Opportunity Title: STD Statistical Analysis Fellowship -- CDC
Opportunity Reference Code: CDC-NCHHSTP-2016-0094

Organization	Centers for Disease Control and Prevention (CDC)
Reference Code	CDC-NCHHSTP-2016-0094
How to Apply	A complete application consists of:

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- An application
- Transcripts – [Click here for detailed information about acceptable transcripts](#)
- A current resume/CV, including academic history, employment history, relevant experiences, and publication list
- Two educational or professional references

All documents must be in English or include an official English translation.

If you have questions, send an email to CDCrpp@orau.org. Please include the reference code for this opportunity in your email.

Description

A fellowship opportunity is available in the Epidemiology and Statistics Branch (ESB) within the Division of Sexually Transmitted Disease Prevention of the National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention (NCHHSTP) at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia.

ESB examines the etiology, sequalae and social determents of bacterial and viral STDs, such as syphilis, chlamydia, gonorrhea, and herpes. The statistics team develops and employs state-of-the art methodologic approaches to studying STDs.

The fellow may have the opportunities to be involved in the following activities:

- Analyzing data sets including but not limited to the National Health and Nutrition Examination Survey (NHANES) and National Survey of Family Growth (NSFG).

- Developing and appling advanced statistical analysis techniques to surveillance and epidemiologic STD data sets in an effort to project the prevalence and incidence of STD infections for the nation as a whole and for specific risk groups and geographic areas.

- Analyzing sampling weights, analyzing observational studies, and other statistical modeling of STD control and prevention intervention effectiveness.

- Implementing new or state-of-the-art techniques requiring the innovative use of existing statistical software such as R, SAS, BUGS and related software package/programs.

The research participant will have the opportunity to learn about analytic methods for complex survey data (NHANES and NSFG) in the field of STD prevention, develop new analytic skills with propensity scores as well as latent class models, and participate in writing scientific manuscripts for STD research projects.

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This program, administered by ORAU through its contract with the U.S. Department of Energy to manage the Oak Ridge Institute for Science and Education, was established through an interagency agreement between DOE and CDC. The initial appointment is for one year, but may be renewed upon recommendation of CDC contingent on the availability of funds. The participant will receive a monthly stipend commensurate with educational level and experience. Proof of health insurance is required for participation in this program. The appointment is full-time at CDC in the Atlanta, Georgia, area. Participants do not become employees of CDC or the program administrator, and there are no fringe benefits paid.

Qualifications

- A master's or doctoral degree in biostatistics or a similar field received within the last two years is required.

- Experience analyzing data using R and SAS is required.

- Experience analyzing national survey data sets is desired.

- Experience with propensity score analysis methods is desired.

Eligibility Requirements

- **Degree:** Master's Degree or Doctoral Degree received within the last 24 month(s).
- **Discipline(s):**
  - **Mathematics and Statistics** (2 👁)