Bureau of Fisheries, Albany, NY. Collected field data for the preparation of maps of public fishing easements, fisherman parking areas and fishing access sites. 1984.

Forester Technician. United States Military Academy, West Point, NY. Conducted timber stand improvement projects and rehabilitated logged. Determined the effects of white tailed deer on seedling regeneration. 1984

Talks posters and workshops

Moderator: White-tailed Deer: Monitoring and Impacts. NE Natural History Conference, Cromwell, CT April 21-23, 2017

Panel Member: Using Conserved Land to Study Chestnuts and Beech (with Rick Brackett Hana Kiewicz-Schlansker). Saving Special Places: NH Land Annual Land Conservation Conference, Alton, NH. April 15, 2017.

Panel Member: The role of Public Lands in the U.S. Past, Present and Future (with Jim Furnish, Jeremy Wilson and Stacy Lemieux. Keene State College, Keene, NH. April 4, 2017

Presenter, Facilitator: Wildness Panel. 9th Northeast Alpine Stewardship Conference, Millinocket, ME, Nov 2015.

Co-presented: posters by MERE staff, affiliates and students at the 9th Northeast Alpine Stewardship Conference, Millinocket, Maine, Nov. 2015.

Co-presenter: History of Monadnock: geology, ecology and conservation. Monadnock Conservancy, UNH Cooperative Extension, Keene State College, Antioch New England, Society for the Protection of NH Forests. Camp Glen Brook, Marlborough, NH. September 10, 2015

Facilitator organizer, host: 'Wilderness Ethics' panel discussion. Antioch University New England, Keene, NH. March 2015

Co-presented: posters by MERE staff, affiliates and students at The Alpine, Bellwether of Change: 8th Northeast Alpine Stewardship Gathering, November 1-3, 2013

Vegetation patterns of Monadnock. The Alpine, Bellwether of Change: 8th Northeast Alpine Stewardship Gathering, November 1-3, 2013

The Natural and Unnatural Plants of Monadnock. Monadnock Garden Club. Keene, NH. May 16, 2012.

The Lure of Monadnock. Harris Environmental Education Center. Hancock, NH. February 15, 2012.

Stewardship on Mt. Monadnock. 7th NE Alpine Stewardship Gathering. Waterbury, VT. Nov 12, 2011.

Mt Monadnock: Our constantly changing constant. Keene State College. Oct 19, 2011.

Stewards of Change. Presentation at the 2011 Guy Waterman Alpine Steward Award dinner. Gorham, NH. April 5, 2011.

Adopt-a-crevice community Program: Engaging Students in Ecological Research. Workshop at NEEA/POP Conference, Lake Morey, VT. October 22, 2010.

Amber L. Boland and Peter A. Palmiotto. Poster: Ice Storm Impact on Forest Structure at elevations between 1800' and 2700' on Mt. Monadnock, N.H. On Our Watch: Forests in Transition. Society of American Foresters winter meeting in Nashua NH. March 10, 11, 2010.

Matthew Walter, Peter A. Palmiotto, Jon Atwood. Talk: Snow Tracking Red Foxes and Eastern Coyotes

Along an Urban-to-Rural Gradient in the Adirondack Park of Upstate New York Urban and Wildlife Ecology and Management: An International Symposium on Urban Wildlife and the Environment at University of Massachusetts June 21-24, 2009.

Summit Stewards on Mt. Monadnock: Maintaining the Southern Front. 6th NE Alpine Stewardship Gathering. Lake Placid, NY. May 20, 2009.

The Monadnock Region Land Summit, Keene High School. Panel member - Conservation Priorities: Comparing Approaches. January 2009.

What can our mountain tell us? The Monadnock ecological research and education project. Fall Speaker Series Antioch University New England. November 20, 2008.

Town Conservation Plan. Walpole Planning Board meeting, Town of Walpole, NH. Sept 2008.

Closing Address CTEC annual symposium: Banking on Biodiversity: The Ecological and Socio-economic Dimensions of Sustainable Agriculture. Antioch New England Graduate School. Keene, NH 2006.

Natural Resources Inventory Town of Walpole, NH. Municipal NRI Workshop Shieling Forest, NH. October 22, 2005.

