

Whitney Emge

(253) 549-3679

emgew@uw.edu

<https://whitneyemge.github.io/portfolio/#>

EDUCATION

M.S., Geospatial Technologies

expected 2020

Certificate, Geographic Information Systems

June 2017

University of Washington, Tacoma

Capstone Project: *Identifying Camera Trap Locations to Monitor Grizzly Bear (Ursus arctos horribilis) Populations in the North Cascades Ecosystem*

M.S., Primate Behavior

June 2015

Central Washington University

Thesis Title: *Chimpanzee (Pan troglodytes) Responses to Positive Reinforcement Training Versus Unstructured Interactions*

B.A., Psychology

May 2011

University of Puget Sound

GIS WORK EXPERIENCE

GIS Analyst

Department of Archaeology and Historic Preservation, Olympia, WA 2019 - present

- Perform technical cartographic assignments for DAHP's GIS, services, publications, presentations, and research projects.
- Digitize locational information into ArcGIS SDE databases and capture related data into Microsoft Access databases for traditional cultural properties, National Register of Historic Place data, cemetery sites, and historic property features.
- Backup to the GIS Program Manager for archaeological and Forest Practice Application reviews.
- Inventory DAHP data stores and report that information quarterly to the GIS Program Manager.

Office Assistant

Department of Archaeology and Historic Preservation, Olympia, WA 2018 - 2019

- Assist the GIS Program Coordinator with entering archaeological reports into the database and digitizing surveyed areas in the online WISAARD application.
- Review Forest Practice Applications for conflicts with cultural resources and review archaeological site forms for quality and assign Smithsonian numbers to new sites.
- Discover and download spatial data and create an agency data dictionary in Microsoft Access.
- Process WISAARD applications, set up user access for professional archaeologists, tribal representatives, and students, and answer questions related to access.
- Direct phone calls from the public and coordinate staff travel and lodging.

Subcontracted GIS Intern

2017 - 2019

CORE GIS, Seattle, WA

- For the Sierra Club, providing GIS data development of land transactions for Northern Pacific Railroad land grants in Washington State using historic township documents, and creating presentation maps of key years to demonstrate changes in land ownership patterns.

Resource Lands GIS Intern

2017

Forterra, Seattle, WA

- Built current agriculture and forestry geodatabases for several key counties in Washington using recent tax parcel data, produced statistics concerning land use and ownership patterns, and published county-scale results on professionally designed, hard-copy maps. These maps are regularly used to support conservation initiatives across the state.

OTHER WORK EXPERIENCE**Assistant Store Manager**

2016 – 2018

All the Best Pet Care, Seattle, WA

- Provided daily direction to team members, trained new hires on store operations and pet nutrition, and conducted check-ins to ensure employee confidence in knowledge and abilities.
- Built rapport with customers by providing unique and personalized shopping experiences, assessing their needs and desires, and providing education about products so they felt empowered to make decisions that improve their pet's lives.
- Assisted in the set-up of a new store in Burien, anticipating store design and operation needs, and requesting appropriate materials.

Temporary Staff Caregiver

2016 – 2016

Chimpanzee Sanctuary Northwest, Cle Elum, WA

- Trained new volunteers on chimpanzee husbandry and identification and wrote blog entries with educational content about chimpanzees in captivity and in the wild.
- Cared for seven adult chimpanzees by serving meals, engaging in protected interactions, and performing daily husbandry tasks.

Graduate Assistant

2014 – 2015

Central Washington University, Ellensburg, WA

- Graded and provided constructive feedback on writing assignments for Anthropology students and held office hours to provide additional tutoring and support.
- Collaborated with both graduate cohorts to design an Anthropology open house, including speakers, activities, and schedules.

Behavioral Interventionist

2012 – 2013

ACES, Tacoma, WA

- Implemented programs for children and adolescents with autism spectrum disorder and other developmental disorders using Applied Behavior Analysis techniques.

PRESENTATIONS

Emge, W. (2017). *Pierce County Working Forest Lands, 2016*. Poster session presented at the 2018 annual WAURISA meeting, Olympia, WA.

Emge, W. (2017). *Identifying Camera Trap Locations to Monitor Grizzly Bear (Ursus arctos horribilis) Populations in the North Cascades Ecosystem*. Poster session presented at the 2017 Washington State Joint Agency GIS Day, Olympia, WA.

Emge, W. (2017). *Identifying Camera Trap Locations to Monitor Grizzly Bear (Ursus arctos horribilis) Populations in the North Cascades Ecosystem*. Paper presented at the 2017 annual WAURISA meeting, Tacoma, WA.

VOLUNTEER EXPERIENCE**Chimpanzee Caregiver**

2013 – 2017

Chimpanzee Sanctuary Northwest, Cle Elum, WA