

Annie S. White, Ph.D

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UNIVERSITY OF VERMONT, BURLINGTON, VT

- PhD in Ecological Landscape Design, Department of Plant & Soil Science 2016
- Research concentration in plant/pollinator interactions, pollinator ecology, and landscape design for pollinators"
 - Dissertatcm 2005 ° Academic concentration in restoration ecology
 - Research concentration in landscape ecology, landscape approaches in mammalian conservation, applications of GIS in Natural Resources
 - Masters Thesis: *Favorability and Avoidance of Spatial Landscape Components in Wolf Den Site Selection*

UNIVERSITY OF HAWAII-HILO, HILO, HI

- Bachelor of Arts in Natural Sciences 2002
- Minor in Conservation Biology and Ecology, Certificate in Land Use Planning
 - Senior Project: *The Historic Sugar Plantation Communities of Hawaii's Hamakua Coast: The Role of Sense of Place in Land Use Decision Making.*

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1. Landscape Design Fundamentals (PSS/ENVS/CDAE/NR 137): 4 credit studio course, fall 2014, summer 2018, summer 2019
2. Ecological Landscape Design (PSS/ENVS/CDAE/NR 238): 4 credit studio course, spring 2014, spring 2018, spring 2020
3. Permaculture (PSS/ENVS 156): 3 credits, spring 2019, fall 2019, spring 2020
4. Greenhouse Management (PSS 127), 4 credit lab course, spring 2018, spring 2020
5. Living Landscapes (PSS 095), 3 credits, fall 2019

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1. Landscape Design Fundamentals (PSS/ENVS/CDAE/NR 137): 4 credit studio course, fall 2011, fall 2012, fall 2013.
2. Ecological Landscape Design (PSS/ENVS/CDAE/NR 238): 4 credit studio course, spring 2012, spring 2013, spring 2014.
3. Landscape Design for Pollinators (PSS 195): 3 credits, fall 2013.

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1. UVM Farmer Training Program. *Designing Pollinator Habitat in Agricultural Landscapes*. July 2017, 2018, 2019.
2. Permaculture (PSS/ENVS 156): *The Buzz on Designing Pollinator-Friendly Landscapes*. November 2017.
3. Ecological Landscape Design (PSS/ENVS 238). *Ecological Design with Native Plants*. Spring 2015.
4. A Bug's Life (PSS 028). *The Ecosystem Service of Pollination*. April 2013, 2014, 2016, 2018
5. Greenhouse Management & Operations (PSS 127). *Trends in Controlled Environment Agriculture*. April 2012 and March 2014.
6. Ecological Design (NR 289.) *Science and Design in Controlled Environment Agriculture*. February 2013.

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1. Natural Shoreline Erosion Control Training. Assisted the Vermont Department of Environmental Conservation with conducting full-day professional contractor workshops on bioengineering techniques for shoreline stabilization. 12 workshops. 2016-2019.
2. Royal Botanic Gardens Pollinator Workshop. Invited to teach a half-day workshop to landscape design professionals about enhancing pollinator habitat in the landscape. April 2019.
3. Intentional Gardening Workshops. Hired by Northwest Regional Planning to conduct two half-day workshops for homeowners about stormwater friendly landscaping in Northwest Vermont. October 2018.
4. Pollinate New England. Developed the curriculum and led 12 full-day workshops on pollinator garden design and construction for homeowners throughout New England as part of the Native Plant Trust's Pollinate New England Program. 2017-2018.
5. Catching Rain Fort Wayne. Created the curriculum and presented 14 half-day workshops for homeowners in the City of Fort Wayne seeking to design and install residential rain gardens. 2009-2010.
6. Wisconsin Department of Agriculture. Created and presented training workshops for growers in Wisconsin's horticultural industries, aiming to slow the spread of the gypsy moth. 2004.
7. University of Wisconsin Arboretum. Provided educational sessions on the principles of restoration ecology, phenology and plant identification to participants of work parties at the University of Wisconsin Arboretum. 2003-2004.

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1. UConn Native Plants & Pollinators Conference. Storrs, CT. *How Native Plant Cultivars Affect Plant/Pollinator Interactions*. October 2019.
2. New Hampshire Master Gardeners and Natural Resource Stewards Fall Meeting. Concord, NH. *Evaluating the Role of Native Plant Cultivars in Pollinator Gardens*. October 2019.
3. UVM Extension Master Gardeners, Rutland Chapter. Rutland, VT. *The Pollinator-friendly Landscape: Beyond Plant Selection*. September 2019.
4. American Public Gardens Association Annual Conference. Washington, D.C. *Building the Buzz: Pollinate New England as a Model for Regional Engagement*. June 2019.
5. Great Gardens and Landscaping Symposium. Woodstock, VT. *Inspiring Tips for Creating a Pollinator-Friendly Landscape*. April 2019.
6. Pollination Guelph Conference. Guelph, Ontario. *How Native Plant Cultivars Affect Pollinators*. March 2019.
7. Royal Botanic Gardens. Burlington, Ontario. *The Buzz on Designing Pollinator-Friendly Landscapes*. March 2019.
8. Ithaca Native Plant Symposium. Ithaca, NY. *How Native Plant Cultivars Affect Pollinators*. March 2019.
9. Phipps Conservatory Native Plant and Sustainability Conference, Pittsburgh, PA. *Evaluating Native Cultivars for the Landscape*. October 2018.
10. Cleveland Pollinator and Native Plant Symposium. Cleveland, OH. *The Role of Native Plant Cultivars in Pollinator Habitat Restoration*. September 2018.
11. UConn Biological Control Conference. Storrs, CT. *Top Plants for Attracting Pollinators – Natives and Beyond*. June 2018.

