

Sean C. McKenzie

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Education:

M.S. Student and Graduate Research Assistant in *Land Rehabilitation*
Montana State University: Bozeman, Montana (June 2012 – Present)

Graduate Student and Graduate Research Assistant in *Zoology* (GPA: 4.00/4.00)
University of Wisconsin: Madison, Wisconsin (August 2011 – May 2012)

Bachelor of Arts in *Biology* (GPA: 3.23/4.00)
Williams College: Williamstown, MA (2008)

Employment History:

Montana State University (Land Resources and Environmental Sciences), Bozeman, MT

Graduate Research Assistant – Targeted Sheep Grazing Project (June 2012 – Present)

- Planning and executing experiments
- Data management: carabid beetle activity-density, plant community structure and soil property data
- Plant and carabid beetle identification
- Performing statistical analysis

University of Wisconsin (Lindroth Lab), Madison, WI

Graduate Research Assistant – Aspen and Deer Browsing Project (August 2011 – May 2012)

- Performing chemical assays
- Planning and executing experiments
- Performing statistical analyses
- Surveying tree growth and damage
- Data management
- Experimental tree care

University of Oregon Institute of Ecology and Evolution, Eugene, OR

Research Assistant – Climate Change Effects on Prairies Project (April 2011 – July 2011)

- Data Management: normalized differential vegetation index, plant allometry, primary productivity and point-intercept
- Watering increased precipitation treatment experimental plots
- Site infrastructure maintenance
- Weighing dry plant materials
- Identifying native and non-native forbs and grasses
- Seed collection and counting of range-limited plants
- Processing soil core samples for below-ground net primary productivity estimates

The Nature Conservancy, Eugene, OR

Willamette Valley AmeriCorps Field Assistant (January 2009 – December 2010)

- Endangered species monitoring of Fender's blue butterfly, Bradshaw's lomatium and Willamette Valley daisy
- Forest canopy monitoring for Garry oak release
- Mapping and geoprocessing in ArcGIS suite
- Felling trees for Garry oak release
- Invasive species monitoring, mapping and removal
- Wild collection of native plant materials
- Horticultural grow-out and harvest of native plant materials
- Coordinating contract work crews
- Participating in prescribed fire
- Maintenance mowing with tractor
- Volunteer coordination including leading volunteer work parties
- Fence construction and removal
- Preserve infrastructure maintenance

Lane Community College “TRiO” Program, Eugene, OR

Tutor of Mathematics and Science (October 2008 – April 2011)

- Assisting students with homework
- Explaining concepts from math and science classes

Northwest Youth Corps, Eugene, OR

Assistant Crew Leader (Summer 2007)

- Supervising youth crew
- Invasive species removal
- Trail maintenance
- Coordinating work with client agency
- Rhododendron restoration
- Tree pruning
- Delivering environmental education lessons

San Geronimo Valley Veterinary Clinic, Lagunitas, CA

Veterinary Assistant/Intern (Summer 2005 and 2006)

- Assisting with patient exams
- Recording patient histories
- Assisting with surgery and treatment
- Radiography
- Dispensing prescriptions
- Performing laboratory tests

Greylock Animal Hospital, North Adams, MA

Veterinary Assistant/Intern (May 2005- May 2007)

- Assisting with patient exams
- Recording patient histories
- Assisting with treatment
- Performing laboratory tests
- Dispensing prescriptions

REI Store # 76, Corte Madera, CA

Sales Associate (April 2001- July 2004)

- Merchandising
- Providing product information
- Providing customer service
- Cashiering

Certifications and Skills:

- Wilderness First Responder
- American Red Cross CPR
- Oregon Epinephrine Administration
- Oregon Commercial Ornamental and Turf Herbicide Applicator
- FFT2 Wildland Firefighter
- Chainsaw operation
- Tractor operation
- Gas-powered auger operation
- Rotary trimmer operation
- ArcGIS 9 suite
- Microsoft office suite
- R statistical software
- GPS navigation and mapping

Personal Interests:

- Bicycle touring (Boston, MA to Seattle, WA 2008; Eugene OR to Portland OR 2009, 2010, 2011; Eugene, OR to Astoria, OR 2011; Minneapolis, MN to Madison, WI 2011; Glacier National Park, MT to Bozeman, MT 2012)
- Marathon running (Portland, OR 2009; Eugene, OR 2010; Eugene, OR 2011)
- Organic vegetable gardening in community gardens
- Hatha Yoga
- Slacklining