

Job Details:

Title:	Biological Science Technician (Aquatics)	Hourly Rate:	GS-4 \$14.36/hr GS-5 \$16.06/hr GS-6 \$17.90/hr GS-7 \$19.90/hr
Series:	GS- 0404	Apply By Date:	3/3/2011
Grade:	GS-4 (Student Temporary Employment Program [STEP] positions only) or GS-5, GS-6 or GS-7 competitive through AVUE. See section below "To Apply".		
Duties:	Selected employees will be placed in either "Aquatic Crew" or "Fish Passage Crew". Availability of Forest Service housing is yet to be determined. First-aid, CPR, and field safety training are provided. General field and camping equipment are provided.		

The GS-4 or GS-5 (may fill up to 15 positions total) incumbent is responsible for the following:

Aquatic Crew:

Field duties mainly include conducting electro-shocking surveys for the Non-game Fish Assessment, using gill nets to remove non-native trout for Sierra Nevada yellow-legged frog habitat restoration, and using electro-shocker to remove non-native trout for the recovery of Lahontan cutthroat trout. Other field work may include amphibian visual encounter surveys, snorkel surveys, participating in educational outreach, aquatic weed removal treatments, creel surveys, mending gill nets, and installing signs.

Applicants should have knowledge or experience using standardized field survey protocols and data entry. The work is physically demanding and involves extensive daily hiking often in steep and uneven terrain, with HEAVY loads carried on back. The second half of the season will involve backpacking and camping –maybe up to 8 days at a time. Qualified applicants will need to endure cold weather, snow, sun, heat, mosquitoes, and long-hours (10 hour work day). Fish removal work with gill nets involve handling VERY STINKY fish carcasses and sitting on a float tube in the middle of small lakes. This position involves much sacrificing of non-native trout!

Field Season Dates = mid-June thru mid-October, **the end timeline is not flexible!**

Fish Passage Crew:

Field duties mainly involve conducting surveys to assess road-stream crossing conditions in Lake Tahoe basin. Field crew will conduct the survey according to fish passage evaluation protocols, which includes stream channel longitudinal profiles, cross sections, pebble counts, road prism geometry and crossing structure variables. The work is physically demanding and involves extensive daily hiking often in steep and uneven terrain, and in perennial streams. Field duties may also include helping out the Aquatic crew (see above description) with electro-shocking and snorkel, and backpacking in gear for the Aquatics crew. Qualified applicants will need to endure cold weather, snow, sun, heat, mosquitoes, and long-hours (10 hour work day), and there may be some backpacking and camping required.

Applicants should have knowledge or experience using standardized stream field survey protocols, such as measuring channel bankfull width and streambed elevation profiles, and identifying pools

and tailwater crests. Applicant should have experience working with laser levels, stadia rods, and GPS. Applicants should be comfortable using Microsoft Word, Excel, and have experience with data entry and data management. Experience with GIS and ArcMap a huge plus!

Field Season Dates = mid-June thru end of September

The GS-6 or GS-7 (may fill up to 4 positions total) incumbent is responsible for the following:

Aquatic Crew:

This is a crewleader position, overseeing and participating in field work that mainly includes conducting electro-shocking surveys for the Non-game Fish Assessment, using gill nets to remove non-native trout for Sierra Nevada yellow-legged frog habitat restoration, and using electro-shocker to remove non-native trout for the recovery of Lahontan cutthroat trout. Other field work may include amphibian visual encounter surveys, snorkel surveys, participating in educational outreach, aquatic weed removal treatments, creel surveys, mending gill nets, and installing signs.

The crewleader will be responsible for overseeing all aspects of field crews such as ensuring crews submit timesheets and travel vouchers, managing crew schedules, following safety protocols, training crews in field protocol, managing data entry, compiling data, analyzing data, writing reports, coordinating work efforts with other technicians and scientists, and handling small personnel issues.

The work is physically demanding and involves extensive daily hiking often in steep and uneven terrain, with HEAVY loads carried on back. The second half of the season will involve backpacking and camping –maybe up to 8 days at a time. Qualified applicants will need to endure cold weather, snow, sun, heat, mosquitoes, and long-hours (10 hour work day). Fish removal work with gill nets involve handling VERY STINKY fish carcasses and sitting on a float tube in the middle of small lakes. This position involves much sacrificing of non-native trout!

