**Natalie Martin**

70984 Old Experiment Rd. Burns OR, 97720

(406)-366-1396

njeanm97@gmail.com

**Education:**

Bachelor of Science in Agricultural Economics-(Business Emphasis) December 2019

Bachelor of Science in Rangeland Ecology & Management

Undergraduate Certificate: Restoration Ecology

University of Idaho (UI), Moscow, ID

GPA: 3.88

Xi Sigma Pi Honors Society Inducted Spring 2018

University of Idaho Dean’s List Spring: ‘17 Fall: ’16, ‘18

Relevant Coursework: Econometrics, Financial Analysis of Agricultural Firms, Wildland Restoration Ecology, Botany, Marketing, Integrated Marketing Communications, Introduction to Sales, Introduction to Spatial Analysis for Natural Resources, Society and Natural Resources, Natural Resource Economics, Agricultural and Rural Policy, Wildland Habitat Ecology and Assessment, Natural Resource and Ecosystem Services Economics

**Other Qualifications:**

OSHA (30 hour) Certification 28-Dec-2020

Basic (Level 1) Contracting Officer Representative 21-July-2020

National CPR Foundation Basic Life Support Certified 24-June-2020

Firefighter Type 2 Qualifications 11-June-2020- Present

National Environmental Policy Act (NEPA) Training- Society for Range Management 10-Feb-2019

Green Dot Training- University of Idaho 24-Feb-2018

Idaho Off-Highway Vehicle Education Certificate 28-May-2016

**Career Related Work Experience:**

Rangeland Management Specialist- DOI- BLM, Three River F.O. August 2020-Present

Burns, OR

* Conduct rangeland health monitoring including utilization, trend, and Indicators of Rangeland Health
* Work with BLM permit-holding livestock producers to implement sound grazing systems on federal lands
* Create and prepare maps utilizing ArcGIS software
* Access remote BLM administered lands utilizing UTV, 4x4 pickup, and horseback
* Collaborate with natural resource specialists to develop and implement vegetation fuels treatment projects for wildfire mitigation
* Document and apply for pesticide control application through APHIS functioning as the Burns District Grasshopper Suppression Lead
* Complete periodic barbed wire fencing maintenance on remote, BLM administered rangeland
* Perform riparian area health monitoring using Lentic and Lotic, Proper Function and Condition protocol
* Analyze land health and prepare evaluation assessments for identifying management changes
* Prepare NEPA documents for planning and implementation of rangeland improvement projects
* Engage in multi-stakeholder working groups to improve rangeland management planning, documentation, and information sharing

Rangeland Management Specialist- DOI-BLM, Andrews/Steens F.O. January 2020-August 2020

Burns, OR

* Conduct rangeland health monitoring including utilization, trend, and Indicators of Rangeland Health
* Prepare grazing allotment evaluations to identify needed management changes
* Assess rangeland improvement project condition on federally managed lands and implement maintenance for proper function
* Create and prepare maps utilizing ArcGIS software
* Access remote BLM administered lands utilizing UTV, 4x4 pickup, and horseback
* Document and apply for pesticide control application through APHIS functioning as the Burns District Grasshopper Suppression Lead
* Work with private livestock producers to implement sound grazing systems on federal lands

Forest Hydrology /Transportation Surveyor (Crew Lead)- Northwest Management Inc June 2019-August 2019

Priest Lake, ID

* Evaluated performance and condition of water passage constructions on remote Forest Service roads
* Estimated feasibility of fish passage through road water control features
* Assessed road condition, grade, and orientation for travel maintenance planning and passage of log trucks
* Navigated remote forest roads using 4x4 pickup and ATV
* Camped in remote locations with limited cell reception and amenities

Remote Sensing/ Geospatial Technician- Northwest Management Inc. August 2018-October 2019

Moscow, ID

* Digitizing vegetation attributes for forested land mapping using GIS software
* Assist technical department in research and development of software for individual tree species identification using LiDAR data
* Provided input and content on contracted environmental planning/hazard mitigation documents through research and writing

Timber Cruiser- Northwest Management Inc. May 2018 - July 2018

Moscow, ID

* Inventoried merchantable timber by species, type, and quality on remote forestland
* Wrote detailed forest stand evaluations for a variety of stand types and conditions to guide timber harvesters
* Assessed forest health indicators including proportion of trees affected by disease, lumber defect, age class, and species distribution
* Navigated remote areas using standard maps and GPS units
* Navigated remote forest roads using 4x4 pickup and ATV
* Daily utilization of forestry tools such as Relaskop, diameter tape, compass, and handheld data collection Trimble for forest inventory information collection

