

Kelly M. Clayton

<http://claytonkelly.wordpress.com>

EMPLOYMENT OBJECTIVE

To support and gain experience in wetlands/riparian conservation, restoration, and management as an effort to enhance habitat for fish and wildlife while maintaining trust and serving the needs of people

EDUCATION

Oregon State University, Department of Environmental Sciences Corvallis, Oregon
Master's of Science in Environmental Sciences (Wetlands/Riparian Ecology) September 2006-June 2008
Professional Science Master's Program, GPA 3.5

Washington State University, Department of Natural Resource Sciences Pullman, Washington
Bachelor's of Science in Wildlife Ecology, GPA 3.0 August 2002-July 2006

International Education for Students Berlin, Germany
Summer abroad, GPA 3.5 May-July 2004

RELEVANT COURSE WORK

Graduate: Aquatic Botany, Wetlands/Riparian Ecology, Stream Ecology, Limnology, Ecological Restoration, Wetlands Restoration Seminar, Water Resources Seminar, Environmental Methods, Environmental Analysis, Statistical Analysis, GIS and Science, Soils, Foundations of Modern Biology. **Professional:** Marketing of Science, Project Management, Accounting/Finance, Communication of Science, Research Ethics. **Undergraduate:** Forest Land Plants and Ecosystems, Arid Land Plants and Ecosystems, Ornithology, Mammalogy, Wildlife Ecology, Wildlife Management, Population Ecology, Wildlife Nutrition, Conservation Biology, Environmental Law and Policy, chemistry, biology, and geology.

TEACHING EXPERIENCE

Graduate Teaching Assistant (9 months), Principles of Biology, Oregon State University Corvallis, Oregon
Topics: genetics, evolution, natural selection, ecology, animal behavior, anatomy, and physiology 15 hrs/week

INTERNSHIP EXPERIENCE

Pacific Northwest National Laboratory, Battelle (Hanford Site) Richland, Washington
Science Undergraduate Laboratory Internship, supervisor: Dr. Janelle L Downs, 509-376-6641 May-August 2005
40 hrs/week

- Researched nest site characteristics of *Buteo* hawks on the Hanford Site
- Surveyed and mapped hawk population
- Developed methodology, performed data analysis, and interpretation
- Assisted in burrowing owl site monitoring, small mammal and invertebrate trapping

WORK EXPERIENCE

Sweet Home Ranger District, Willamette National Forest, USDA Forest Service Sweet Home, Oregon
Biological Technician (Fisheries), Supervisor: Donna Short, 541-737-6576 February-May 2008
15 hrs/week
GS-5

- Environmental education and outreach coordinator
- Developed and delivered presentations in k-12 classrooms
- Developed and implemented a restoration project with a high school biology class

Hood River Ranger District, Mt Hood National Forest, USDA Forest Service Mt Hood/Parkdale, Oregon
Biological Technician (Fisheries), Supervisor: Gary Asbridge, 541-352-6002 ext. 625 June-September 2007
40 hrs/week
GS-4

- Field season crew leader
- Assisted in implementing a stream (large wood) restoration project
- Conducted stream channel, snorkel, mollusk, and photo-point surveys
- Wrote a summary completion report regarding restoration efforts

Yakama Nation Wildlife Department Toppenish, Washington
Biological Technician II (botany), Supervisor: Katrina Strathmann, 509-865-6262 ext. 6377 May-September 2006
40 hrs/week

- Conducted vegetation surveys to assess shrub-steppe habitats
- Identified unknown vegetation using dichotomous keys
- Helped set up permanent transects for riparian vegetation monitoring

Wild Ungulate Facility, Washington State University	Pullman, Washington
<i>Biological Technician (wildlife), supervisor: Dr. Lisa Shipley, 509-335-9182</i>	January-May 2006
<ul style="list-style-type: none"> • Aided in data collection to monitor levels of estrus in mule deer • Assisted medical injections and ultra-sound work • Maintained facilities and routinely fed mule deer 	15 hrs/week (volunteered 150 additional hrs)
Small Mammal Research Facility, Washington State University	Pullman, Washington
<i>Biological Technician (wildlife), Supervisor: Dr. Lisa Shipley, 509-335-9182</i>	January 2004-May 2006
<ul style="list-style-type: none"> • Assisted in captive breeding for endangered pygmy rabbits • Assisted in medical care • Maintained facilities and routinely fed pygmy rabbits 	15 hrs/week
Wildlife Habitat/Nutrition Laboratory, Washington State University	Pullman, Washington
<i>Biological Technician (wildlife), supervisor: Bruce Davitt, 509-335-2318</i>	August-December 2003
<ul style="list-style-type: none"> • Prepared forage samples for chemical analysis to assess food habits 	15 hrs/week

