

RESEARCH STATISTICIAN
USGS Alaska Science Center, Anchorage, Alaska

The USGS Alaska Science Center is seeking applicants for a Research Statistician position in its Biometrics Research Program. The incumbent will be primarily responsible for collaborating on the development and application of statistical methods for modeling spatial and temporal dynamics of wildlife populations, with results to be published in peer-reviewed journals. Research will initially focus on approaches such as generalized linear and nonlinear mixed modeling and hierarchical Bayesian modeling for assessing environmental and temporal effects on walrus haul-out behavior. There will be opportunities for additional research on applications of statistical methods within the context of the broad biological research programs of the Alaska Science Center relating to wildlife in marine, freshwater and terrestrial ecosystems of Alaska and neighboring countries.

Candidates should have the equivalent of a Ph.D. degree in statistics, biomathematics or a related field; specific expertise in theory and application of generalized linear and nonlinear mixed effects models, Bayesian methods, and population dynamics models; facility with statistical programming languages including SAS and/or R; and a strong interest in the application of statistical methods to ecological data. The position requires U.S. citizenship.

The Alaska Science Center is located on the campus of Alaska Pacific University, in Anchorage, Alaska. Anchorage is a modern city with a population of 277,000 people and all of the amenities usually associated with cities of that size, including restaurants, shopping and cultural offerings; however, it also has over 130 miles of paved summer bike trails, over 200 kilometers of groomed winter ski trails and year-around access to some of the most outstanding wilderness in North America.

The Alaska Science Center is an important component of the USGS, the organization responsible for providing the Nation with high-quality objective scientific information needed to manage natural resources and prevent losses due to natural hazards. The Alaska Science Center is a leader in providing biologic, geologic, hydrologic, and geographic data, information and related research in arctic and subarctic regions.

This position will be filled at the GS-12 level (\$57,709 – \$75,025/year, plus 24% Cost of Living Allowance) for an initial term of 13 months with possible extension of up to four years. We expect the position to be formally advertized in late spring of 2008 and we will be filling it as soon as possible after that. For more information about the position and the application process, please contact Dr. Mark Udevitz, 907-786-7083, mudevitz@usgs.gov.

USGS is an equal opportunity employer

Alaska Science Center – <http://alaska.usgs.gov>
Biometrics Research – <http://alaska.usgs.gov/science/biology/biometrics>