Closing Address CTEC annual symposium: Symposium on Tropical Forests. Antioch New England Graduate School. Keene, NH September 2002.

Nutrient-Use Efficiency: A Mechanism Maintaining Diversity at Lambir. Exploring Forest Diversity & Change: Science & Policy Results from the Network of Forest Dynamics Plots Center for Tropical Forest Science. Smithsonian Tropical Research Institute. Singapore. June 2000.

The Future of Forestry in the 21st Century: Historical Trends, Societal Attitudes and Forestry Education. Paul Smith's College. March 28, 2000.

Refereed articles

Wood, Z.T., Peart, D.R., Palmiotto, P.A., Kong, L. and Peart, N.V. 2015. Asymptotic allometry and transition to the canopy in *Abies balsamea*. *Journal of Ecology*. 103: 1658-1666.

Fischer, S, Williams, E., Brower, L., Palmiotto, P.A. 2015. Enhancing Monarch Butterfly Reproduction by Mowing Fields of Common Milkweed, *American Midland Naturalist*. 173(2):229-240.

Estes JG, Othman N, Ismail S, Ancrenaz M, Goossens B, Ambu, L, Estes, A; Palmiotto, PA. 2012. Quantity and Configuration of Available Elephant Habitat and Related Conservation Concerns in the Lower Kinabatangan Floodplain of Sabah, Malaysia. PLoS ONE 7(10): e44601. doi:10.1371/journal.pone.0044601.

Wolfe, Y., Palmiotto, P.A., and Magee, D. 2009. The Ram's Head Lady's slipper (*Cypripedium arietinum*): A primer for wetland preservation in the Carney Fen Wetland complex, Carney, MI. *The Michigan Botanist* vol: 48.

- Tan, S., Yamakura, Tani, Masako, Palmiotto, P.A., Mamit, J.D. Pin, C.S., Davies, S., Ashton, P. Baillie, I.C. 2009. Review of Soils on the 52 ha Long-term Ecological Research plot in Mixed Dipterocarp Forest at Lambir, Sarawak, Malaysia Borneo. *Tropics* 18 (2): 61-86.
- I.C. Baillie, P.S. Ashton, S.P. Chin, S.J. Davies, P.A. Palmiotto, S.E. Russo and S. Tan. 2006. Spatial associations of humus, nutrients and soils in mixed dipterocarp forest at Lambir, Sarawak, Malaysian Borneo. *Journal of Tropical Ecology* 22:543-553.
- Palmiotto, P.A., S.J. Davies, K.A. Vogt, M.S. Ashton, D.J. Vogt and P.S. Ashton. 2004. Soil-related habitat specialization in dipterocarp rain forest tree species in Borneo. *Ecology* 92: 609-623.
- Itoh, A., T. Yamakura, T. Ohkubo, M. Kanzaki, P. A. Palmiotto, J. V. LaFrankie, A. P.S. and H. S. Lee. 2003. Importance of topography and soil texture in the spatial distribution of two sympatric dipterocarp trees in a Bornean rainforest. *Ecological Research* 18: 307-320.
- Itoh, A., T. Yamakura, T. Ohkubo, M. Kanzaki, P. A. Palmiotto, S. Tan and H. S. Lee. 2003. Spatially aggregated fruiting in an emergent Bornean tree. *Journal of Tropical Ecology* 19: 531-538.
- Itoh, A., T. Yamakura, M. Kanzaki, T. Ohkubo, P. A. Palmiotto, J. V. LaFrankie, J. J. Kendawang and H. S. Lee. 2002. Rooting ability of cuttings relates to phylogeny, habitat preference and growth characteristics of tropical rainforest trees. *Forest Ecology and Management* 168: 275-287.
- Harrison, R., Hamid, R.R., LaFrankie, J., Lee, H.S., Nagamasu, H., Nakashizuka, T., Palmiotto, P.A., Tanaka, K. and Teo, S. 2003. The diversity of hemi-epiphytic figs in a Bornean lowland rain forest. *Biological Journal of the Linnean Society* 78: 439-456.
- Debski, I., F. R. P. Burslem D.A., Palmiotto P.A., V. LaFrankie J., Lee, H.S. and Manokaran, N. 2002. Habitat preferences of *Aporosa* in two Malaysian forests: Implications for abundance and coexistence. *Ecology* 83(7): 2005-2018.
- Davies, S.J., Palmiotto, P.A. Ashton, P.S., Lee, H.S. and LaFrankie, J.V. 1998. Comparative ecology of 11 sympatric species of *Macaranga* in Borneo: tree distribution in relation to horizontal and vertical resource heterogeneity. *Journal of Ecology*. 86: 662-673.
- Vann, D.R., Palmiotto. P.A. and Strimbeck, G.R. 1998. Allometric equations for two South American conifers: test of a non-destructive method. *Forest Ecology and Management*. 106: 55-71.
- Vogt, K.A. , Vogt, D., Palmiotto, P.A., Boon, P., O'Hara, J. and Asbjornsen, H. 1996. Review of root dynamics in forest ecosystems grouped by climate, climate forest type, and species. *Plant and Soil*. 187: 159-219.
- Palmiotto, P.A. 1993. Initial response of *Shorea* wildlings transplanted in gap and forest micro-sites in a lowland rain forest. *Journal of Tropical Forest Science*. 5(3): 403-415.
- Peart, D.R., C.V. Cogbill and P.A. Palmiotto. 1992. Effects of logging history and hurricane damage on canopy structure in a northern hardwood forest. *Bulletin of the Torrey Botanical Club*. 119 (1): 29-38.
- Peart, D.R., M.B. Jones and P.A. Palmiotto. 1991. Winter injury to red spruce at Mt. Moosilauke, NH. *Canadian Journal of Forest Research*. 21: 1380-1389.

