

2010 Intern Job Descriptions

Supervisor	Job Description	Location	Housing
Abarca, Francisco	The Arizona Game and Fish Department has an award winning international program for wildlife research and management. During the summer of 2010 there will be an opportunity for one intern to work on international wildlife issues. The intern will assist the International and Borderland Projects Manager to: a) conduct some aquatic and terrestrial wildlife surveys throughout Arizona or Mexico; b) write and communicate with various cooperators in English and Spanish from Mexico and the United States; c) analyze and summarize technical information on wetlands, waterfowl, and endangered species issues in Mexico and the United States; d) scan documents, slides and photographs; e) prepare and/or translate Power Point Presentations in English or Spanish; f) other duties as needed. This is a 14-week assignment with a possibility of an extension.	Phoenix	No
Bagnoli, Chris	Job duties include the deployment and maintenance of electrified fladry fencing on selected private lands in the Arizona portion of the Blue Range Wolf Recovery Area. Specific duties include setting up electrified fladry fencing and maintaining fencing on a daily or weekly basis. Position will also be responsible for monitoring predator response to fladry on private and public lands to better define effectiveness of fladry to deter wolf and other predators from entering into protected areas. Other duties as assigned may include wolf monitoring with telemetry equipment, food cache maintenance, initial wolf release preparation, paperwork associated with project documentation, and general equipment preparation and maintenance. Candidates must be willing to undertake moderate to difficult physical tasks associated with deploying and maintaining electrified fladry and other equipment including lifting and carrying equipment, bending and kneeling to maintain fencing, and walking long distances. Ability to drive a 4 wheel drive vehicle in moderately rough terrain. Ability to both work alone and as part of a team is also required. Ability to interact with public is also required.	Alpine	Yes
Benedict, Chuck	Field collection of fisheries, data using electro shocking and netting for sport and native fish species, water quality surveys, creel census, data entry and reporting. Field work will include extended periods of time outdoors camping and hiking in back country areas.	Flagstaff	No
Boyarski, Valerie	Assists in organizing, conducting and coordinating projects that involve monitoring, management, and conservation of garter snakes and their habitats, as well as some opportunities to assist in aspects of Chiricahua leopard frog, Sonoran Tiger Salamander and desert tortoise monitoring, and bullfrog control efforts. This internship will include projects that require a balance of field and office work. Fieldwork duties will include surveying and monitoring gartersnake populations (hiking in extreme temperatures over rough terrain, camping), navigation with GPS, identifying, handling and processing of native and nonnative herpetofauna (with attention to gartersnakes), radio-telemetry, accurate data collection, preparing for field trips, and maintaining and organizing field equipment. Field work may involve long days, weekends, and/or being out of town for up to one week at a time. Office duties will include data entry, photo organization, reading and producing maps, and other tasks as needed. Interns will use standard and 4WD vehicles and will operate and maintain a variety of specialized equipment common to terrestrial, aquatic, and habitat-oriented wildlife work.	Phoenix	No
Bright, Jill	Assist at the Sonoran Pronghorn captive breeding pen, monitor pronghorn with spotting scopes and binoculars, maintain fences, irrigate and maintain irrigation equipment, provide food and water for captive pronghorn. Use radio telemetry to monitor and locate released and wild pronghorn. Assist at forage enhancement plots. Monitor and maintain motion sensor cameras. Assist with data entry. Assist on other recovery projects as needed. Work will be outside in an extremely hot desert environment.	Ajo	Yes
Butler, Erin	Monitor wildlife use of waters using trails cameras at a variety of wildlife waters; as well as monitor and make minor repairs on those water catchments in extremely dry and hot weather conditions. Bait, capture, and band mourning doves. Enter data using personal computer and summarize. Perform various other habitat or game program duties as assigned.	Kingman	Yes
Bristow, Kirby	Interns will be assisting with black bear research in the White Mountains and southeastern Arizona. Field work may include trapping and handling black bears, collecting genetic samples, and measuring vegetation to quantify habitat. Intern will be required to hike and camp in rugged remote areas, navigate using a GPS and maps, and operate both 4 wheel drive trucks and quads. Field work will usually involve overnight camping or stay in Arizona Game and Fish Department bunkhouses when available.	Tucson	No

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Corcoran, Jeff	Conducts ferret and prairie dog surveys, measures habitat parameters and assists project cooperators as needed. Collects data on survival and movements of released ferrets and prairie dog populations. Traps, quarantines, and processes prairie dogs. Enters field data. This position requires candidates to be in good physical condition and be able to walk long distances conducting prairie dog survey and mapping transects.	Seligman	Yes
Eiden, Nicole	Create, update, and maintain datasets related to wildlife and fisheries management and conservation. Data development using ArcGIS Desktop, and possibly data collection using a GPS. Produces project maps and data products. The intern would also assist with software updates and GIS installations and may provide technical support to GIS users. Performs other related duties as assigned.	Phoenix	No