VOLUNTEER EXPERIENCE

Water Resources Graduate Program, Oregon State University	Corvallis, Oregon
Graduate Student Assistant Volunteer	June-August 2007
<ul style="list-style-type: none"> • Conducted total station surveys to map out a gravel bar on a large river • Assisted in well installation and data collection • Assisted in tracer tests to determine hydraulic conductivity and temperature 	50 hrs
Oregon Department of Fish and Wildlife	Portland, Oregon
Goose Check Station Volunteer	October 2006
<ul style="list-style-type: none"> • Participated in goose identification training at Watershed District Office • Assisted in recording hunter information at Sauvie Island 	20 hrs
United States Army Corps of Engineers	Orofino, Idaho
<i>Dworshak Reservoir Waterfowl Surveyor</i>	February 2006
<ul style="list-style-type: none"> • Identified waterfowl species along reservoir from a jet boat 	10 hrs
Washington Department of Fish and Wildlife	Naches, Washington
<i>Oak Creek Feeding Station Volunteer</i>	January 2006
<ul style="list-style-type: none"> • Assisted elk Supplemental feeding program to control animal damage • Learned essential pros and cons for supplemental feeding wildlife 	10 hrs
Grizzly Bear Research Facility, Washington State University	Pullman, Washington
<i>Care-taker and Maintenance Volunteer, Supervisor: Dr. Charlie Robbins, 509-335-1119</i>	January-May 2005
<ul style="list-style-type: none"> • Cared for captive grizzly bears and maintained facilities • Bottle fed grizzly young and assisted radio collar study 	4 hrs/week 150 hrs
Veterinary Teaching Hospital, Washington State University	Pullman, Washington
<i>Exotics Ward Volunteer, supervisor: Dr. Nickol Finch, 509-335-3514</i>	August 2004-May 2006
<ul style="list-style-type: none"> • Trained students to handle raptors (birds of prey) • Handled and cared for injured birds • Maintained facilities 	6 hrs/week 400+ hrs
Palouse Clearwater Environmental Institute	Moscow, Idaho
<i>Riparian Restoration Volunteer</i>	April 2005
<ul style="list-style-type: none"> • Participated in riparian restoration • Transplanted native camas species 	10 hrs

RELEVANT SKILLS

- Computer and Mapping**
- GIS training through coursework
 - Basic Remote Sensing Training

- Topographic Maps, GPS, and compass orienteering
- Excel, PowerPoint, and Word Processing Software
- Statistical Software (Minitab and S+)
- RiverMorph (restoration design software), Streamwood (wood dynamics model)

Fisheries, Botany and Wildlife

- Stream channel surveys (e.g., cross-sections, longitudinal profiles, discharge, pebble counts)
- Fish surveys (snorkeling, netting), aquatic mollusk surveys
- Vegetation surveys (e.g., quadrat, transect counts, point intercept)
- Wildlife surveys (e.g., radiotelemetry, point counts)
- Identification of Northwest arid land, wetland, and riparian plants
- Identification of Pacific Northwest birds and mammals
- Use of dichotomous keys to identify unknown vegetation & wildlife

Misc. Training/Skills

- First Aid/CPR Certification Training provided by the USDA Forest Service
- Strong communication skills, technical writing
- 4-wheel drive, off road driving, manual transmission, welding, some (jet) boating experience
- Enjoy traveling, hiking and camping

LEADERSHIP/INVOLVEMENT

Wildlife Society, Washington State University Student Chapter	Pullman, Washington
<i>Vice President, advisor: Dr. Lisa Shipley, 509-335-9182</i>	August 2005-May 2006
<ul style="list-style-type: none"> • Helped coordinate meetings, guest speakers, and club activities • Acted as a club representative for the College of Agriculture 	
Raptor (birds of prey) Club, Washington State University	Pullman, Washington
<i>Public Relations, advisor: Dr. Nickol Finch, 509-335-3514</i>	August 2005-May 2006
<ul style="list-style-type: none"> • Educated public about the conservation of raptors • Conducted presentations for K-12, college students, and elderly • Informed public about events by contacting newspaper editors 	
Member of Corvallis Audubon Society	October 2006-present
Member of National Wildlife Society, Washington and Northwest Section	August 2005-present
Cougar Marching Band, Washington State University	August 2002-May 2003
Intramural sports, Washington State University	August 2002-May 2006
<ul style="list-style-type: none"> • Soccer, softball, volleyball, and flag football 	
State “AA” Competitor, Track & Field, Javelin, Toppenish High School	April 2002

CONFERENCE/WORKSHOP ATTENDANCE

- Fourth Pacific Northwest Native Plant Conference**, November 27-29, 2007, Eugene, Oregon
- Cooperative Forest Ecosystem Research Workshop**, November 6-7, 2007, Corvallis, Oregon
- Annual State Wildlife Conference**, National Wildlife Society, Washington Chapter, 2006, Olympia, Washington