Opportunity Title: CDC NCHHSTP Statistician Fellowship in Modeling, Economics, and Statistics Team; Clinical Economics and Health Services Research Branch

Opportunity Reference Code: CDC-NCHHSTP-2023-0261

Organization	Centers for Disease Control and Prevention (CDC)
Reference Code	CDC-NCHHSTP-2023-0261
How to Apply	***Connect with ORISE...on the GO!*** Download the new ORISE GO mobile app in the Apple App Store or Google Play Store to help you stay engaged, connected, and informed during your ORISE experience and beyond!

A complete application consists of:

- 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
- One educational or professional recommendation. Your application will be considered incomplete, and will not be reviewed until one recommendation is submitted.

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

Application Deadline	1/15/2024 11:00:00 PM Eastern Time Zone
Description	***Applications will be reviewed on a rolling-basis.***

CDC Office and Location: A fellowship opportunity is available with the **Division of HIV Prevention (DHP) within** the National Center for HIV, Viral Hepatitis, STD, and TB Prevention (NCHHSTP), at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia.
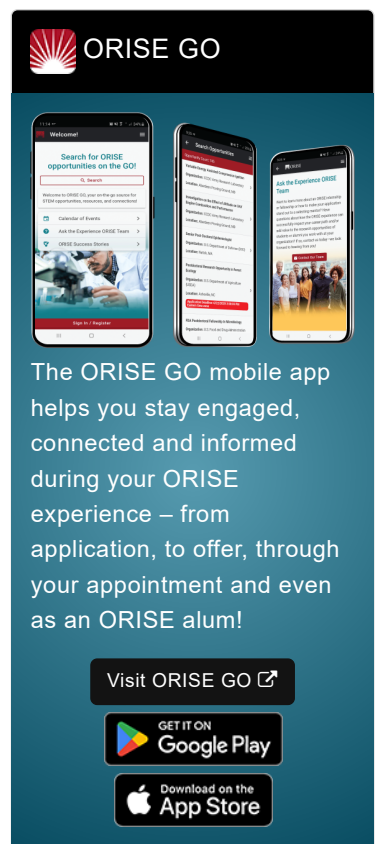
The Centers for Disease Control and Prevention (CDC) is one of the major operation components of the Department of Health and Human Services. CDC works to protect America from health, safety and security threats, both foreign and in the U.S. Whether diseases start at home or abroad, are chronic or acute, curable or preventable, human error or deliberate attack, CDC fights disease and supports communities and citizens to do the same.

Research Project: A fellowship opportunity is available on the Modeling, Economics, and Statistics Team within the Division of STD Prevention (DSTDP), of the National Center for HIV, Viral Hepatitis, STD, and TB Prevention (NCHHSTP) at the Centers for Disease Control and Prevention (CDC). This fellow will be trained on the key roles in supporting research development and statistical analyses specific to the mission of DSTDP. The primary purpose of this Fellowship is to learn quantitative research that influences and promotes public health outcomes. The Fellow will primarily learn how to conduct analyses of large datasets for the purposes of studying STD burden, determinants, and sequelae. The person in this role will learn how to develop research proposals, conduct relevant statistical analyses, write research papers for peer-reviewed public health and medical journals, and to strategically plan for research that will lead the field of STD Prevention to improved more equitable outcomes.

Learning Objectives:

Specific projects could include:

zintellect
climb higher

Opportunity Title: CDC NCHHSTP Statistician Fellowship in Modeling, Economics, and Statistics Team; Clinical Economics and Health Services Research Branch
Opportunity Reference Code: CDC-NCHHSTP-2023-0261

- Supporting DSTDP laboratory analyses, involving sample size and power calculations, data management and summary statistics, exploring correlation, computing reproducibility rates and performing related hypothesis testing, comparing different RPR/TPPA tests, pairwise comparisons (parametric/nonparametric), and percent agreement and chance-adjusted agreement measures.
- Supporting analyses using complex surveys, such as the National Health and Nutrition Examination Survey (NHANES) and the National Survey of Family Growth (NSFG)
- Specific activities related to the above projects could include:
- Learn how to develop research questions.
- Learn how to identify, review, and analyze complex datasets to answer research questions.
- Learn how to develop materials to explain public health programs to the general public and to specific groups.
- Learn how to strategically plan for and identify areas of emerging research that will be of relevance and importance to the mission and activities of the Division of STD Prevention, as well as public health at large.
- Learn about the differences and similarities of both public health and medicine and identify areas of synergy between the two fields

Mentor(s): The mentor for this opportunity is Ian Spicknall (xfu0@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: Winter/Spring 2024. Start date is flexible and will depend on a variety of factors.

Appointment Length: The appointment will initially be for one year, but may be renewed upon recommendation of CDC and is contingent on the availability of funds.

Level of Participation: The appointment is full time.

Participant Stipend: The participant will receive a monthly stipend commensurate with educational level and experience.

Citizenship Requirements: This opportunity is available to U.S. citizens.

ORISE Information: This program, administered by ORAU through its contract with the U.S. Department of Energy (DOE) to manage the Oak Ridge Institute for Science and Education (ORISE), was established through an interagency agreement between DOE and CDC. Participants do not become employees of CDC, DOE or the program administrator, and there are no employment-related benefits. Proof of health insurance is required for participation in this program. Health insurance can be obtained through ORISE.

The successful applicant(s) will be required to comply with Environmental, Safety and Health (ES&H) requirements of the hosting facility, including but not limited to, COVID-19 requirements (e.g. facial covering, physical

distancing, testing, vaccination).

Questions: Please visit our [Program Website](#). After reading, if you have additional questions about the application process please email [ORISE.CDC.NCHHSTP@orau.org](#) and include the reference code for this opportunity.

Qualifications The qualified candidate is preferred to have received a Master's or Doctorate degree in Biostatistics or Statistics.

- Experience managing, manipulating, and analyzing public health datasets using R.
- Experience conducting descriptive, inferential, associational, and/or predictive statistical analyses using R.
- Familiarity and/ or experience with research proposals including, statistical methodology, public health/medical data analyses, and writing for publication in peer-reviewed journals.
- Masters in Public Health including (MPH, MHA, or MBA) will be considered with strong analytic skills and medical or public health experience.

Eligibility Requirements
- **Citizenship:** U.S. Citizen Only
- **Degree:** Master's Degree or Doctoral Degree received within the last 60 month(s).
- **Discipline(s):**
  - **Life Health and Medical Sciences** (7 👁)
  - **Mathematics and Statistics** (2 👁)
  - **Social and Behavioral Sciences** (3 👁)
- **Veteran Status:** Veterans Preference, degree received within the last 120 month(s).

Affirmation I certify that I have not previously been employed by CDC or by a contractor working directly for CDC. I understand that CDC does not permit individuals with a prior employment relationship with CDC or its contractors to participate as trainees in the ORISE program. (Exceptions may be granted for individuals who, since the previous CDC employment, have obtained a new STEM degree which necessitates training in a new field.)