

Statistician Recruitment Announcement - Alaska

Are you looking for a great job working in one of the nicest spots on the planet, among a large community of Fisheries Professionals? If so, here's your chance! The Alaska Department of Fish and Game, Division of Sport Fish is recruiting for one full-time **biometrician** in the **Fairbanks** office. The Fairbanks office is located on the Creamer's Field Migratory Waterfowl Refuge. This position is administratively in the Research and Technical Services group of the Division of Sport Fish, and offers a rare opportunity to provide biometric support to a diverse array of projects. The successful applicant will also have the opportunity to participate in fishery field work in some of the most beautiful and remote areas in Alaska.

This position is a flexibly staffed position. The vacancy may be filled at the Biometrician I, II or III level depending on the applicant's training and/or experience. Applicants may only be hired at the level for which they specifically apply. Therefore, applicants are strongly encouraged to apply for ALL LEVELS of this position for which you may qualify.

This position is responsible for ensuring the biometric quality and planning for about ten to fifteen percent of the research projects in the Division of Sport Fish through operational planning. Workload varies from year to year, but on average a typical workload for this position involves providing support for 8 to 18 separate research projects. Specific duties, level of responsibility, and authority are somewhat different depending upon the recruitment level (Biometrician I, II, or III).

Although specific assignments vary from year to year -- the operational plans involve research utilizing a wide variety of statistical techniques and methodologies, for example: fish abundance estimation using mark-recapture methodology, coded-wire tag applications in salmon, creel survey of recreational anglers, public surveys, population dynamic-modeling, to name a few. The responsibilities associated with the operational planning process include:

- o guiding biologists toward a definition of what kind and quality of information is needed for sound management of recreational fisheries;
- o selecting proper sample surveys or experimental designs to provide accurate estimates or valid tests;
- o determining sample sizes to provide the desired level of precision and accuracy, or the necessary power to detect significant differences associated with statistical tests;
- o deriving new statistical methods when the old methods do not fit sampling or experimental situations; and
- o working cooperatively with project leaders in the development of biometrically sound sampling schedules.

Assisting or conducting data analysis and report development are aspects of the job as well. On-site field inspections occur on an as needed basis.

Specific job duties and minimum qualifications, as well as desired knowledge, skills, abilities, and experience are listed in the recruitment bulletins available on-line as noted below. Information on Fairbanks is provided on-line as well.

Application must be made with an Applicant Profile at <http://workplace.alaska.gov/>, and with Job Qualification Summaries for the three separate Recruitment Bulletins for Biometrician I, Biometrician II, or Biometrician III, Position ID Number: 11-4119. **If you wish to be considered for the position at ONE OR MORE levels (Biometrician I, Biometrician II, AND/OR Biometrician III) you MUST apply for each recruitment bulletin associated with each level.**

The initial application deadline is no later than 5:00 p.m., **June 30, 2008**

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