Published books and book chapters

- Palmiotto, P.A., Vogt, K.V., Ashton, P.M.S., Ashton, P.S., Vogt, D.J., Semui, H. Seng, L.W. 2004. Linking canopy gaps, topographic position and edaphic variation: implications for species diversity. In: E.C. Losos and E.G. Leigh Jr. (eds.), Tropical Forest Diversity and Dynamism: Findings from a Large-Scale Plot Network. University Chicago Press.
- Vogt, K.A., B. Larson, D.J. Vogt, J. Gordon, A. Fanzeres, J. O'Hara and P.A. Palmiotto. Issues in certification. 1999. Chapter 1. In: K. Vogt, B. Larson, D. Vogt, Gordon, J, Fanzeres, A. (eds.), Forest Certification: Roots, Issues, Challenges and Benefits. CRC Press. Boca Raton, Florida.
- Vogt, K.A., B. Larson, D.J. Vogt, J. Gordon, A. Fanzeres, J. O'Hara and P.A. Palmiotto. 1999. Indicators selection criteria. Chapter 5, Section 1. In: K. Vogt, B. Larson, D. Vogt, Gordon, J, Fanzeres, A. (eds.), Forest Certification: Roots, Issues, Challenges and Benefits. CRC Press. Boca Raton, Florida.
- Larson, B., D.J. Vogt, M. Booth, K.A. Vogt, L.E. Koteen, P.A. Palmiotto and J. O'Hara. 1999. Direct and indirect impacts of natural resource management practices on the ecosystem and their relationship to certification criteria. Chapter 6. In: K. Vogt, B. Larson, D. Vogt, Gordon, J, Fanzeres, A. (eds.), Forest Certification: Roots, Issues, Challenges and Benefits. CRC Press. Boca Raton, Florida.
- Vogt, K.A., B. Larson, D.J. Vogt, J. Gordon, A. Fanzeres, J. O'Hara and P.A. Palmiotto. 1999. Challenges and benefits of certification. Chapter 8. Section 8.1, 8.2, 8.5 In: K. Vogt, B. Larson, D. Vogt, Gordon, J, Fanzeres, A. (eds.), Forest Certification: Roots, Issues, Challenges and Benefits. CRC Press. Boca Raton, Florida.
- Vogt, K.A., Gordon J., Wargo, J., Vogt, D., Asbjornsen, H., Palmiotto, P.A., Clark, H. O'Hara, J. Petal-Weynand, T. and Witten, E. 1997. Ecosystems: Balancing Science with Management. Springer-Verlag, New York. p. 470.