Frary, Vincent or Grandmaison, David	Interns would be responsible for helping on various field-based research projects in Arizona. Duties may include but are not limited to monitoring of artificial bat boxes for use by tree-roosting species, presence/absence surveys of goshawk prey, feeding-count index density estimation of squirrels, desert tortoise surveys, installing and maintaining video monitoring equipment, conducting road kill surveys and track count surveys and data entry and general office work. Successful applicants will be expected to be in very good physical condition and able to tolerate long, consecutive days conducting physically demanding fieldwork in extreme temperatures. Preference will be given to applicants who have experience camping, backpacking, navigating using topographic maps and global positioning systems, and operating ATVs and 4-wheel drive vehicles over rugged terrain.	Flagstaff, Phoenix or Tucson	Yes
Grosch, Tim	Assist with native fish monitoring and management activities around the state. Primary work will focus on implementing and supporting conservation activities for six species of suckers and chubs as well as recovery goals for Little Colorado River spinedace, and Virgin River fishes. Other species include topminnow, pupfish, loach minnow, spinedace, and Gila chub, and other native fishes. Field work will include working outside in extreme heat for up to one week at a time, camping and hiking in extremely rough terrain and remote locations, driving 4-wheel vehicles, and conducting fish surveys using equipment or techniques that may include: seining, dip netting, backpack electroshocking, boat or canoe electroshocking, minnow traps, hoop nets, fyke nets, and snorkeling; duties will include cleaning and maintaining field gear, survey equipment and vehicles. May oversee the efforts and activities of volunteers and other interns. Office work will include data proofing, data entry, writing draft survey reports and results, conducting literature research, preparing presentations and assisting in the development of public outreach materials, as well as organizing and archiving a variety of materials. The opportunity to assist in other Nongame projects may be available during the term of this internship.	Phoenix	No
Hicks, Holly	Intern will assist nongame personnel in a variety of activities including but not limited to: Visiting predetermined monitoring sites to assess presence/absence of Gunnison's prairie dogs. Visiting historic Gunnison's prairie dog towns to assess presence/absence. Ground mapping of Gunnison's prairie dog colonies. Searching potential habitat for new colonies. Assisting in other nongame mammal inventory and monitoring projects. Data entry of new information. Mapping of results in the GIS environment. Black-tailed prairies monitoring. Working with the black-footed ferret recovery project.	Phoenix	No
Huntsman, Ed	The successful candidate for the sport fishing position will primarily provide support in repairing equipment used in the program. Inventory management and control of supplies as well as provide Arizona sport fishing education courses, classes and information programs as directed in various locations within the state as well as the Phoenix metro area to increase public awareness, appreciation and understanding of the State's aquatic resources. These classes will be presented to various different constituents of varying ages and fishing interests. Interns may also assist with an array of educational and interpretive projects for the summer. These may include such tasks as assisting with wildlife rehabilitation, hunter education, off highway vehicle or related education classes; research; customer service inquiries; database development and/or data input, assisting in developing meaningful reports with informative graphs and charts highlighting program area achievements via computer entry and MS Office Suite software. The successful candidates will work to improve and enhance the Department's commitment to meeting customer needs through quality services and will have other duties as appropriate or assigned. The positions are primarily field-oriented, with approximately 50% to 75% of your time spent in the field. It may require extensive travel and working on weekends when necessary.	Phoenix	No

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Huntsman, Ed	Primarily provide Arizona boating safety education courses, classes and information programs as directed in various locations within the state as well as the Phoenix metro area to increase public awareness, appreciation and understanding of safe and responsible watercraft recreation within the State of Arizona. These classes will be presented to various different boaters or varying ages and boating interests. Interns will also assist existing program staff on the water in a boat and shore-side in conducting boating safety, carbon monoxide awareness and agency's "Wear It" life jacket campaign across the state. Additionally, the successful candidate will help develop new, experimental, and/or innovative information and education efforts to reach new audiences with programs and products to diversity revenue bases and to increase awareness, appreciation, and understanding of safe and responsible watercraft recreation. Interns may also assist with an array of educational and interpretive projects for the summer. These may include such tasks as assisting with wildlife rehabilitation, hunter education, off highway vehicle or related education classes; research; customer service inquiries; database development and/or data input, assisting in developing meaningful reports with informative graphs and charts highlighting program area achievements via computer entry and MS Office Suite software. The successful candidates will work to improve and enhance the Department's commitment to meeting customer needs through quality services and will have other duties as appropriate or assigned. The positions are primarily field-oriented, with approximately 70% to 80% of your time spent in the field. It may require extensive travel and working on weekends when necessary.	Phoenix	No
