

Carlin Girard

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Objective: *Continue exploring the natural world for professional development and personal fulfillment*

Education: **Prescott College**, 220 Grove Ave. Prescott, AZ 86301, (877)-350-2100
- Alaska Pacific University, Anchorage, AK (One semester)
Competence, Environmental Studies
Breadth, Photography
- Liberal Arts Degree
- Estimated GPA= 3.5
GRE Scores: Verbal=500, Quantitative=570, Analytical Writing=3.0

Work Experience:

- 2011
May-Current **Bluehead Sucker Tech., Game and Fish Department, Jackson, WY**
- Radio tagged and tracked Bluehead Suckers.
 - Used raft and backpack e-fishing to locate existing Bluehead populations throughout the Snake River Drainage.
 - Collected, imbedded, sectioned, and analyzed fin rays to establish age and growth for Blueheads in the Snake River drainage.
 - Worked independently while e-fishing and rowing.
 - Installed a flow gauge and measured flow on an important spawning tributary.
 - Set temperature loggers on key Bluehead areas.
- 2011
Jan.-May **Mule Deer Research Tech., Teton Science School, Jackson, WY**
- Used GPS radio collars to monitor movement patterns during road crossings to inform Wyoming Department of Transportation.
 - Administered immobilization drugs by hand and with darts.
 - Set Clover traps to catch adult doe mule deer.
 - Procured landowner permission to work on private property.
- 2010
Sep.-Dec. **Aquatic Hab. Tech., Game and Fish Department, Jackson, WY**
- Helped plan and implement aquatic habitat projects.
 - Used survey equipment to map physical attributes of creeks.
 - Input and analyzed data with Rivermorph.
 - Studied and implemented Rosgen river classification.
 - Wrote draft grant proposals for upcoming habitat projects.
 - Currently working on the fabrication of two waterjet stingers.
 - Educated middle school children on wetland ecology in the field and using a stream trailer.
- 2009 and 2010
April-Sep. **Fisheries Tech., Game and Fish Department, Jackson, WY**
- Conducted population estimates using gill nets, backpack and raft electro-fishing gear, and a weir trap on a spawning creek.
 - Worked with regional managers to learn statewide goals and develop professional relationships with other biologists.
 - Gained experience rowing and netting on rafts on local rivers.

- Independently used and maintained inboard and outboard motorboats including setting nets and navigating at night.
- Assisted with radio tagging and tracking of trout and suckers.
- Backpacked and horse packed into remote areas to sample fish.
- Patched leaks and reconstructed wiring on electro-fishing rafts.

2009-2011

Jan.-Feb

Wildlife Tech., Game and Fish Department, Jackson, WY

- Vaccinated elk on the National Elk Refuge using bio-bullets.
- Used and maintained snow cats, snow mobiles, and air guns.
- Helped trap and dart elk for collaring and testing.
- Classified elk by age and sex on state elk feed grounds.

2008 and 2009

Sep.-Jan.

CWD Tech., Game and Fish Department, Jackson WY

- Collected CWD samples on elk and deer throughout the region.
- Became familiar with regional hunting areas and regulations.
- Assisted in necropsies on elk, deer, moose, and bighorn sheep.

2007-2008

Oct.-Feb.

Experimental Biology Aide (EBA), Department of Fish and Wildlife, Jewel, OR

- Conducted coho salmon and steelhead spawning surveys by foot in Northwest, OR.
- Collected scale samples from carcasses.
- Used CB radios to call mile markers and be directed through active logging.
- Accessed active and closed logging areas through locked gates.

2007

May-Sep.

EBA, Department of Fish and Wildlife, Summer Lake, OR

- Electro-fished for red-band trout to assess potential listing in South-central, OR.
- Set block nets and calibrated sampling using mark recapture.
- Worked in a very remote setting with little supervision.
- Anesthetized fish and used aerators.

2006

May-Aug.

EBA, ShrubMap Project, Utah State University, UT

- Conducted nests searches for sage brush birds and evaluated nest success and cause of failure.
- Walked transects listening and then mapping locations of birds.
- Set pitfall, Sherman, and Tomahawk traps for small mammals.
- Collected detailed vegetation data in the shrub steppe.

2003

Surveyor's Assistant, Sackett Survey Services, MA

- Learned to enjoy working outside in the field.
- Surveyed in urban and rural settings, and computer use.

Volunteer Work:

2008- 2010

Wyoming Wetlands, Jackson, WY

- Bleeding and banding Trumpeter Swans for relocation.
- Caring for incubating Trumpeter Swan Eggs.

2008 and 2009

Nov-Feb

National Elk Refuge, Jackson WY

- Observed and documented all waterfowl on the Refuge

2008-Jan

Jewell Meadows Wildlife Area, OR

- Trapping, inoculating, taking blood samples on Roosevelt Elk.

- 2007-Aug **Summer Lake Wildlife Area, OR**
- Night spotlight trapping and banding of dipping ducks.
- Rocket netting, banding, radio collaring White-fronted Geese.
- 2005-Jan **Prescott National Forest, AZ**
- Fuel load assessment of Pinon-Juniper woodlands.
- 2004-Mar/Apr **Prescott National Forest, AZ**
- Observation and documentation of falcon nests.

- Certifications
- Department of the Interior Electro-fishing Training
 - Red Cross CPR, First Aid, and AED certified.

Skills: Snow machine, snow cat, four-wheeler, and skid steer operation and maintenance; carpentry, welding, soldering skills; proficient at backpacking and horse packing; experienced with chainsaw and power saw operations; GPS, orienteering, and map skills; proficient with firearms and dart guns; regularly use MS Word, Excel, and Access.

Publications:

Girard, C.E. 2011. When the Skiing Gets Tough, the Tough Go Fishing. WGFD, Jackson Region Newsletter Vol.8.

Girard, C.E. 2011. Flat Creek on the National Elk Refuge. WGFD, Jackson Region Newsletter Vol.8.