

# Ashley Lowe Mackenzie

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## EDUCATION

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<b>Oregon State University</b> <i>Ph.D Candidate, Applied Economics</i> <ul style="list-style-type: none"><li>• Thesis: Understanding the New Outdoor recreation Paradigm in the era of social media and COVID-19</li><li>• Coursework: Microeconomics, Econometrics, Environmental and Natural Resource Economics, Behavioral Economics, Recreational Ecology, GIS</li></ul>	Corvallis, OR 2017-Present
<b>Oregon State University</b> <i>Masters of Science Applied Economics</i> <ul style="list-style-type: none"><li>• Thesis: The Instagram Effect : Is social media changing our demand for public land?</li></ul>	Corvallis, OR 2020
<b>Portland State University</b> <i>Bachelor of Science in Economics</i> <ul style="list-style-type: none"><li>• Coursework: Microeconomics, Macroeconomics, Econometrics, Game Theory, History of Economic Thought, Institutional economics, Comparative economics, Statistics</li></ul>	Portland, OR 2008-2011
<b>Portland Community College</b> <i>Associates of Art focus in Economics</i>	Portland, OR 2004-2007

## TEACHING AND RESEARCH EXPERIENCE

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<b>Instructor on Record</b> <i>Oregon State University</i> <ul style="list-style-type: none"><li>• AEC 253 Environmental Law, Policy and Economics</li></ul>	Sept 2020
<b>Graduate Teaching Assistant</b> <i>Oregon State University</i> <ul style="list-style-type: none"><li>• AEC 525 Applied Econometrics</li><li>• AEC 447 Agriculture Price and Market Analysis</li><li>• AEC/ECON 432 Environmental Law</li><li>• AEC 388 Agricultural Law</li><li>• AEC/ECON 352 Environmental Economics and Policy</li><li>• SUS 350 Sustainability Communities</li><li>• SUS 304 Sustainability Assessment</li><li>• AEC 253 Environmental Law, Policy and Economics</li><li>• AEC 122 Climate Change Economics</li></ul>	January 2018 – Present
<b>Graduate Research Assistant</b> <i>Oregon Department of Transportation</i> <ul style="list-style-type: none"><li>• Project looked at potential impacts from highway infrastructure failures stemming from coastal erosion and policy conflicts. My responsibility included developing of a cost benefit framework which included both market and non-market valuation methods to better understand potential adaptation strategies. Methods employed included travel cost, emission through the social cost of carbon and permanent changes to ecosystem services to further understand potential cost and benefits.</li></ul>	2021-2022
<b>Undergraduate Grader</b> <i>Portland State University</i> <ul style="list-style-type: none"><li>• STAT 105 Criminology Statistics</li></ul>	2009-2010

## SCHOLARSHIP & FUNDING

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Eric Englund Fellowship	2022-2023
D. Barton DeLoach Graduate Scholarship in Economics	2020-21
Lincoln County Foundation Hall Family Trust Scholarship	2017, 2019
Lincoln County Foundation Mark Dimock Scholarship	2017
OSU Emery Castle Scholarship in Economics	2017
Newport, OR VIDA Education Savings Program	2009-10
Newport High School Doerfler Newport High School Scholarship	2009

## TECHNICAL SKILLS

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**Programming & Markup Languages:** Python, JavaScript, CSS, R, Matlab, HTML, markdown

**Open Source:** Atom, QGIS, Rstudio, Latex

**Software Packages:** Stata, ArcGis, Final Cut, Matlab

**Developer Tools:** Git, Github

**Libraries :**

- File Directories : macOS, Microsoft Windows, Ubuntu/Unix
- JavaScript: D3.js, C3.js, bootstrap, Leaflet, JQuery, dc.js
- R : tidyverse, dplyr, tidyr, stringr, lubridate, ggplot2
- Python : pandas, pip, NumPy, Matplotlib

## PERSONAL ACHIEVEMENTS

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<b>Thru-Hike Pacific Northwest Trail</b> <i>Montana, Idaho &amp; Washington - 1,200 miles</i>	Jun-Aug. 2022
<b>Thru-Hike Continental Divide Trail</b> <i>Montana, Wyoming, Colorado &amp; New Mexico - 3,000 miles</i>	Jun-Nov. 2014
<b>Thru-Hike Pacific Crest Trail</b> <i>California, Oregon &amp; Washington - 2,660miles</i>	Apr.-Oct 2011
<b>Video Production</b> <i>Production Betty Ann Coates</i>	2016

## NON-ACADEMIC EXPERIENCE

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<b>Outdoor Recreation Economic Initiative</b> <i>Oregon State University</i> <ul style="list-style-type: none"><li>• Data Analyst Consultant, Dashboard and Database Designer</li><li>• Qualtrics Survey &amp; webmapping, C3,D3, Leaflet</li><li>• Websites : <a href="#">Covid Impact on Outdoor Economy</a></li><li>• Websites : <a href="#">Outdoor Recreation and the Land and Water Conservation Fund</a></li></ul>	2020-2021
<b>Oregon Parks and Recreational Department</b> <i>Salem and Oregon Coast</i> <ul style="list-style-type: none"><li>• Contractor - Data Analyst</li><li>• Park Ranger Assistant</li></ul>	Summer 2013, 2014 & 2019
<b>T Lazy 7 Ranch</b> <i>Snowmobile Company Tour Guide Aspen, CO</i> <ul style="list-style-type: none"><li>• Provided information on cultural, historical and contemporary heritage about Maroon Bells-Snowmass Wilderness to people on organized tours and individual clients.</li></ul>	Winter 2013
<b>Denali ATV Adventure</b> <i>ATV Tours Healy, AK</i>	Summer 2012

- Provided information on cultural, historical and contemporary heritage about Denali National Park to people on organized tours and individual clients.

### **Valhalla Lodge**

Summer 2009

*Nondalton, AK*

- Remote y-in lodge providing costumer service and information on Lake Clark National Preserve.

### **Yukon River Camp**

Summer 2008

*Dalton Hwy, AK*

- Mile 56 Dalton Hwy near the arctic circle. Provided information on cultural, historical and contemporary heritage to visitors about the Gates of the Arctic Wilderness.