

Robin Bonner

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EDUCATION

2011 to 2016	Bachelor of Science, Biology, Colorado Mesa University, Grand Junction, Colorado <i>Graduated: December 2016</i> <i>GPA 3.32</i>
Relevant Coursework	Senior Thesis: Thesis title <i>The Long-Term Effects of Ionizing Radiation on Mammals and Birds in Chernobyl, Ukraine</i> Structured Research with Dr. Johanna Varner Greenhouse Internship with Dr. Margot Beckettell Mammalogy/Lab with Dr. Johanna Varner Wildlife Management/Lab Fundamentals of Ecology and Evolution/Lab Evolution Plant Physiology with Dr. Margot Beckettell Marine Biology Entomology/Lab Principles of Genetics/Lab

MILITARY EXPERIENCE

October 19, 2005 To November 1, 2006	AOAN E3 , United States Navy, Honorably Discharged DD-214 available
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RESEARCH EXPERIENCE

May-Dec 2016	Undergraduate Research Assistant, Colorado Mesa University Department of Biology, Supervising Faculty: Dr. Johanna Varner <ul style="list-style-type: none">Conducted occupancy surveys and identified suitable pika habitat in western Colorado and Craters of the Moon, Idaho.
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	<ul style="list-style-type: none">● Trapped and handled animals under anesthesia. Collected tissue and scat samples.● Deployed temperature sensors to measure pika- relevant micro- climates.● Measured stress hormone concentrations in pikas with an immunoassay for fecal glucocorticoid metabolites.● Observed animal behavior across multiple habitat types (e.g. alpine talus and low elevation lava beds).
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WORK EXPERIENCE

October 7, 2017 to Present	<p>Fish Culturist 1, New Mexico Department of Game and Fish, Red River State Fish Hatchery, Questa New Mexico. Supervisor: Paul Erker (575) 263-5981 paul.erker@state.nm.us</p> <ul style="list-style-type: none">● To provide fishing opportunities for anglers of New Mexico.● Produce and stock fish in waters of New Mexico.● Maintain grounds, infrastructures, and equipment at Red River State Fish Hatchery.● Feed fish through hand feeding and filling demand feeders.● Carrying bags of feed that weigh 50 pounds on a daily basis.● Maintain fish raceways by picking mortality, brushing aeration screens and tail screens, and sweeping raceways daily.● Monitor fish health daily and report any problems to hatchery management.● Maintain hatchery equipment and grounds.● Maintain stocking trucks and completing weekly vehicle maintenance reports when needed.● Record fish movements and stockings.● Handle fish with limited stress.● Treat diseased fish with Hydrogen Peroxide and Chloramine-T.● Receive and set fish eggs monthly.● Keep all fish handling equipment sterilized by dipping in sterilizing solution.● Keeping sterilizing solution fresh by changing when needed.● Pressure wash and treat empty raceways with Hydrogen peroxide.● Participate in duty rotation to include: working 10 days, being on standby for 24 hours 7 days a week, opening and closing visitors center, weekly cleaning of hatchery building and visitors center and hand feeding small fish.● Treat members of the public with respect and professionalism.● Wear New Mexico Game and Fish uniform daily in a clean cut and professional manner to reflect the Department always in a positive and professional manner to the public.● Received defensive drivers training.● Have obtained a class B commercial driver's license.● Completed a 72 hour Cold Water Fish Culture Course.
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<p>February 7,2017 to October 1, 2017</p>	<p>Weatherization Crew Member, Utah Community Action, Salt Lake, UT Supervisor Jason Gapinski, (801) 833-3796 jason.gapinski@utahca.org</p> <ul style="list-style-type: none">● Installed insulation and air barrier material in qualified homes to complete thermal boundary and help homes be more energy efficient.● Educated clients on energy conservation methods and how to lower energy bills.● Required extensive knowledge of all types of home construction to include platform and balloon framing.● Installed ERV and ashrae fans for mechanical ventilation to include the wiring of these fans. <p><i>Certificates:</i> Rocky Mountain Gas Card, lead safe renovation card, forklift certified, OSHA 10 certified.</p>
<p>June 1, 2015 To August 13, 2015</p>	<p>Seasonal Forestry aid (Timber), US Forest Service, Grand Junction, Colorado office (GMUG District). Supervisor Eric Thompson (970) 263-5832</p> <ul style="list-style-type: none">● Marked boundaries for timber sales.● Identified tree species, living and dead, and wildlife for data collection.● surveyed spruce beetle damage and new growth surveys● Aged trees with increment borer.● Carried approximately 45 lb. packs trough rough terrain.● Worked in inclement weather conditions.● Navigated with GPS or topo maps and compasses.● Radioed Townships and Range locations twice daily to dispatch. <p><i>Skills and competencies gained:</i></p> <ul style="list-style-type: none">● Certificates: FS timber paint, ATV, 4-wheel drive, CPR/AED/first aid● Skills: Radio communication, GPS/ topo/compass navigation, increment borer, beetle surveys, timber sales.
<p>March 2011 To August 2011</p>	<p>Seasonal worker, City of Fruita, Colorado Parks and Recreation. Supervisor Art Shires (970) 462-5406, ashires@fruita.org</p> <ul style="list-style-type: none">● Planted and maintained plants.● Maintained sprinkler systems.● Sprayed invasive weeds.● Maintained city parks and landscape. <p><i>Skills and competencies gained:</i></p> <ul style="list-style-type: none">● Proper care of a variety of plants.● Basic sprinkler systems.● Basic city landscape.

