

## **Elise Marie Myers**

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elisemyers.com

### **EDUCATION**

- 2015                    **Master of Education** Marquette University  
Education Policy and Leadership, GPA: 3.76
- 2013                    **Bachelor of Science** Humboldt State University  
Biology, GPA: 3.71

### **PROFESSIONAL EXPERIENCE**

- 2015 – present        Urban Ecology Center – Milwaukee, WI  
**Environmental Educator**
- 2015                    Urban Ecology Center – Milwaukee, WI  
**Research and Citizen Science Intern**
- 2015 – 2016          Riverwest Food Pantry – Milwaukee, WI  
**Sustainable Food Communities Intern**
- 2013 – 2015          Teach For America – Milwaukee, WI  
**Science Teacher and Corps Member**

### **CERTIFICATIONS AND LICENSURE**

- 2015                    Wisconsin Teaching License in Secondary Biology (1605)

### **RESEARCH EXPERIENCE**

Urban Ecology Center – Milwaukee, WI

#### **Wildlife Research and Citizen Science**

Supervisor: Jennifer Callaghan

- Monarch density monitoring of larvae, instars, and adults
- Small mammal mark and recapture study
- Snake coverboard mark and recapture study
- Kestrel box monitoring
- Wildlife camera monitoring
- Acoustic bat surveys
- Frog and turtle species surveys
- Odonate species surveys
- Bird species surveys

Humboldt State University – Arcata, CA

**Microbiology**

Supervisor: Patricia Siering, PhD

- Growth of chlorine resistant bacteria from community hot tub water samples
- Single colony isolation
- Plate counts
- Gram staining and biochemical tests
- Agar preparation, plating, and growth on selective media

Humboldt State University – Arcata, CA

**Plant Physiology**

Supervisor: Casey Lu, PhD

- Nelson-Somogyi assay of reducing sugars in fermentation by yeasts in beer brewing process
- Atomic absorption spectroscopy
- Spectrophotometry
- Plant tissue culture
- Wisconsin Fast Plants
- Sterile hood use

Humboldt State University – Arcata, CA

**Ecology**

Supervisor: Erik Jules, PhD

- Pollination of fetid adder's tongue (*S. bigelovii*) by fungus gnats (Sciaridae and Mycetophilidae)
- Slope face direction and diameter at breast height (DBH) in coast redwood (*S. sempervirens*)
- Transect and quadrats sampling technique
- Mark and recapture technique
- Data analysis and publication
- Dichotomous key use

**VOLUNTEER EXPERIENCE**

2014 – 2015                    Urban Ecology Center – Milwaukee, WI

2014 – 2015                    Riverwest Food Pantry – Milwaukee, WI

**AWARDS**

2014, 2015                    AmeriCorps Year of Service Education Award  
2010                            Dean's List Humboldt State University  
2009                            Marymount Manhattan College Academic Excellence Scholarship  
2009                            Marymount Manhattan College Education Program Scholarship

**INTERESTS**

Cooking, hiking, backpacking, cycling, guitar, sustainable living, beekeeping, and gardening