

DANA (DJ) NEEDELMAN

858.527.5729

dana.needelman@gmail.com

FOOD SYSTEMS EXPERIENCE:

Commissioner | Cooperative Gardens Commission | 04.2020 – present

- Key member of grassroots organizing in Seed Distribution and Food Sovereignty work to donate seeds to 300 seed hubs in response to COVID-19
- Works as a collective as a part of the Anti-Oppression and Allyship, Fundraising, Facilitation, Outreach and Seed Distribution working groups

Orchard and Farm Co-Manager | Crowded Table Farm | 06.2021 - 11.2021

- Worked independently and on a team to coordinate planning and operations for 250 tree mixed fruit and nut orchard
- Distributed 1400 lbs / \$6,500 worth of fresh produce for donation for people suffering from food insecurity

Giving Grove Program Manager | Memphis Tilth | 02.2021 - 05.2021

- Managed non-profit program designing food forests and planting fruit orchards in urban neighborhoods and an urban market garden
- Planted seven orchards and coordinated communication with Site Stewards, project planning, permits, invoicing, environmental considerations and associated grant reporting

Permaculture Design Apprentice | Hava and Adam Eco-Educational Farm | 09.2019 - 03.2020

- Studied and received Permaculture Design Certificate, courses in Herbal Medicine and specialization in sustainable systems
- Eco-living experience included working with maintenance of closed systems, rain catchment and storage systems, polyculture agriculture planting and harvesting, sustainable construction, wood restoration, compost toilets and grey-water systems

Assistant Farm Educator | Coastal Roots Farm | 06.2019 – 08.2019

- Designed and facilitated experiential education lessons for children aged five to thirteen
- Lesson plans included environmental sustainability, plant identification and organic farming. Topics include plant life cycles, soil health, vermicomposting, medium scale composting systems, pollination, agroforestry, closed system farming, organic outdoor cooking, and Jewish agricultural holidays

ENVIRONMENTAL EXPERIENCE:

Ecological Monitoring Technician | Montana Natural Heritage Program | 05.2020 - 09.2020

- Utilized ecological knowledge, plant identification and soil analysis skills to collect ecological data from 100 sites
- Followed high quality data standards for Assessment, Inventory and Management (AIM) data collection for the Bureau of Land Management in Wyoming and Montana
- Navigation skills to find each sample plot, both using GPS on off-roads and elevation maps to locate points on foot

Beaver Technician and GIS Analyst | Beavers Northwest | 01.2018 - 08.2019

- Worked with landowners and government officials on conflict management, site assessment, vegetation analysis and management, water management, installation and maintenance of non-lethal beaver management devices
- GIS Analyst skills: Managed large spatial data sets, direct acquisition and perform quality control of field data, performed analysis of suitable beaver habitats. Received Outstanding Service Award

Conservation Northwest | Citizen Wildlife Monitoring Citizen Scientist Volunteer | 06.2017 - 9.2018

- Monitored and documented endangered wildlife using remote cameras, scent lures and run poles
- Responsibilities included hiking 15+ miles on unmaintained trail to retrieve cameras, used scat and wildlife track knowledge to place cameras, and maintained detailed notes

In My Backyard Outreach Intern | National Park Service | 05.2016 – 03.2017

- Developed federally funded programming to engage diverse local youth with the urban Klondike Goldrush National Historical Site through collaboration with Seattle based environmental organizations

- Designed, created and implemented system used during meetings with environmental non-profits to assess partnership potential and financial capabilities while working within government guidelines

Environmental Policy Intern | Pacific Northwest Economic Region | 02.2016 – 09.2016

- Prepared, organized and facilitated Invasive Species, Water and Forestry policy at an annual International Policy Summit
- Worked with senators, legislatures, non-governmental organizations and business/institutional leaders across five U.S. states and five Canadian Provinces

EDUCATION:

B.S. Human Evolutionary Biology, American Sign Language Minor | 2013 – 2017

University of Washington | GPA 3.86

Honors include Honors Anthropology program, Magna Cum Laude, Phi Beta Kappa, High Scholarship Academic Award and UW Dean's list every quarter

AWARDS & PUBLICATIONS:

Needelman, D. J. 2015. How Comedy Creates Chemistry: Why We Are Attracted To Humor. *Heterotopia Journal*: V1.I1

Wienker Award for Best Honors Thesis | University of Washington Honors Anthropology Program | 2016-2019

“When Monkeys Push Your Buttons: Using GIS Analysis to Map Human Macaque Conflict in Singapore”

Design anthropological, GIS and statistic methods for research to analyze human-macaque conflict in Singapore

Outstanding Service Award | Beavers Northwest | 2018 - 2019

Permaculture Design Certificate | Hava and Adam Eco-Educational Farm | 2019 - 2020

SKILLS:

- Advanced GIS analysis
- Data and statistical analysis
- Proficiency in Google Suite, Microsoft Suite, WordPress and Illustrator
- Curriculum development and teaching of environmental topics for adults and children aged 4-15
- Writing and publishing scientific information for peer-reviewed journals and research symposiums
- Assessment of plant and tree health for watershed restoration
- Grant writing and grant reporting
- Physically capable of hiking 20+ miles per day in any condition and lift over 50 pounds
- Fluent in American Sign Language