23. Vermont Flower Show. Essex, VT. *The Buzz on Designing Pollinator Friendly Landscapes*. February 2017.
24. Vermont Bee Keepers Association Winter Meeting. Essex, VT. *Evaluating Native Plants and their Cultivars for Pollinator Habitat Forage*. January 2017.
25. New England Grows Conference. Boston, MA. *Planting for Pollinators: Native Species vs. Native Cultivars*. December 2016.
26. Berkshire Botanical Gardens. Sheffield, MA. *From Nursery to Nature: Evaluating Native Plants for New England Gardens*. November 2016.
27. Northeast Greenhouse Conference. Boxborough, MA. *Perennials for Pollinators: Choosing the Best, Using Them Effectively*. November 2016.
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UNIVERSITY OF VERMONT – Burlington, Vermont

2014-present

- As a Project Manager, oversaw multiple projects in a fast-paced environment, guiding their transition from initial environmental fieldwork, into permitting and design, and through construction and monitoring

TENUTA DI SPANNOCCHIA – Chiusdino, Siena, Italy

Fall 2004

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Advanced the landscape preservation and restoration of an historic farm estate and nature preserve in Tuscany, Italy. Carried out numerous landscaping and restoration projects in collaboration with a close-knit farming community.

- Developed and executed a restoration plan for a traditional Chestnut grove
- Continued work and maintenance on a constructed wetland system for grey water recycling
- Assisted with day to day maintenance and harvest duties of a working farm and vineyard

WISCONSIN DEPARTMENT OF AGRICULTURE – Madison, Wisconsin

Summer 2004

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Worked in collaboration with state and federal agencies to slow the spread of the invasive gypsy moth throughout the state of Wisconsin.

- Created and presented interactive training workshops for growers in Wisconsin's plant industries, school groups, camping associations and other special interest groups
- Conducted field inspections at greenhouses, nurseries and campgrounds."

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UNIVERSITY OF WISCONSIN ARBORETUM – Madison, Wisconsin

2003-2004

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Led volunteer ecological restoration work parties on Arboretum land. Completed training in restoration ecology, invasive species control, herbicide application, seed collection, leadership skills and nature education.

- Directed work crews in prairie, oak savanna and woodland restoration projects
- Provided educational sessions on the principles of restoration ecology, phenology and plant identification

HAWAII COUNTY PLANNING DEPARTMENT – Hilo, Hawaii

Spring 2001

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Mentored by and assisted county planners and landscape architects with a variety of planning projects on the Big Island of Hawaii.

- Assisted in the development of a land management plan for the Hamakua Coast
- Participated in meetings and public hearings on planning issues and development controversies in Hawaii County

ENVIRONMENTAL CONCERN, INC. – St. Michaels, Maryland

Summer 1996

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Conducted horticultural wetland restoration research at a leading wetland restoration firm. Was responsible for the design, maintenance and analysis of research projects in a research laboratory and nursery.

- Participated in wetland plant identification and wetland delineation courses
- Visited wetland restoration sites throughout the Chesapeake Bay area

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ECOLOGICAL LAKESHORE PARK PLANNING 2019

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- Lead Designer for the redesign of a 36-acre city park on Lake Memphremagog. The design included stabilizing 200 linear feet of shoreline using bioengineering techniques, capturing and infiltrating upland runoff, converting mown lawn areas to pollinator meadows, and integrating passive and active recreation in an ecologically sensitive manner.

LAKESHORE RESTORATION MASTER PLANNING 2017-2019

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Partnering with local conservation districts, secured Ecosystem Restoration Grants through the State of Vermont to fund the redesign of 20 residential lakeshore properties on Maidstone Lake and Lake Iroquois. The residential landscape designs aimed to reduce stormwater runoff, stabilize and revegetate shorelines, and enhance habitat for both terrestrial and aquatic wildlife.

STORMWATER MASTER PLANNING & DESIGN 2010

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- Project Manager and lead Environmental Designer in the development of a stormwater master plan for a 45-acre industrial site. The master plan project sought to investigate, evaluate and recommend options for employing green infrastructure to improve current stormwater management and evaluate further development potential of the site.

RAIN GARDEN DESIGN & PUBLIC EDUCATION 2009

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- Environmental/Landscape Designer responsible for identifying feasible demonstration sites, performing watershed calculations, developing earthwork and planting plans and designing interpretive signage for 12 rain gardens and bioretention areas at schools, museums, public buildings and street medians throughout the City of Fort Wayne. Also developed and presented a Rain Garden Design and Installation Workshop for homeowners.

SUSTAINABLE LANDSCAPE DESIGN 2009

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- Lead Landscape Designer for a new sustainable 25-acre urban park. Utilized the Sustainable Sites Initiative to guide design decisions regarding sustainability. Park included extensive ecological restoration of prairie, woodland and wetland communities, pervious paving alternatives, local landscape materials and native plants.

GREEN BUILDING CONSULTING 2009

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- LEED Accredited Professional and Landscape Designer for a new green building project seeking certification through the U.S. Green Building Counsel's LEED program. Responsibilities included managing the pursuit of site and landscape related LEED credits, designing the site's post-construction stormwater treatment plan, and designing a sustainable landscape using a native plant palette.

2. Vermont Chapter of the American Society of Landscape Architects, Executive Board Member, 2015-2017
3. Northern New England Pollinator Habitat Working Group, 2012-2015
4. Friends of the Parks of Allen County, Board of Directors, 2008-2011

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1. Natural Shoreline Erosion Control Training, State of Vermont, 2016, 2017, 2018, 2019