

Diane C. Huebner

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Objectives

Conservation biologist, habitat restorationist, community outreach activist, educator

Highlights

- 9 years as a volunteer field researcher for the Chicago Wilderness Habitat Project
- Third year graduate student in Northwestern's Plant Biology and Conservation program
- Honorable mention for a 2007 Graduate Fellowship Research grant with the National Science Foundation
- 10 years experience in professional landscaping
- Excellent written and oral communication skills
- Website and graphics experience (Adobe CS3, CS4)
- Statistical software (R, Popgene, FSTAT)
- Public speaking experience
- 7 years working in higher education

Research Experience

Plant Hybridization Study, Northwestern University and the Chicago Botanic Garden, Master's Program in Plant Biology and Conservation (Sept 2006-June 2009). Morphological, molecular (microsatellite DNA regions), percent germination, and common garden trial of 9 Great Lakes populations and 3 Atlantic populations of American sea-rocket *Cakile edentula* ssp. *edentula*

Emerald Ash Borer Monitor, The Morton Arboretum, Lisle, IL. (June – Dec 2007)
Selects trap trees for Emerald Ash Borer study. Records dbh, height and health of trees, girdles and marks trees, inspects for borers, creates maps and records GPS coordinates. Supervisor: Dr. Frederick Miller

Rare Plant Monitor, Chicago Wilderness Plants of Concern (Aug 2006 to present)
Records census data of rare dune plant species in Evanston, IL.

Amphibian Monitor/Monitor Coordinator, Chicago Wilderness Calling Frog Survey (2001-present)
Oversees recording of census data of 13 local frog and toad species at 34 forest preserves, parks and nature sites in Northern Cook County; conducts annual training workshops and disseminates program information, permits, and training materials to volunteers (2005-present)

Dragonfly Monitor, Chicago Wilderness Dragonfly Monitoring Project (Summer 2005 to present)
Recorded census data of local Odonata species at Bunker Hill Forest Preserve, Chicago

Butterfly Monitor, Illinois Butterfly Monitoring Network (Summer 2000 to present)
Records census data of local butterfly species at Bunker Hill Forest Preserve, Chicago

Community Outreach Experience

Amphibian Monitor Coordinator, Chicago Wilderness Calling Frog Survey (2001-present)

Oversees recording of census data of 13 local frog and toad species at 34 forest preserves, parks and nature sites in Northern Cook County; conducts annual training workshops and disseminates program information, permits, and training materials to volunteers (2005-present)

Seminar Speaker, Chicago Wilderness Wild Things Conference, February 7, 2009: "Natural Transition: Bridging Art and Science through the Illustrated Diary"

Chicago Wilderness Wild Things Conference, March 3, 2007: "Monitoring Projects and Lessons we have Learned" panel discussion with Bob Fisher, Diane Huebner, Craig Stettner, Paul Bollinger, Doug Taron, Tom Peterson, Susanne Masi, Steve Kroiss, Emily Hudson, and Karen Glennemeier.

Grassroots Action Team Member, Chicago Wilderness Youth Outreach Field Passport (presented at Wild Things Conference March 3, 2007)

Developed Field Passport as a vehicle for engaging youth in nature related activities at local restoration sites.

Grassroots Action Team: Kathleen Garness, Karen Glennemeier, Pat Hayes, Diane Huebner, Justin Pepper, Chris Mulvaney, Dick Riner, Joel Brown, Joseph Walsh, Eva Dubey

Selection Committee Member, Office of Lt. Governor Pat Quinn (May-Sept 2004)

Selection Committee provided a short list of recommended herp species to elect State of Illinois Official Symbol (Reptile and Amphibian) in conjunction with the Office of Lt. Governor Pat Quinn, Brookfield Zoo, and the Chicago Herpetological Society

Guest Lecturer/Instructor, College First Program, Chicago Botanic Garden (July 2007). Taught dune ecology workshop for Ms. Eva Dubey's plant ecology class and had students participate in data collection for Plants of Concern Program

Technical Skills

Clerical: Access, Excel, Word, Power Point and Publisher

Statistical: R, FSTAT, Poppene, Populus, Winclada

Graphics: Adobe CS3 (Photoshop, InDesign, Dreamweaver, Illustrator, Flash)

Uses both PC and Mac.

