

Spring 2010 Interns:

Estevan Martinez (Department of Forestry) – Las Vegas National Wildlife Refuge;

Supervisor: Mr. Rob Larrañaga, Wildlife Refuge Manager

Duties:

- Use GPS equipment to inventory and map invasive species/vegetation found throughout Las Vegas and Maxwell National Wildlife Refuges.
- Assist with farming and water management operation.
- Assist with biological studies on Las Vegas and Maxwell.
- Assist with herpetological Monitoring on Las Vegas NWR.
- Water quality studies along the Gallinas River and refuge impoundments/lakes:
 1. Compare samples from on and off of refuge.
 2. Collect water samples from established sample sites.
 3. Collect salinity data from established sample sites.

Hannah Miller (Department of Forestry) – Wind River Ranch;

Supervisor: Mr. Brian Miller, Manager

Duties:

Interns will help construct one-rock dams in arroyos and canyons. There is presently no monitoring method for quantifying how successful the one-rock dams are, other than visual observation. The interns can work with a graduate student, and with the U.S.F.W.S. Partners for Fish and Wildlife staff, to devise a monitoring method.

Jennie Guilez (Department of Biology) – Las Vegas-San Miguel Veterinary Hospital;

Supervisor: Dr. Ben Nelson, Veterinary

Duties:

Veterinary technicians assist veterinarians in providing care to animals. They perform routine laboratory procedures and clinical procedures, such as taking blood, dispensing and giving medication, and performing medical tests, all under the supervision of a veterinarian. They can provide specialized nursing care for injured or ill animals. They are also responsible for recording an animal's history, as well as information on its weight, food intake, diet, behavior, and other symptoms, which is a necessary tool in diagnosing an animal's illness and developing a treatment plan.

Marques Jackson (Department of Forestry, changed major to Arts)– NM State Forestry , Ms.

Supervisor: Mrs, Shannon Atencio, District Timber Management Officer

Duties:

The student will work from the campus and report progress to Shannon Atencio. This student must be self-driven and able to complete tasks without direct, on-site supervision. I prefer to work with an

upper-level student. Forestry/Natural Resource Management majors are preferred, but the position is not limited to students majoring in these fields of study.

Robert Bailey (Dept Environmental Geology) – Pritzlaff Ranch-Biophilia Foundation;
Supervisor: Mr. Robert Hunt, Project Manager

Duties:

The student would work at the direction of Mr. Robert Hunt, the Foundation's New Mexico Project Manager, on a number of projects at the Ranch. These include:

- Riparian and stream channel rehabilitation activities on the Sapello River and its tributaries, including low-tech stream channel rehabilitation/erosion control and other techniques.
- Grassland rehabilitation including development of a grazing management plan.
- Forest management, including thinning, prescribed fire, and wildlife habitat enhancement.
- Development of monitoring plans and protocols for the above, including photo points, mapping, and vegetation monitoring.

Summer 2010 Interns:

Adrian Carter (Dept of Biology) – Las Vegas National Wildlife Refuge;
Supervisor: Phil Garcia

Duties:

- Assist with developing and establishing a bi weekly meteorological summary of the refuge's weather station data.
- Hand removal of invading juniper saplings within designated range units and gps juniper removal sites.
- Input historical bird survey data into excel format.
- Develop a numerical and alphabetical index for the herbarium using the existing mounts and photographs. Collect and mounts species not found in the herbarium.
- Develop and implement an organizational system to digitally archive existing and future refuge scientific and historical images.
- Conduct invertebrate sampling and monitoring along the Gallinas River in order to compare findings with other studies done along the Gallinas River.
- Sample and monitor invertebrates on refuge impoundment to develop a comprehensive species list.
- Survey and monitor preferred feeding areas of refuge migrating geese and sandhill cranes.

Hannah Miller (Dept Forestry) – Pritzlaff Ranch – Biophilia Foundation
Francis Eaton, Supervisor,

Duties:

Extensive field plot work as part of inventory of two private ranches, one of which is about 1600 acres, the other several hundred acres. Interpretation of aerial imagery and development of type map. Will need basic knowledge of forest trees, shrubs, understory plants, and acquaintance with wetlands, range plants and other special ecological features of the east side of the northern New Mexico mountains. Completion of coursework in mensuration and silviculture preferred. Practical experience in plot work/forest inventory highly desirable. While the field work will be supervised, ability to work independently is desired. Part of the work will involve interviews and visits with other landowners in the Sapello watershed. Various tasks following up on existing initiatives in the watershed are likely.

Jennie Guilez (Dept Biology) – Las Vegas-San Miguel Veterinary Hospital;

Supervisor: Dr. Ben Nelson, Veterinary

Duties:

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Duties performed by technicians in a rural general practice include:

- Computer medical records
- Animal restraint
- Surgery prep
- Irrigate and flush wounds
- Monitor IV fluid administration
- Observing animal behavior
- Answering questions from clients
- Communicating with clients (including by telephone)
- Invoicing
- Cashing out clients
- Making appointments
- In house lab test (IDEXX equipment)
- Learning different diseases and preventive medicine
- Walking dogs
- Cleaning disinfection

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