



UPCOMING VACANCY ANNOUNCEMENT 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. The initial assignment will focus on statistical methods for integrating models of walrus bioenergetics and population dynamics in a Bayesian hierarchical framework. There will be opportunities for additional research to develop and apply statistical methodology 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.

Ideal candidates will have the equivalent of a Ph.D. degree in statistics or biomathematics; 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 development of statistical methods for ecological applications. 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 280,000 people and all of the amenities usually associated with cities of that size, including restaurants, shopping and cultural activities. Anchorage 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 is a permanent position to be filled at the GS-12 or 13 level (\$75,112 – \$116,112/year, including Cost of Living Allowance/Locality Pay), with promotion potential to the GS-15 level. Qualified relocation expenses will be reimbursed. Applications will be accepted online at USAJOBS (<http://www.usajobs.gov/>) late January – early February 2011. For more information about the position, please contact Dr. Mark Udevitz, Biometrics Research Project Leader, USGS Alaska Science Center, 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>