Newsletters, Proceedings papers, and Reports

- Palmiotto, P.A., Milo, Alyssa and DuBois, D.. 2016. Why shouldn't you Stack Stones *The Alpine Steward*. No. 15. November 2016. The Waterman Fund newsletter.
- Palmiotto, P.A., 2016. How the Waterman Fund Grants Protect the Alpine. *The Alpine Steward*. No. 15. November 2016. The Waterman Fund newsletter.
- Palmiotto, P.A. 2015. Trails Restoration Tops the List of Waterman Fund Grants. *The Alpine Steward*. No. 14. November 2015. The Waterman Fund newsletter.
- Palmiotto, P.A. 2014. Wilderness? An Ethical Question? *The Alpine Steward*. No. 13. November 2014. The Waterman Fund newsletter.

Bjorklund, B.M., H. H. Thomas, P. A. Palmiotto, T. P. Algeo, D. Slate, R. B. Chipman, M. D. C. Wilda and D. J. Wilda. 2008. Potential Food Item Distractions during Raccoon ORV Baiting Campaigns on Cape Cod, Massachusetts: Would You Like Fries With That? Proceedings. 23rd Vertebrate. Pest Conference. (R. M. Timm and M. B. Madon, Eds.) Univ. of Calif., Davis. Pp. 270-274.

Vogt K.A., D.J. Vogt, P. Boon, A. Fanzeres, P. Wargo, P.A. Palmiotto, B. Larson, J.L. O'Hara, T. Patel-Weynand, E. Cuadrado, J. Berry. 1999. A non-value based framework for assessing ecosystem integrity. Gen. Tech. Rep. PNW-GTR-461. Portland, OR. US Dept. of Agric., For. Serv., Pac. Northwest Res. Sta. pp. 2-20.

Palmiotto, P.A. Soils and canopy opening in a tropical forest. *Proceeding of a workshop: Research summaries of global forest dynamics plots*. July 29-31, 1998, Washington, D.C. Center for Tropical Forest Science of the Smithsonian Tropical Research Institute.

Palmiotto, P.A., Vogt, K.A. and Olander, L. 1995. Nutrient cycling, ecophysiology and habitat heterogeneity. *Inside CTFS*. Center for Tropical Forest Science of the Smithsonian Tropical Research Institute, Washington, DC.

Palmiotto, P.A. 1995. Plastic shelters reduce mortality of transplanted wildlings of forest tree species used for experimental purposes. *Proceedings of the workshop: Long-term Ecological Research in Relation to Forest Ecosystem Management*. July 25-27, 1994. Kuching, Malaysia.

Palmiotto, P.A. 1995. Preliminary survey of soil texture and organic matter thickness in 52 ha of lowland dipterocarp forest, Lambir Hills National Park, Sarawak Malaysia. *Proceedings of the workshop: Long-term Ecological Research in Relation to Forest Ecosystem Management*. July 25-27, 1994. Kuching, Malaysia.

Palmiotto, P.A. 1994. Utilizing graduate research to teach tropical resource conservation: we graduate students can make a difference. *Tropical Resources Institute News*. 13(1): 1-3.

Palmiotto, P.A. 1991 Regeneration of *Shorea* species in gap and understory micro-sites and the potential of *Eusideroxylon zwageri* from coppicing after selective cutting in a lowland dipterocarp rain forest, West Kalimantan, Indonesia. *TRI Working Paper #58*. Tropical Resources Institute, Yale University, School of Forestry and Environmental Studies.

Palmiotto, P.A. 1991. Reclaiming Indonesia's degraded lands through research and education. *Tropical Resources Institute News*. 10(1): 12-14.

Peart, D.R. and Palmiotto, P.A. 1989. Variation in stand structure with elevation and aspect in a spruce-fir forest at Mt. Moosilauke, NH. USDA Forest Service Technical report.

