

**Posting Date:** Spring 2012  
**Position:** Fishery Biologist GS-482-5  
**Department:** Mora National Fish Hatchery  
**Reports To:** Mr. Jeffrey Powell, Center Director  
**Job Type:** 1 Student Internship (Sophomore or higher)  
**Rate:** \$12/hr  
**Spring 2012:** Up to 15 hrs/week

SUMMARY:

Fishery Biologist, GS-482-5 National Fish Hatchery

Introduction:

The employee serves as a trainee Fishery Biologist at a National Fish Hatchery in Region 2, U.S. Fish and Wildlife Service. Typical, but not all inclusive duties include:

A. Major Duties:

Assists in day-to-day fish cultural activities, including weighing, sorting, sampling, and grading fish utilizing proper methods and techniques.

Conducts biological surveys for the protection and enhancement of the aquatic and fishery resources of the Region.

Applies chemicals as directed for control of aquatic vegetation, observes and reports results of treatment.

Uses computers and other data processing equipment to enter, process, and summarize fishery data for reports.

Prepares reports and recommendations based on the results of the biological studies.

Assists in study design and assessment plans for fisheries needs.

Assists in the development of fish stocking schedules for waters under the jurisdiction of the Fisheries Resources Office.

Actively supports the Equal Opportunity Program as specified in National, Regional, and local Affirmative Action plans.

B. Factors:

1. Knowledge Required by the Position:

Knowledge of the theory, principles, and methods of fishery biology and a working familiarity with related disciplines such as would be obtained through a college major in fishery biology or its equivalent in order to perform elementary data collection and analysis tasks in fishery biology.

Skill in presenting data and its analysis, discussion and recommendations in a form requiring minimum review and editing.

Skill in operation of motorized vehicles.

Skill in operating small motorized watercraft on reservoirs and rivers under rough water conditions.

Ability to make independent, sound decisions in regard to continuing or terminating outdoor operations in the face of hazardous weather or water conditions.

Ability to become certified in the use of electrofishing gear as required by section 24 AM 13 of the U.S. Fish and Wildlife Service Safety Manual within three weeks of entering on duty.

2. Supervisory Controls:

The employee is under the direct supervision of the Project Leader for daily work assignments. The employee is expected to perform independently those tasks that include simple and direct application of acquired learning. Problems previously encountered by the employee are resolved independently; unusual problems are referred to the supervisor. As tasks recur, the employee performs them under greater independence.

3. Guidelines:

Guidelines are available in the form of manuals, textbooks, and correspondence relating policies, procedures, precedent actions, and interchanges with the supervisor. The employee uses judgment in selecting from a large number of guidelines.

4. Complexity:

The employee is required to select, interpret, adapt, or modify existing methods, practices and procedures to accomplish required end results. Work consists of a variety of well defined tasks in which the employee directly applies the principles and methods of fishery biology.

5. Scope and Effect:

The employee collects and processes biological data that will be used to develop, implement and evaluate hatchery culture and management plans. Work affects the quality of these plans and evaluations, and subsequently, the quality of fisheries on Federal and Tribal lands.

6. Personal Contacts:

Contacts are with co-workers, local conservation organizations and groups, cooperating State and Federal agencies, Tribal organizations, and the general public.

7. Purpose of Contacts:

Contacts are required for the purpose of providing work directions to co-workers, explaining and disseminating information to groups and individuals, and exchange of information.

8. Physical Demands:

The work requires considerable physical exertion such as walking over wet, muddy, uneven or rocky surfaces; bending, crouching, stooping, stretching, reaching, lifting, seining and netting. The work requires average agility and average to above average dexterity.

9. Work Environment

The work requires both office and outdoor work. The office is adequately lighted, heated and ventilated. Temperature and weather extremes may be encountered in the performance of the outdoor work. The employee is expected to conduct duties in a safe and orderly manner so as not to endanger self, fellow workers, or property with which entrusted.

Is responsible for the safety and health of all persons and operations under his/her direction. Provides complete safety instructions to co-workers (including YCC, Work-Study, and assisting cooperators) prior to assignment of duties; enforces all safety rules and regulations; inspects area for unsafe practices and conditions and takes corrective actions to eliminate any hazards.

**Standard KSAs for GS-482-5/7  
Hatchery Operations**

1. Knowledge of the theory, principles, and methods of fishery biology.
2. Knowledge of fish diseases, diagnostic techniques, and control methods.
3. Knowledge of fish culture and hatchery operations.
4. Ability to communicate technical information in written form.
5. Ability to communicate technical information orally.

**HOW/WHERE TO APPLY:**

Go online to [www.armasineducation.com](http://www.armasineducation.com) or pick up application package at ARMAS (Engineering Bldg #106) with Mabel Suárez (T. 426-2104) or Monique Esquibel (T.426-2010).

**Contact Information:**

Mabel Suárez, Internship Coordinator  
Monique Esquibel, Center Office Specialist  
ARMAS Tel. 505-426-2104 / 505-426-2010

Dr. Edward Martinez  
Dr. Jennifer Lindline  
Co-Directors, USDA Grant  
NMHU, Ivan Hilton Science Bldg  
Las Vegas, NM 87701  
Tel. 505-454-3366 / 505-426-2046

Mr. Jeffrey Powell  
Center Director  
U.S. Fish and Wildlife Service  
Mora National Fish Hatchery and Technology  
Center  
Hwy 434 Mile Marker 2  
Mora, NM 87732  
(575) 387-6022 Fax: (575) 387-9030