

# KRISTINA VOGT RANDRUP

[kristina.randrup@gmail.com](mailto:kristina.randrup@gmail.com) | 510-725-0912

---

## EXPERIENCE

---

### **The Nature Conservancy**

GIS Intern | April 2019 – December 2019

- GIS analysis and modeling of Puget Sound shoreline resiliency in the face of climate change
  - Created rasters and shapefiles from existing .png versions of the data – layers modeled different water flow scenarios in the Skagit Valley to quantify the impact of removing or changing levee placement; combining existing data sets into new rasters for specific uses
- Modeled Natural Climate Solutions for Washington at the state and county level
  - Use GIS to gather spatial data and baseline levels at the state and county levels
  - Use R and different NCS implementation scenarios to quantify the effect of 12 different NCS pathways on carbon sequestration and emission reduction, with specific focus on forest carbon sequestration
  - Manipulate existing R scripts to suit a new area of study (Washington analysis based on existing pathways and implementation)
- Time-lapse camera processing through R to study the rate of snow melt in the Cascades

### **Whole Foods Market, Roosevelt Square**

Store Support Supervisor | April 2020 – present

- Responsible for the success of a team of up to 30 employees at a time. Facilitates the throughput of the front-end of the second largest store in the region, including shifting labor to meet the needs of peak hours. Answer department telephone calls and pages quickly and with excellent phone etiquette. Establishes performance goals and builds relationships with other team members to ensure the success of both the team and the entire store. Daily coaching and mentoring of a diverse team. Appointed as the supervisor in charge of running holiday table and training new holiday table team members.
- Responsible for effective and thorough register training for new team members. Provide meaningful feedback on my peers for annual job reviews.

Store Support Team Member | September 2019 – March 2020

- Provide excellent customer service and address the needs of the customers in a timely and effective manner. Surprise and delight the customers with excellent customer service. Assist supervisors in controlling customer flow and backed up lines to help reduce wait time for customers. Maintain a safe, clean, and well-organized working and shopping environment.
- Holiday table team member, a small group handling the Thanksgiving and Christmas meal orders for customers. Help place, organize, and distribute the orders during pick up. Knowledgeable about

holiday specific menu, including storage and preparation, in addition to a high level of knowledge about the standard store procedures and offerings. Respond to department specific phone calls efficiently and effectively.

## **COASST (Coastal Observation and Seabird Survey Team)**

Intern | March 2019 – present

- Large scale data base entry
- Report preparation for partner organizations and scientists, preparations of material for citizen science marine debris and dead seabird data collection trainings
- Public outreach and education about COASST, data analysis, and results of the ongoing research

## **Trees For Seattle**

Crew Member | Fall 2018, Fall 2019

- Lead workshops on proper planting and care of trees, distribute trees to the correct recipients, ensure a positive experience in order to instill excitement about tree care to the recipients
- Seasonal position with 3-4 distribution days in the fall
- Help team leader with logistical planning of schedule and crew member roles for the day

## **Washington Predator Prey Project**

Volunteer | September 2018 – June 2019

- Extensive camera trap image processing in Timelapse of a predator-prey study in Eastern Washington
- Ensure accurate species identification, large data file management, .csv file manipulation
- Worked closely with one of the graduate students on her research in addition to using black bear specific detections to create occupancy models for my senior thesis

## **Woodland Park Zoo**

Volunteer | March 2018 – June 2018

- Zoomazium Volunteer, interacting with young to teach them about various wildlife species; help young children build tactile learning skills through various games and activities
- Assist Zoomazium staff opening for the day when working in the morning or closing for the day when working the later shift

## **Camp Butano Creek**

Resident Camp Counselor | Summer 2015, 2016, 2017, 2018, 2019

- Lead a camp unit in various activities, follow camp schedule, ensure a successful and fun summer for campers; serve as role model to a range of young girls (age variable from entering 1<sup>st</sup> grade to entering 10<sup>th</sup> grade); cater activities and communication to the age and personality of children in the unit

---

## **PUBLISHED WORK**

---

Robertson, J C, Randrup, K V, Howe, E R, Case, M J, Levin, P S. 2021. Leveraging the potential of nature to meet net zero greenhouse gas emissions in Washington State. PeerJ Journals. (*in review*)

---

## **EDUCATION**

---

University of Washington, Seattle, WA — September 2016 – June 2019

BS, Environmental Science and Resource Management

Minors: Math, Quantitative Science

GPA: 3.86, Departmental Honors, Magna Cum Laude

Dean's List quarterly recipient (9x), Annual Dean's List 2016-2017, 2017-2018, 2018-2019

University of Wisconsin, Madison, WI – Fall 2020 – Spring 2022 (expected)

MS, GIS and Web Map Programming

GPS: 4.0

---

## **AWARDS AND ACKNOWLEDGEMENTS**

---

- National Latin Award Scholar: Maxima Cum Laude (2015), Summa Cum Laude (2016)
  - AP Scholar: AP Biology, AP Calculus BC, AP French, AP Latin
  - Girl Scout Silver Award (2012), Girl Scout Gold Award (2016)
  - PA USATF Ultra Grand Prix Winner (2018, 2019)
- 

## **SKILLS**

---

- ArcGIS, GIS online
- R – modeling, coding, graphics, statistical analysis
- Python
- PostgreSQL
- Microsoft Office
- Fragstats
- HexSim
- Marxan

- website building and design (<http://kristinarandrup.wixsite.com/tilden-farm-photos>)
- CPR and First Aid certified