

Molly C. Haviland
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PERSONAL INFORMATION

Date of Birth: September 12, 1983
Place of Birth: Bismarck, North Dakota
Citizenship: American
Gender: Female

WORK EXPERIENCE

Soil Life Consulting

Consultant

December 2013-Present

Group and individual training in basic soil food web methodology and applications. Quality control for composting facilities. Consultation for establishing regenerative landscaping and agricultural methods in urban and rural environments. Establish regenerative soil laboratories throughout the world.

Living Soil Compost Lab, Fairfield, Iowa

March 2013-Present

Director, Consultant and Educator

Making and applying biologically diverse soil amendments. Established a clientele within one year. Assuming responsibility for site assessments, consultations, qualitative soil analysis and synthesis, estimates, and treatments. Training and managing employees and interns. Organize and teach courses throughout Iowa in the foundations of decomposition, the soil food web and microscope analysis. Teach University students this foundational knowledge in preparation for Dr. Elaine Ingham's Living Soil course.

Sustainable Education and Enterprise Development Center, Fairfield, IA

Caretaker and Host/Consultant

2011-Present

Responsible for all aspects of off-grid sustainable living included but not limited to: building garden beds, planting trees, developing aerobic composting toilets, making and applying cob and earth plaster to the straw bale structure, developing and hosting various workshops and events to support this nonprofit education center.

MUM Applied Soil Ecology

2012-2013

Compost Technician

University work study position in building and monitoring aerobic thermal compost piles. Qualitative soil assessments were done to assure diverse biological presence in compost and compost amendments.

MUM Organic Greenhouse

2010-2012

Greenhouse Restoration and Maintenance

A self-started position as a soil restorationist for large university greenhouse that provides organic produce for staff, students and general community. Duties

included mixing planting mediums, starting seeds, bed preparation, planting, harvesting, green manure establishment, and composting. Notable successes were made in reducing powdery mildew using aerobic compost tea on pepper plants.

Stems Gardening ~ Denver, Colorado **2009**

Residential Gardener

Worked with a team of women in residential vegetable and flower gardens. Duties included: planting, weeding, landscaping, tool maintenance and repair as well as minimal irrigation repair.

EDUCATION

Maharishi University of Management ~ Fairfield, Iowa **Enrollment: August 2010**

Bachelor of Science in Sustainable Living

Graduation: May 2013

GPA: 3.9

Highlights from Coursework

- Living Soil: Became an expert on qualitative soil assessments, aerobic thermal compost, aerobic compost tea and applications thereof.
- Organic Gardening: Established a composting protocol for the University's Organic Greenhouse
- Rodale Institute Internship: Conducted biological assays for clients and conducted research on various research plots.
- Developed curriculum for teaching the basics of the soil food web as a senior project.
- Permaculture Design Certificate

Metropolitan State College of Denver, CO

General Studies

Enrollment: January 2009

Transfer: June 2010

Lakewood High School ~ Lakewood, CO

Rank: 40/400

GPA: 3.9

Graduation: 2002

INTERNSHIPS

Rodale Institute ~ Kutztown, Pennsylvania

July 2012

Research Intern to Dr. Elaine Ingham

Built and managed compost piles. Maintained a quarter-acre garden. Gave lectures on thermal composting and compost tea brewing. Helped harvest and process crops for Agriculture Supporting Community program. Completed qualitative soil biology assessments for over 30 clients.

LNB Groves ~ Homestead, Florida

January 2011

Site Analyst

Developed a property map for USDA organic certification. Map included property lines, crop species, roads and irrigation for 3 acre orchard.

Shambhala Mountain Center ~ Red Feather Lakes, Colorado

Land Steward Internship

March - September 2008

Exposure to a broad range of horticulture and environmental stewardship techniques while developing the botanic gardens, trails and land-preservation projects.

PROFESSIONAL SKILLS

- Communications - Consulting, Education, Lectures
- Microscopy
- Production of Aerobic Thermal Compost, Vermicompost, Static Compost, Aerobic Compost Tea and Extract
- Management - Teamwork, Training, Coordination
- Problem Solving
- Close Loop Systems Thinking

LECTURES GIVEN

Koehn Trucking ~ Livingston, California	November 18, 2014
Corvinus University ~ Budapest, Hungary	September 12 - October 12, 2014
Green Hills Farm Project~ Galt, Missouri	February 22, 2014
Plank Road Station ~ Alpine, Alabama	February 15, 2014
Mother Mana Project ~ Gulfport, Florida	February 8, 2014
Marando Farms ~ Ft. Lauderdale, Florida	January 25, 2014
Cultivating the Soil Food Web Course ~ Fairfield, Iowa	November 5-20, 2013
Helmville Gardening Group ~ Helmville, Montana	August 10, 2012
The Farm at Locusts on Hudson ~ Staatsburg, New York	July 10, 2012

CERTIFICATIONS

- Permaculture Design Certificate ~November 2010
- Wild Land Fire Fighting ~ May 2008

INTERESTS

Yoga, Hiking, Homesteading, Camping, Closed Loop Systems, Composting, Alternative Health Practices, Super Foods, Reading, Writing, Painting, Sculpture, Comic Books, Eating Broccoli, Pastures, Dung Beetles, Surfing.

REFERENCES AVAILABLE UPON REQUEST