National Institute for Occupational Safety and Health (NIOSH), Industrywide Studies Branch (IWSB), Division of Surveillance, Hazard Evaluations, and Field Studies (DSHEFS): Biostatistician Fellowship

The National Institute for Occupational Safety and Health (NIOSH) is a multidisciplinary research institute of the federal government that conducts research and makes recommendations for the prevention of work-related illnesses and injuries. IWSB staff collaborate with university-based research groups and other government agencies permitting access to rich data from studies of a variety of workplace exposures and occupations, and linkage to cancer registries.

The successful candidate will support epidemiologists and exposure assessors in the conduct of industry-specific and population-based studies and will conduct statistical methods research applicable to occupational health studies. Studies include occupational cohorts, cross-sectional, and case-control studies. The Biostatistician Fellow will be responsible for the following duties: analyzes data, evaluates statistical studies, provides advice and consultation, and evaluates mathematical tools.

SKILLS AND ABILITIES – The following background is preferred:

- Excellent statistical analysis skills including logistic and linear regression, ANOVA, general linear models, Poisson regression, life table, and Cox regression
- Advanced SAS statistical software experience or others, such as R
- Experience with Microsoft office tools - Excel, Access, and SQL
- Interest in occupational safety and health
- Excellent written and verbal communication skills
- Applicants must have a doctoral or master’s degree in statistics, mathematics, biostatistics or related field. Candidates should be experienced in epidemiologic study design and data analysis, and have excellent written and oral communication skills. Experience in analyzing data for cancer or reproductive epidemiology studies or exposure assessment studies is desired. Knowledge of SAS (or other statistical software) is required.

U.S. citizens, permanent residents, and non-U.S. citizens are eligible for this position. The successful candidate will be appointed under the Title 42 Fellowship mechanism on a two-year renewable contract. Fellows will be eligible for government health and retirement benefits. Applications received by February 9, 2018 will receive full consideration; applications received after that date will be considered on a rolling basis until the position is filled. The start date is negotiable.

To apply, please send a cover letter and CV to: Cherie Estill, PhD, Industrial Hygiene Supervisor, clf4@cdc.gov. For questions about this position, please contact Dr. Estill by email or at (513) 841-4476.