Jones, Cristina	Assist in organizing, conducting, and coordinating projects related to inventory, monitoring, management, and conservation of turtles and tortoises in their habitats, as well as some opportunity to assist in aspects of Sonoran tiger salamander and garter snake monitoring and bullfrog control efforts. This internship will include projects that require a balance of field and office work. Field research duties will include surveying and monitoring turtle populations (hiking in extreme temperatures over rough terrain, camping), navigation with GPS, identifying, handling and processing of native and nonnative herpetofauna (with attention to turtles), radio-telemetry, accurate data collections, preparing for field trips and maintaining and organizing field equipment. Field work may involve long days, weekends, and/or being out of town for up to one week at a time. Office duties will comprise of data entry, document organization, organizing photos, producing and reading maps, and other office tasks as needed. Interns will use standard 4WD, and off highway vehicles and will operate and maintain a variety of specialized equipment common to terrestrial, aquatic and habitat-oriented wildlife work.	Phoenix	No
King, Abby	Assists Ranid Frogs Projects team in organizing, conducting, and coordinating projects related to inventory, monitoring, management, and conservation of ranid frogs (and other nongame wildlife) and their habitats. Interns will be working on projects consisting of a balance of field and office work. Field research duties will include surveying and monitoring amphibian populations (hiking in adverse conditions and rough terrain, camping), identifying, handling and processing of amphibians, preparing for field trips, and maintaining and organizing field equipment. Office duties will comprise of data entry, downloading and organizing photos, map reading and production of maps, and other office tasks as needed. Interns will use standard and 4WD vehicles and will operate and maintain a variety of specialized equipment common to terrestrial, aquatic, and habitat-oriented wildlife work.	Phoenix	No
Lopez, Michael	The intern will conduct angler creel surveys at several high elevation trout lakes in the White Mountains and several 2 story lakes in the Pinetop-Show Low area. The surveys will be conducted on a set schedule that will include working different shifts and some weekend days/holidays. The intern will usually be working alone on these angler surveys and must be able to work independently. The surveys will consist of interviewing anglers at the lakes, weighing/measuring harvested fish, and identifying fish species. A kayak will be utilized when interviewing boat and float tube anglers. Lake limnological data will also be collected from these lakes from time to time. The intern will also have the opportunity to occasionally assist field crews on Apache trout projects on nearby recovery streams. A department work truck will be used for the creel surveys, and housing is available in a bunkhouse at the office.	Pinetop	Yes
McGowen, Ken	Care for fish including feeding, cleaning raceways, removal of dead fish, administer fish therapeuties. (under supervision). Stock fish into lakes and streams. Record keeping of water quality measurements, rain data, sample counts and stocking data. Maintenance of hatchery grounds and facilities. Interacts with vistors. Possible weekend work.	Silver Creek Hatchery	Yes

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McMahon, Tom	In this position you will be assisting in the Aquatic Invasive Species Interdiction Act by providing outreach information on the Quagga (Invasive Mussel). Perform watercraft inspection and watercraft decontamination. Conduct on the water inspections and outreach with Wildlife Law Enforcement ride-a-longs and at inspection stations. Willingness to travel and work outdoors in the sun and heat.	Phoenix, Flagstaff, Kingman, Page	No
Mitchell, Don	Assist fisheries program staff with Gila Trout recovery project and native fish recovery projects in a variety of locations throughout Southern Arizona. Intern will primarily assist with electro fishing surveys, gill nets surveys, equipment cleaning and maintenance. Performs data entry. Travel and camp throughout southern part of the state will be required as well as working in inclement weather that may require hiking in rough terrain carrying heavy loads.	Tucson	No
Piest, Lin	Intern will assist the regional nongame biologist with various tasks. The primary duties will be assisting with surveys for flat-tailed horned lizards and fringe-toed lizards, and with data entry. Other duties may include assisting with bat surveys, including mist netting, deploying acoustic detectors, and mine exit counts. Field work will require operation of 4 wheel truck in remote and extremely hot locations.	Yuma	No
Rabe, Mike	Baiting, capturing, and banding Mourning and White-winged Doves in several locations throughout Arizona. Some administrative duties to include data entry. Vehicle will be provided. (2 positions)	Phoenix	No