Applicants must have knowledge or experience using standardized field survey protocols, and field equipment such as a backpack electro-shocker and GPS. Applicants must be comfortable using Microsoft Word, Excel, and have experience with data entry and data management. Experience with GIS and ArcMap a huge plus!

Field Season Dates = end of May/beginning of June thru end of October, **the end timeline is not flexible!**

Fish Passage Crew:

This is a crewleader position, overseeing and participating in field work that mainly surveys road-stream crossing conditions in Lake Tahoe basin. Field crew will conduct the survey according to fish passage evaluation protocols, which includes stream channel longitudinal profiles, cross sections, pebble counts, road prism geometry and crossing structure variables. Field duties may also include helping out the Aquatic crew (see above description) with electro-shocking and snorkel, and backpacking in gear for the Aquatics crew. The work is physically demanding and involves extensive daily hiking often in steep and uneven terrain, and in perennial streams. Qualified applicants will need to endure cold weather, snow, sun, heat, mosquitoes, and long-hours (10 hour work day), and there may be some camping required.

The crewleader will be responsible for overseeing all aspects of field crews such as ensuring crews submit timesheets and travel vouchers, managing crew schedules, following safety protocols, training

crews in field protocol, managing data entry, compiling data, analyzing data, writing reports, coordinating work efforts with other technicians and scientists, and handling small personnel issues.

Applicants must have knowledge or experience using standardized stream field survey protocols, such as measuring channel bankfull width and streambed elevation profiles, and identifying pools and tailwater crests. Applicant must have experience working with laser levels, stadia rods, and GPS. Applicants must be comfortable using Microsoft Word, Excel, and have experience with data entry and data management. Experience with GIS and ArcMap a huge plus!

Field Season Dates = end of May/beginning of June thru mid October.

TO APPLY

Formal application will take place on-line using AVUE Digital Services. Applicants should first visit the federal USAJOBS website ([URL: http://www.usajobs.opm.gov/](http://www.usajobs.opm.gov/)) to view the formal announcement (search for announcement numbers **OCRT-404-4-FISH-DT, OCRT-404-5-FISH-DT, OCRT-404-6-FISH-DT, OCRT-404-7-FISH-DT**) then follow the link to the "Vacancy Summary" in AVUE by selecting "How to Apply" in USAJOBS. Applicants must apply for each announcement number to be considered at the different GS levels. When applying in AVUE, make sure to select **SOUTH LAKE TAHOE, CA** as a "Preferred Location" under the "Applicant Information" section of the application.

Student applicants (GS-4) please contact supervisor directly (see contact information below).

Applications must be submitted by 3/3/2011!

Job Location:

Forest: Lake Tahoe Basin Mgt Unit

District: Not Applicable

Location **Other:** **The Lake Tahoe Basin Management Unit** is organized and administered as a national forest, but without ranger districts. Located at 35 College Drive in South Lake Tahoe, California.

The primary mission of the LTBMU is to restore and preserve the legendary clarity of Lake Tahoe (one of the world's deepest mountain lakes, at an average depth of more than 1,000 feet!), while providing year-round recreational opportunities on National Forest System lands for millions of visitors annually.

The LTBMU is located in the Sierra-Nevada Mountain Range, at 6,225 feet above sea level. The Lake Tahoe Basin is comfortable in the summer, with daytime temperatures averaging 80 degrees Fahrenheit and evenings turning cool and crisp. Afternoon thunderstorms are common in the summer, though their durations are usually on the order of only minutes to a few hours and do nothing to dampen the spirits of boaters, hikers, mountain-bikers, and picnickers. During the autumn, the brilliant yellow color of aspen leaves provides a wonderful contrast to the deep green color of the pines. Winters are cold, but below-zero temperatures at night are rare. Winter snowfall averages about 6-feet to 10-feet per year adjacent to the lake and over 30 feet per year on the spectacular mountain peaks that bound the Basin. Exceptional alpine and downhill skiing, snowboarding, telemarking and Nordic/cross-country skiing are enjoyed from November through April. The sun shines on the Basin more than 330 days every year.

City/State/Zip: South Lake Tahoe, CA 96150

Location: See Location Other

For Further Information Please Contact:

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