

Service Fellowship in Statistical Research and Survey Methodology

Office of Research and Methodology National Center for Health Statistics

Organization description

The Centers for Disease Control and Prevention's (CDC) National Center for Health Statistics (NCHS), located in Hyattsville, Maryland, is seeking a Senior/Associate Service Fellow to work in the Office of Research and Methodology (ORM). NCHS is the Nation's principal health statistics agency. As one of the eight centers, institutes, and offices (CIOs) that comprise CDC, NCHS compiles accurate, relevant, and timely statistical information to guide actions and policies that improve the health of the American people. The mission of ORM is to plan, coordinate, and stimulate the Center's applied and basic research program in the fields of mathematical statistics, survey design and methodology, cognition and survey measurement, and automated statistical, graphical, and geographical technologies, and to conduct research in each of these fields. The Office serves as the Center's consultant in the fields of cognition, survey design and methodology, and data collection and analysis, and formulates and implements statistical standards in these areas. For more information visit [About NCHS](#).

Fellowship overview

The Statistical Research and Survey Design Staff (SRSDS) conducts methodology research and provides technical consultation to the Center's survey data divisions and across CDC CIOs. The incumbent Fellow will report to the SRSDS Chief and will be responsible for conducting original and meaningful research on statistical designs to provide a reliable base for investigation of statistical validity, stability, and precision of measures from complex survey data. The Fellow will also provide technical assistance to the Center's data divisions in survey and weighting methodology; experimental design; measuring sampling and non-sampling errors; determining the effects of different sources of error in estimation and inference; conducting nonresponse and noncoverage bias analyses; assessing missing data problems; and resolving disclosure risks in microdata files. In addition, the Fellow will provide expertise in the application of small-area estimation and Bayesian theory in the development of new or significantly modified approaches to design surveys and analyze data. The incumbent will prepare and submit for publication the results of his or her efforts.

Qualifications

This fellowship opportunity is open to all citizens of the United States or legal permanent residents with a work authorization. Applicants are responsible for obtaining the necessary work authorization. Applicants must have a master or doctoral degree or equivalent obtained from a recognized college or university that included 24 semester hours of mathematics and statistics, of which at least 12 hours were in mathematics and 6 were in statistics. Applicants must also have 3-5 years of work or research experience in statistical and survey methodology; 1-2 years of specialized experience in small area estimation and Bayesian methods or Geospatial methods are desirable. Strong speaking, writing, and interpersonal skills are highly desirable.

Terms of appointment

The Fellow will be offered an initial 24-month appointment, with the potential for extension. A starting date will be determined by mutual agreement. An initial salary of \$73,100 to \$113,007 (GS-12, step 1 to GS-13, step 10) will be offered based on skills, education, and experience. Salary increases will be commensurate with performance, and a recruitment incentive may be authorized. The Fellow will be eligible for annual and sick leave, Thrift Savings 401(k)-equivalent, health and life insurance, and a flexible work schedule. The Fellow will have the option of free on-site parking or a public transportation subsidy. The local subway station is within walking distance.

Application process

To be considered for this position, all application materials must be postmarked by July 30, 2009. Interested applicants should submit a curriculum vitae, a cover letter describing relevant research and work experience, copies of all graduate transcripts (official transcripts will be required if selected), and three reference letters to Ms. Meena Khare at the mailing address below. Inquiries or questions regarding this fellowship can be directed to Ms. Meena Khare at MKhare@cdc.gov.

Mailing address

National Center for Health Statistics
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