Rogers, Scott	The individual will assist with native fish monitoring and management activities around the state. Primary work will focus on implementing and supporting conservation activities for six species of suckers and chubs as well as recovery goals for Little Colorado River spinedace, and Virgin River fishes. Other species the individual may assist with include topminnow, pupfish, loach minnow, spikedace, and Gila chub, and other native fishes as opportunities arise. Field work will include working outside in extreme heat for up to one week at a time, camping and hiking in extremely rough terrain and remote locations, driving 4-wheel drive vehicles, and conducting fish surveys using equipment or techniques that may include: seining, dip netting, backpack electroshocking, boat or canoe electroshocking, minnow traps, hoop nets, fyke nets, and snorkeling; duties will include cleaning and maintaining field gear, survey equipment and vehicles. The individual may at times be required to oversee the efforts and activities of volunteers and other interns. Office work will include data proofing, data entry, writing draft survey reports and results, conducting literature research, preparing presentations and assisting in the development of public outreach materials, as well as organizing and archiving a variety of materials. The opportunity to assist in other Nongame projects may be available during the term of this internship.	Flagstaff	No
Rubin, Ester	The intern will primarily assist with a study evaluating the potential impact of off-highway vehicle (OHV) use on kit foxes. The intern will assist with collection of field data, including ground searches for sign of wildlife and OHV-use, and well as telemetry tracking of animals in the field. This position may also assist with capture and marking of animals. This position will also involve office work such as entering and managing a variety of data, doing literature searches, and or preparing work summaries. The intern will be required to hike long distances and camp in remote desert areas, sometimes under extreme weather conditions, navigate using a GPS and maps, and operate both 4-wheel drive trucks and ATVs. Nighttime and weekend work will occasionally be required, as will early morning work hours. Hours will be variable This position may also provide opportunities to assist with wildlife disease sampling, which would involve handling dead animals and traveling to hunter check stations in various parts of the State (lodging during these trips would be camping or overnight stays in department bunkhouses when available).	Phoenix	No
Severson, Mark	Care for fish including feeding, cleaning raceways, removal of dead fish, administer fish therapeuties. (under supervision). Stock fish into lakes and streams. Record keeping of water quality measurements, rain data, sample counts and stocking data. Maintenance of hatchery grounds and facilities. Interacts with vistors. Possible weekend work.	Tonto Creek Hatchery / Payson,AZ	Yes

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Sorensen, Jeff	The individual will assist staff with invertebrate monitoring and management activities around the state; additionally, the individual will on occasion assist in monitoring and management efforts for the Sonora tiger salamander, and various species of native fishes. Primary work will focus on conservation activities relating to various species of invertebrates, including springs snails and talus snails, and secondarily when time allows on native fishes, including suckers and chubs, implementing and supporting recovery goals for topminnow, pupfish, LC River spinedace and Virgin River fishes, loach minnow, spinedace, and Gila chub. The opportunity to assist in other Nongame projects will likely be available during the term of internship. Field work will include working outside in extreme heat for up to one week at a time, camping and hiking for long distances in rough terrain and remote locations, driving 4-wheel drive vehicles, and conducting surveys for invertebrates, salamanders, and fishes using a variety of equipment or techniques that may include: seining, dip netting, backpack electro shocking, canoe electro shocking, minnow trap, hoop nets, fyke nets, and snorkeling; duties will include cleaning and maintaining field gear, survey equipment and vehicles. Office work will include data proofing, data entry, drafting survey reports and results, conducting literature research, preparing presentations and assisting in the development of public outreach materials.	Phoenix	No
Terrill, Mark	Native Trout Interns will assist in various conservation and recovery actions for Apache and Gila trouts. Work will consist of stream and fish surveys using various gear types (e.g. electrofishing, seining, snorkeling), fish barrier improvements and construction, stream renovations with pesticides, habitat surveys and improvements, and fish stockings. Interns will primarily focus on the Apache trout recovery program. This program sometimes requires lethal removal of non-native fish from streams identified within the recovery area. The work is performed in rough remote areas and will involve considerable overnight camping, working in inclement weather, and hiking for 3-10 miles per day in high elevation (above 7000 ft.) while carrying heavy gear up to 30lbs. The interns will work on a crew with biologists from state, federal, and tribal agencies, as well as volunteers and other interns. This position will be based in Pinetop and field projects will be in the White Mountains and Mogollon Rim including public land on the Apache-Sitgreaves, Coconino, and Tonto National Forests.	Pinetop	Yes
Ron Thompson	Collection of hair snags and droppings from bears in specific game management units in Northern, Central, and Southern Arizona. Responsible for establishing hair snags and returning to maintain and collect samples. Detail in data recordings in entry needed. Vehicle will be provided and camp trailer for field work may be available.	Phoenix	No
Zarlingo, Wade	Care for fish: feeding, cleaning raceways, remove dead fish, load fish onto trucks, weigh fish; stock fish into lakes and streams; record data such as water quality, stocking data, feed amounts, etc; clean and maintain hatchery grounds and buildings; Conduct tours and interact with public.	Page Springs Hatchery/ Cornville, AZ	Yes