

MADISON MARRA

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EDUCATION

University of Washington - Seattle, Washington **Master's of Education, Projected March 2019**
Certificate in Education for Environment and Community **GPA: 3.94**

Colby College - Waterville, Maine **Bachelor of Arts, May 2017**
Major: Environmental Science **Honors in Environmental Studies**
GPA: 3.52

EXPERIENCE

WWOOF Farm Worker – *Esperanza Farm ("Beyond Organic")* - Mokelumne Hill, CA **Summer 2018**

- Prepared beds and compost, harvested produce, planted, transplanted, watered, and saved seeds.
- Harvested, dried, and packaged wild medicinal herbs and distilled essential oils.

WWOOF Farm Worker – *Weslie and Saul's Vegan Garden (Veganic)* – Vashon, WA **Summer 2018**

- Maintained garden and compost, weeded, watered, planted, transplanted, and harvested.
- Prepared beds by weeding, removing rocks and debris, double-digging, and enriching soil with compost tea.

School Overnight Program Instructor - *IslandWood* - Bainbridge Island, Washington **Fall 2017-Spring 2018**

- Lead four-day outdoor educational experiences with 8-12 5th graders from King and Kitsap County.
- Integrate lessons in local ecology, gardening, and sustainability; guide student-led investigations.

Academic Mentor for Colby Cares About Kids - *Clinton Elementary School* - Clinton, Maine **2013-2017**

- Mentored local elementary school student during weekly visits.
- Built lasting support with student through regular phone and mail contact.

Fourth Grade Classroom Assistant - *Albert S. Hall School* - Waterville, Maine **Fall 2016**

- Assisted students one-on-one with science, writing and reading assignments during class.
- Co-facilitated mini-lessons in reading and grammar.

Education/Research Intern - *Mystic Aquarium* - Mystic, Connecticut **Summer 2014**

- Led green crab monitoring and EPA salt marsh health study with summer camp children.
- Supported summer day camp instructors with marine science lessons and activities.

Farm Stand Assistant - *White Gate Farm (Certified Organic)* - East Lyme, Connecticut **Summer 2013**

- Attended to customers in farm stand, packaged food in farm kitchen, restocked produce.
- Assisted with weeding, planting, and harvesting organic vegetable crops.

RESEARCH EXPERIENCE

Honors Thesis - *Colby College, Environmental Studies* - Waterville, Maine **Fall 2016-Summer 2017**

- Investigated the effects of past climate change on United States East Coast fisheries (1945-1965).
- Included a Gulf of Maine case study on temperature-related novel and invasive species sightings.

Independent Study Project – *School for International Training* - Panama **Spring 2016**

- Surveyed local and tourists on Taboga Island on attitudes toward waste, recycling, and litter.
- Analyzed data and compiled report with recommendations for island waste management.

Research Experience for Undergraduates - *Bigelow Laboratory* - East Boothbay, Maine **Summer 2015**

- Researched egg production and behavior of *Acartia tonsa* fed virus infected *Emiliana huxleyi*
- Presented findings at Bigelow Laboratory and the Council on Undergraduate Research Conference

RELEVANT COURSEWORK

University of Washington - Seattle, Washington **Fall 2017-Spring 2019**

Soils and Land Use Problems, Food and Society, Current Issues in Nutrition, Racism and Public Health, Natural History and Ecology, Curriculum and Instruction Methods, Elementary Science Teaching Methods, Environmental Education, Child Growth and Development, Advanced Instructional Strategies

Colby College - Waterville, Maine **Fall 2013-Spring 2017**

Education for Social Justice, Introduction to Ecology (Lab), Earth and Environment (Lab), Microorganisms and Society, General Chemistry and Analysis, Introduction to Hispanic Literature, Advanced Spanish

SKILLS

NOLS Wilderness First Aid and CPR, PADI Open Water Diver, proficient in Spanish, Microsoft Office, Mac and PCs