Grants and Scholarships

Research and Education Grant for the Monadnock Ecological Research and Education Project.
Gordon Foundation, Boston, MA. 2017 - \$6,000

Educational Grant for the Monadnock Ecological Research and Education Project.
Gordon Foundation, Boston, MA. 2016 - \$4,000

Stewardship Network collaborator information compilation: 3rd collection of Alpine stewardship network demographic data.
Waterman Fund, 2015 - \$500

Education and Recreation grant to kiosk and gate at our Glover's Ledge Property.
State of NH Wildlife Recreation Access Program 2015 - \$1013

Educational Grant for the Monadnock Ecological Research and Education Project. Gordon Foundation, Boston, MA.	2015 - \$4,000
Educational Grant for the Monadnock Ecological Research and Education Project. Gordon Foundation, Boston, MA.	2014 - \$4,000
Educational Grant for the Monadnock Ecological Research and Education Project. Gordon Foundation, Boston, MA.	2013 - \$4,000
Education Grant to host 8 th Alpine Stewardship Gathering, Hancock, NH. Waterman Fund Grant.	2013 - \$2500
Collaborative Research: Components of Floral Attraction in a Functional Specialized but Ecological Generalized Flower Guild. National Science Foundation Research Grant.	2009 – 2013 - \$120,000
Educational Grant for the Monadnock Ecological Research and Education Project. Gordon Foundation, Boston, MA.	2012 - \$4,000
Summit stewardship program on Mt. Monadnock, NH. The Waterman Fund Grant, East Corinth VT.	2012 - \$3,600.
Developing a mountain stewardship program on Mt. Monadnock, NH. The Waterman Fund Grant, East Corinth VT.	2011 - \$4,080
Operational Grant for the Center of Tropical Ecology and Conservation. Gordon Foundation, Boston, MA.	2011 - \$4,000
Operational Grant for the Center of Tropical Ecology and Conservation. Gordon Foundation, Boston, MA.	2010 - \$4,000
Grass land ecology on Naushon IS, MA. Michael R. Paine Conservation Trust, Boston MA.	2009 - \$10,100
Effects of Ice storm damage to Forest Structure, Mt. Monadnock, NH. Antioch University faculty mini grant.	2009 - \$2,400
Operational Grant for the Center of Tropical Ecology and Conservation. Gordon Foundation, Boston, MA.	2009 - \$5,000
Development of a summit stewardship program on Mt. Monadnock, NH. The Waterman Fund Grant, East Corinth VT.	2009 - \$5,000
The Distribution of understory vegetation on Mt. Monadnock. Antioch University faculty mini grant.	2008 - 3,000
Operational Grant for the Center of Tropical Ecology and Conservation. Gordon Foundation, Boston, MA.	2008- - \$5,000
Development of the Monadnock Ecological Research and Education Project. Antioch University faculty mini grant	2007- \$3,000

Coastal Connections. Symposium, Center of Tropical Ecology and Conservation, Keene, NH.
Gordon Foundation, Boston, MA 2007 - \$10,000

Banking on Biodiversity: The Ecological and Socio-economic Dimensions of Sustainable Agriculture.
Symposium, Center of Tropical Ecology and Conservation, Keene, NH.
Gordon Foundation, Boston, MA. 2006 - \$10,000

Developing ecosystem level research at a long-term forest dynamics research site, Mt. Moosilauke, NH.
Howard Hughes Medical Institute grant, Bates College. 2001 - \$2685

Litterfall and seedfall patterns by elevation and soil type in a spruce-fir forest, Mt. Moosilauke, NH.
Summer Research Apprenticeships grant, Bates College. 2001 - \$3000

Speaker series and panel discussion on the Ecology and Politics of Maine's Forests'.
Muskies Archives grant, Bates College. 2000 - \$2500

Professional Memberships

Certified Professional Forester- Society of American Foresters. 2002 - present

Referee provided peer reviews for manuscripts:

Biotropica, Forest Ecology and Management, Forest Science, Fire Ecology Proceeding paper, 1999. Tall Timber Research Inc. Tallahassee, Florida, Journal of Sustainable Forestry, Journal of Ecology, Botanical Journal of the Linnean Society, Functional Ecology

Professional Consulting

Peer Review of the Forest Management Plan of the Maywood Farm and Connecticut Light and Power Company Lands in Bridgewater Ct. Ferrucci and Walicki, LLC. April 2003.

Peer review of the Forest Management Certification Evaluation of the Natural Forests of State of Maine Bureau of Parks and Land Public Reserved and Non-Reserved Forestlands. January 2002.

Languages

Conversational in Malaysian and Indonesian

Technical Skills

Can operate chainsaws, skidders, forklifts, tractors, and bulldozers. Certified Game of Logging, level 1.