

## **NISS-AIR Postdoctoral Fellowship in Survey Methodology and Research**

The National Institute of Statistical Sciences (NISS) and the American Institutes for Research (AIR) announce the creation of a joint postdoctoral fellowship program focused on problems and issues arising from the design and analysis of complex surveys. The initial term of appointment will for two years, beginning early in 2012.

The Postdoctoral Fellow's primary activity will be to carry out research on statistical theory, methodology and applications, addressing such areas as sample design, statistical methods, analysis of complex sample data, longitudinal surveys, model-based methods, multi-mode surveys, imputation, nonresponse, and data confidentiality. Contexts for the research include Project TALENT (see [www.projecttalent.org](http://www.projecttalent.org)), multiple activities in education stemming from AIR-NISS partnerships in efforts supporting the National Center for Education Statistics, and health—a strength of AIR and a significant interest of NISS. The Fellow will collaborate with and be mentored by NISS Director Alan Karr, NISS Assistant Director Lawrence Cox and statistical and domain scientists from AIR. Like the 75+ past and present NISS postdocs, the NISS-AIR Postdoctoral Fellow will play an innovative, leading role in the research, focusing it and even re-orienting it when necessary. She or he Fellow will engage in both ongoing projects and preparation of proposals for new ones.

The NISS-AIR Postdoctoral Fellow will be appointed by NISS, and will be located at AIR facilities in Washington, DC. He or she will be part of both the nationwide AIR community and the Washington- and Research Triangle Park, NC-centered NISS community. For more information about NISS and AIR, please see their web sites ([www.niss.org](http://www.niss.org) and [www.air.org](http://www.air.org)).

Applicants must have received, or expect to complete, a doctorate in 2006 or later. Women and members of under-represented groups are particularly encouraged to apply. Criteria for selection include demonstrated research ability in statistics or an allied scientific discipline, interest in high-impact survey research, strength in computation, commitment to collaborative research, and excellent skills in verbal and written communication. The initial salary is \$80,000 per year.

Applications should consist of (1) a letter of interest responding to the research emphases and criteria above and containing full contact information and citizenship/immigration status; (2) a CV that lists educational background, research experience and publications; and (3) abstracts of the dissertation and any publications. These items must be submitted electronically (as PDF files if possible) to [niss-air-postdoc-application2011@niss.org](mailto:niss-air-postdoc-application2011@niss.org). Applicants should also arrange for three letters of reference to be sent to the same E-mail address, to which queries about the position, about NISS or about AIR may also be directed.

The deadline for full consideration is December 31, 2011. Later applications will be considered as resources permit. The appointment may be made at any time.

*NISS is an AA/EEO employer*