

## Senior Research Statistician Developer - Mixed Models Specialist-09002044

### Description

Join the world's leading statistical software company and make a difference in the way that statistics is practiced! SAS is expanding its statistical software, and we are looking for a statistical developer to accelerate our efforts in the area of mixed models methodology, especially nonlinear mixed models as applied to pharmacokinetics, dose response studies, and frailty models.

In this position, you will implement methods in new and existing SAS procedures. You will keep up with the forefront of methodology, identify appropriate statistical techniques for implementation in SAS, and program these methods in C. You will also test and document the software and present it to customers and professional statistical audiences.

### Qualifications

#### Essential

- Ph.D. in statistics, biostatistics, numerical analysis, applied mathematics, or a related quantitative field
- Graduate-level specialization (advanced coursework or research) in one or more of the following areas: mixed models, longitudinal data analysis, nonlinear models, computational methods for maximizing complex likelihoods, or frailty models
- Experience writing large, complex programs in C, C++, FORTRAN, or a similar scientific programming language

#### Additional

- Excellent written and verbal communication skills.
- Ability to identify and proactively solve problems.

#### Preferences

- In-depth knowledge of advanced computational techniques for numerical optimization, for numerical integration, or for one or more of the areas listed above under graduate-level specialization.
- Familiarity with applications of nonlinear mixed models in science and industry
- Experience developing commercial-quality software

#### Additional Information

The level of this position will be determined based upon the applicant's education, skills and experience.

Resumes may be considered in the order in which they are received.

SAS employees performing certain job functions may require access to technology or software subject to export or import regulations. To comply with these regulations, SAS may obtain nationality or citizenship information from applicants for employment. SAS collects this information solely for trade law compliance purposes and does not use it to discriminate unfairly in the hiring process.

**Job** Software R&D

**Primary Location** US-NC-Cary

**Organization** SAS Institute Inc.

**Job Posting** Jan 20, 2010

**Unposting Date** Ongoing

**Classification** Full-time

Go to <http://www.sas.com/jobs/USjobs/search.html> and look for job number 09002044, "Senior Research Statistician Developer - Mixed Models Specialist".