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November 2008 to March 2011	<p>Weatherization crew leader, Housing Resources of Western Colorado Mike Hanson (970) 424-6935 goingup@wic.net</p> <ul style="list-style-type: none">● Installed insulation and air barriers forced air furnaces, boilers, and water heaters to: control water damage and make older homes more energy efficient● Maintained individual files.● Educated public on more energy efficient methods.● Promoted to crew leader in October 2009. Supervised and trained crews on tasks performed each day. <p><i>Skills and competencies gained:</i></p> <ul style="list-style-type: none">● Certified for home weatherization through the Colorado governors' energy office.● Learned extensive knowledge of different home construction types and different plumbing and water delivery systems.
June 2008 to November 2008	<p>Crew member on energy crew, Western Colorado Conservation Corps, Grand Junction, Colorado Supervisor Sarah Reed (970) 172-7177</p> <ul style="list-style-type: none">● Provided homeowners with energy efficient fixtures.● Provided education and information on ways to be more energy efficient.
March 2008 to June 2008	<p>Fertilizer, WD Yards, Grand Junction, Colorado. Supervisor David Christensen (970) 243-1229.</p> <ul style="list-style-type: none">● Applied fertilizer to lawns and sprayed weeds.● Maintained sprinkler systems. <p><i>Skills and competencies gained:</i></p> <ul style="list-style-type: none">● Irrigation system maintenance.
December 2007 to March 2008	<p>Shelf stocker, Coca-Cola, Grand Junction, Colorado (970) 242-1132</p> <ul style="list-style-type: none">● Stocked shelves with Coca-Cola products to all grocery stores within Grand Junction.
May 2007 to December 2007	<p>Shelf stocker, Walmart, Grand Junction, Colorado</p> <ul style="list-style-type: none">● Stocked shelves with groceries, installed sale displays, and provided customer service.
November 2006 to January 2007	<p>Cashier, Walmart, Grand Junction Colorado</p> <ul style="list-style-type: none">● Customer service, exchanged money and ran cards.

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<p>October 2005 to November 2006</p>	<p>Enlisted, United States Navy</p> <ul style="list-style-type: none">● Enlisted US Navy sailor until honorably discharged in November 2006. (DD 214 Form included).● Stood security watch on military bases, and aboard a military ship.● Handled weapons and ammunition. Was color guard at Pensacola, Florida naval base.
<p>March 2003 to October 2005</p>	<p>Crew Leader, Western Colorado Conservation Corps, Grand Junction, Colorado Supervisor Sarah Reed (970) 172-7177</p> <ul style="list-style-type: none">● Promoted to crew leader in March 2004.● Supervised a chain saw and trail crew of 6-10 individuals.● Cut down invasive plants (Tamarisk and Russian olive).● Maintained trails and campgrounds for many organizations including: Private, National Park Service, Bureau of land Management, National Forest Service, and City government.● Built a new trail in Rabbit Valley, Colorado called <i>Trail through time</i>, and in downtown Grand Junction called, <i>The Math and Science Trail</i>.● Built rock walls along trails throughout the Black Canyon National Monument and the Colorado National Monument.● Built natural dams to provide a better wetland for wildlife.● Constructed foot bridges on Roaring Judy Fish Hatchery in Colorado.● Performed educational tasks in the Roaring Judy Fish Hatchery including: loading fish into trucks and fixing netting on fish runs.● Seeded acres of land in Naturita, Colorado for sage grouse conservation.● Hiked several miles with handheld tools, chainsaws, and backpacks weighing up to 20 lb.● Removed large Tamarisk and Russian olive trees using chainsaws, Timber axe, and chippers● Spent 4-10 days out in the field camping in primitive conditions at project sites.● Instructed many crew members from ages 16-24 on all invasive species removal, trail maintenance, camping, and a variety of other necessary duties.● Performed duties and maintained a positive attitude in rough terrain and inclement weather. <p><i>Skills and competencies gained:</i></p> <ul style="list-style-type: none">● Certificates: Crew leader training thru Colorado Youth Corps, Chain saw, timber axe, chippers, Pesticide applicators license.● Supervising many crew members in Chainsaw work, trail, work, wilderness safety, camping, and many other things.● Gained knowledge of wetland habitats and conservation, plus the importance of wetland habitat on wildlife.