Education

Northwestern University

Masters in Plant Biology and Conservation Masters (expected June 2009). Thesis work: A Molecular, Morphological and Experimental Assessment of the conservation status of American Sea-rocket (*Cakile edentula*, Brassicaceae)

Northwestern University School of Continuing Studies (2002-2006)

Bachelor of Science in Environmental Studies. Withdrew to attend graduate school

Naturalist Certificate Program at the Morton Arboretum (1998-2001)

Naturalist Certificate in botany, tree identification, Chicagoland animals, seasonal ecology, and natural areas management

School of the Art Institute of Chicago (1978-1982)

Bachelor of Fine Arts in painting, drawing and design

Awards and Honors

- 2007 Shaw Fellowship, Northwestern University Masters in Plant Biology and Conservation
- 2007 Northwestern University Award in Plant Biology and Conservation
- Honorable Mention, 2007 NSF Graduate Research Fellowship Program
- 2006 Chicago Wilderness Community Leadership Award

Poster Sessions

- 2009 Chicago Wilderness Wild Things Conference, University of Illinois at Chicago
- 2007 Student Research Symposium, Chicago Botanic Garden

Publicity

- [The Mike Nowak Show](#), WCPT, 820 AM, 8.31.08
- Bertufole, MG. Sounds in the Darkness, [Chicago Wilderness Magazine](#), Summer 2008.
- Brotman, B. Honk! Rumble! Ribbit: Hearing frogs above din, Chicago Tribune. June 8, 2006
- Interviewed Spring 2005 by filmmaker David McGowan for Frog Calls: An evolving webumentary for the segment Audubon Frog Monitor Program. <http://www.midwestfrogs.com/>
- June 19, 2003, appeared (under former name Diane Aoki) on WBEZ Chicago Public Radio's "Eight Forty Eight" program to talk about frog monitoring for the Chicago Wilderness Habitat Project. http://www.wbez.org/audio_library/848_rajune03.asp#19

Published

- Huebner, D. Northwestern Joins Plants of Concern, Habitat Herald Newsletter. 2007. 8:6 •
Published drawings, "A Brush With Nature," Chicago Wilderness Magazine, Vol. 8:2

Additional Information

Artist (botanical and landscape illustration)

- ["Sketchbooks: 1995-2000"](#) exhibited at "The Art of Evolution", 2009, Northwestern University presented at the 2009 Chicago Wilderness Wild Things Conference, University of Illinois at Chicago "Natural Transition: Bridging Art and Science Through the Illustrated Diary"

Other Work Experience

Program in Biological Sciences/Program Assistant 2, Northwestern University, Evanston, IL (Jan 2006 to present)

Assists Director and Associate Director of the Weinberg College of Arts and Sciences Program in Biological Sciences to promote three programs: The undergraduate Program in Biological Sciences (PBS), the Minor in the Study of Evolutionary Processes (MSEP) and the Science and Engineering Research and Teaching Synthesis (SERTS). Clerical, administrative, web design, seminar coordinator

Undergraduate Financial Aid/Program Assistant 2, Northwestern University, Evanston, IL (Aug 2001- 2006)

Assisted Work-Study Coordinator to administer Federal Work-Study Program to approx. 2,000 students, including counseling, disseminating program information and student payroll

Assistant Supervisor of Landscaping/Florist, Hyatt Regency Chicago, IL (May-1995 to Jun-2001)

IPM manager, worked with University of Illinois Cooperative Extension Service to find most cost-effective and safe methods of interior and exterior plant care, created Integrated Pest Management protocols and Material Safety Data protocols for department

References available upon request.