Rangeland Department Director’s Assistant September 2017- March 2018

University of Idaho, College of Natural Resources

Forest, Rangeland, & Fire Sciences

* Edited, created, and reviewed rangeland educational content for 4-H and FFA rangeland competitions
* Assist in budgeting and monitoring expenses of the Rangeland Center
* Track traveling details and costs such as booking hotels, flights, and event registration

Rangeland Technician -DOI-BLM Four Rivers F.O. May 2017-August 2017

Boise, ID

* Experience in rangeland monitoring using protocols such as Greater Sage-Grouse Habitat Assessment Framework (HAF), Interpreting Indicators for Rangeland Health (IIRH), and Assessment, Inventory and Monitoring (AIM) strategy
* Completed production and utilization checks on grazing allotments within the Four Rivers district
* Trespass checks on public lands
* Proficient identification of Idaho flora working closely with district botanist
* Collaborated with permittees to develop fencing boundaries for a grazing allotment

Rangeland Technician- National Resource Inventory (NRI) NRCS May 2016-August 2016

Idaho

* Surveyed land for natural resources using Line-Point Intercept (Canfield, R.H. 1941)
* Collected soil health data
* Identified rangeland native grass, forb, and shrub species
* Quantified percent cover of native vs. exotic annual species
* Collaboration with public, private, and extension agencies
* Confirming accuracy and accounting for plot photographs from field season for Idaho NRI Grazing Survey

Rangeland Center Student Intern-University of Idaho March 2016- March 2018

Moscow ID

* Marketing and sales manager of University of Idaho Rangeland Center field guide publication
* Communications and outreach lead intern for the Rangeland Center
* Managed the Rangeland Center Handshake account for advertising private and federal rangeland career opportunities
* Assist in event planning of range-related events sponsored by the Rangeland Center including the Idaho Range Livestock Symposium and Western National Rangeland FFA Career Development Event

**Clubs/ Involvement:**

* Harney County Cattlewomen January 2020-Present
* Harney County Wildfire Collaborative September 2020- Present
* Land Health Community of Practice August 2020-Present
* Society for Range Management Annual Meeting February 2019
* Idaho Range Livestock Symposium, Marsing ID January ‘19, ‘18, ‘17
* 64th Idaho Legislative Session Public Policy Tour: Food Producers of Idaho February 2018
* University of Idaho Food and Agribusiness Club 2017-2018
* Forest/ Rangeland and Fire Science Department Head Hiring Committee March 2017
* Society for Range Management Member 2016-Present
* Gamma Phi Beta Xi Chapter, University of Idaho 2015-2019
* Range Club, University of Idaho 2015-2019
* Polo Club, University of Idaho 2015-2016

**Leadership:**

* Harney County Cattlewomen Scholarship Chair January 2021- Present
* Risk Management Chairwoman, Gamma Phi Beta, University of Idaho January 2018- December 2018
* Range Club CNR/ CAL SAC Representative 2017-2018
* Range Club Treasurer 2017-2018
* College of Natural Resources Student Ambassador 2016-2017
* Range Club Historian 2016- 2017

**Volunteerism:**

* Harney County Cattlewomen’s Buckaroo Breakfast- Server Sept. 11, 2021

Burns OR (4 hrs.)

* + Assisted in serving, food prep, and clean-up of annual breakfast fundraiser
* Restoration Seed Dispersal Volunteer- Latah Soil Water Conservation District (6 hrs.), Moscow ID
  + Broadcast seeded 20 acres of Palouse prairie in the process of restoration with native forb seed mix
* 2017 Idaho 4H Range Skill-a-thon Volunteer (36 hrs.), Challis ID
  + Assisted in setup and coordination of participants, taught students the basic concepts of soils classification and identification of rangeland plant species
* Palouse River Restoration Project (8 hrs.), 25-Mar-2017
  + Planted willows and cleared flood debris on private property. Funded by the NRCS with goal of reducing bank erosion and soil loss by stabilizing the bank with willows and hybrid poplars
* Orphan Acres (6 hrs.),Spring 2017
  + Cleaned stalls, brushed horses, organized equipment, exercised horses
* Range Club Highway Cleanup (2 hrs. per semester) 2015-2019
  + Troy highway cleanup once per semester
* Gamma Phi Beta Highway Cleanup (1 hr. per semester), 2015-2019
  + US-95 North once per semester
* Orphan Acres (3 hours), 27 July 2018
  + Cleaned stalls, brushed horses, organized equipment, exercised horses