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<p>September 2002 to March 2003</p>	<ul style="list-style-type: none"> ● Gained knowledge in preserving, repair, and maintenance of sage grouse habitat. ● Gained knowledge of trail construction that limited impacts on wildlife. ● Completed AmeriCorps service. <p>Cashier, McDonalds (970) 434-9190</p> <ul style="list-style-type: none"> ● Customer service, exchanged money, and filled orders.
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OTHER EXPERIENCE

<p>Fall 2015</p>	<p>Wildlife Management course at Colorado Mesa University, Stephanie Matlock Gained hands on experience in:</p> <ul style="list-style-type: none"> ● Handling and pit tagging fish. ● Tracking animals and making plaster casts of tracks for identification. ● Different techniques used to trap animals by the Department of agriculture. ● Steps involved in identifying well pad placement, effects of wildlife, and necessary steps required to limit wildlife impacts from drilling. ● Involved in electroshocking and pit tagging of fish out of the Colorado River alongside the Colorado Parks and Wildlife. <p>Internship at Colorado Mesa University Greenhouse, Dr. Margot Beckett Gained hands on experience in:</p> <ul style="list-style-type: none"> ● Greenhouse operations ● Greenhouse maintenance ● Conducting research on <i>powdery mildew</i> and completed a poster.
<p>Spring 2016</p>	<p>Mammalogy course at Colorado Mesa University, Dr. Johanna Varner Gained hands on experience in:</p> <ul style="list-style-type: none"> ● Conducted and presented research on raccoons including, camera trapping, tracking, and identifying. ● Tracking animals via snow tracks and scat ID. ● Behavioral observations on prairie dogs. ● Kept a mammal journal of indirect and direct animal sightings. ● Identifying mammal species based on physical morphology, reproduction, and behavior. <p>Senior Thesis course at Colorado Mesa University, Dr. Kyle McQuade Title of Thesis: <i>The Long-Term Effects of Ionizing Radiation on Mammals and Birds in Chernobyl, Ukraine</i> Gained hands on experience in:</p> <ul style="list-style-type: none"> ● Conducting extensive research from a variety of journals and published works on a specific topic. ● Writing a scientific review and synthesis of knowledge in a specific topic.

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Fall 2016	<ul style="list-style-type: none">● Presenting topic to a scientific class with time for questions and answers. Insect Biology course at Colorado Mesa University, Dr. Thomas Walla Gained hands on experience in: <ul style="list-style-type: none">● Insect identification to family and order.● Insect collections.● Identification based on morphology and behavior.
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HONORS AND AWARDS

2011-2016	Dean's List, Colorado Mesa University, five semesters President's list, Colorado Mesa University, Two semesters
2013	Merit Award, Colorado Mesa University Redlands Lions Club Scholarship Western slope Vietnam war memorial scholarship
2014	CMU Academic Grant – Physical and Environmental Sciences
2015	Safety Award, US Forest Service
2005	Certificate of Excellence for leadership, Western Colorado Conservation Corps
2003	Completion of summer session in Colorado Conservation Corps. AmeriCorps National Service

OTHER SKILLS

<ul style="list-style-type: none">● 9MM handgun certified thru United States Armed Forces● Have also used compound bows and 30 caliber rifles● I do most of my own mechanic work on vehicles● I am an avid outdoorsman, hunter, and angler● I work well under strenuous conditions and in inclement weather● I have a positive attitude in the face of adversity

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REFERENCES

Dr. Johanna Varner, Research Supervisor and professor of mammalogy
(970) 248-1180 jvarner@coloradomesa.edu

Dr. Margot Beckett, Professor of Plant Physiology and Greenhouse Internship supervisor
(970) 248-1892 mbeckett@coloradomesa.edu

Stephanie Matlock, Professor of Wildlife Management
(970) 248-1941 smatlock@coloradomesa.edu

Art Shires, City of Fruita Colorado Parks Crew Leader
(970) 462-5406 ashires@fruita.org

Sarah Reed, Supervisor at Western Colorado Conservation Corp
(970) 172-7177 Sreed@mindspringshealth.org