

The National Institute of Statistical Sciences (NISS) is accepting applications from postdoctoral candidates who will receive their doctoral degrees from accredited programs in statistical sciences, or mathematical and computational sciences.

NISS was established in 1990 by the national statistics societies and the Research Triangle universities and organizations, with the mission to identify, catalyze and foster high-impact, cross-disciplinary and cross-sector research involving the statistical sciences. NISS is dedicated to strengthening and serving the national statistics community, most notably by catalyzing community members' participation in applied research driven by challenges facing government and industry. NISS also provides career development opportunities for statisticians and scientists, especially those in the formative stages of their careers. NISS is located in Research Triangle Park, North Carolina.

NISS Postdoctoral Fellowship in Education Statistics

NISS plans to appoint at least one postdoctoral fellow to be deeply involved in designing, executing and reporting a broad range of studies and analyses of education statistics data. The fellow will participate in an ongoing series of research activities and expert task forces addressing topics of high importance and impact for US education. The fellow will be located in Research Triangle Park, North Carolina.

Project Description

Current NISS foci—configuration and data integration for longitudinal studies, full population estimates for NAEP, graphics and maps, nonresponse bias analysis, postsecondary access and choice, projections, and surveys of ex-school principals—typify the scope of the fellow's activities.

Fellowships at NISS

This fellow will participate in an ongoing series of research activities and expert task forces addressing topics of high importance and impact, and will be mentored by the director and associate director of NISS. In addition, the fellow will interact with personnel from the National Center for Education Statistics, as well as other NISS postdoctorals working in areas such as statistics for biosciences, chemoinformatics, data confidentiality and examination and prediction from complex surveys. Teaching experience can often be arranged for fellows who wish it, as can participation in programs of NISS' sister institute, the Statistical and Applied Mathematical Sciences Institute (SAMSI).

Technical Requirements

The position requires a Ph.D. or Ed.D. in statistics, psychometrics, survey methodology or a quantitative social science; strong communication and data analysis skills; knowledge of statistical computing software; capability to present complex information to diverse audiences; and commitment to collaborative research that crosses both disciplinary and sector (in this case, government/academia) boundaries.

Salary and Position Information

Currently, the salary is \$72,500 per year (to increase to \$75,000 per year on July 1, 2009), together with a range of benefits. The position is available immediately and the goal is to make an appointment by April 1, 2009. The position will remain open until filled. Applicants must have successfully defended their dissertation before beginning employment.

Review of Application

Applications will be evaluated on the strength of the applicant's statistical skill and on the applicability to the research area. All qualified applicants are encouraged to apply, especially women and members of minority groups. U.S. citizenship is not required.

Application to NISS

Applications should be submitted electronically (pdf format preferred) to postdocjobs@niss.org. Applications to multiple opportunities require only a single application provided the statement of interest (expandable to 4 pages) clearly addresses the several opportunities.

Send questions to: K. Kantner at kak AT niss DOT org. Applications must contain the following:

- Application Cover Page
- Curriculum Vitae (including computing skills and relevant coursework)
- Transcript (unofficial)
- Names and contact information (street & email addresses, phone numbers) of three references who may be contacted
- Statement of research interest (1-2 pages double-spaced, 12-point font per topic)
 - Topic area
 - Statement indicating relevance of statistical interest and expertise
 - Related experience or previous collaboration, if appropriate
 - Other relevant skills

**NISS is an AA/equal opportunity employer.*