Opportunity Title: CDC Clinical Research, Epidemiology, and Outreach Fellowship

Opportunity Reference Code: CDC-NCEZID-DHCPP-2024-0053

Organization	Centers for Disease Control and Prevention (CDC)
Reference Code	CDC-NCEZID-DHCPP-2024-0053

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- 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.

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Application Deadline   9/30/2024 3:00:00 PM Eastern Time Zone

Description   ***Applications will be reviewed on a rolling-basis.***

CDC Office and Location: A fellowship opportunity is currently available in the Chronic Viral Diseases Branch (CVDB) within the Division of High-Consequence Pathogens and Pathology (DHCPP) of the National Center for Emerging and Zoonotic Infectious Diseases (NCEZID) 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.

CVDB's mission is to control and prevent diseases associated with human papillomavirus (HPV) and medically unexplained fatiguing illnesses (e.g., Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS), Long COVID ME/CFS-like illness) in collaboration with community, state, national and international partners.
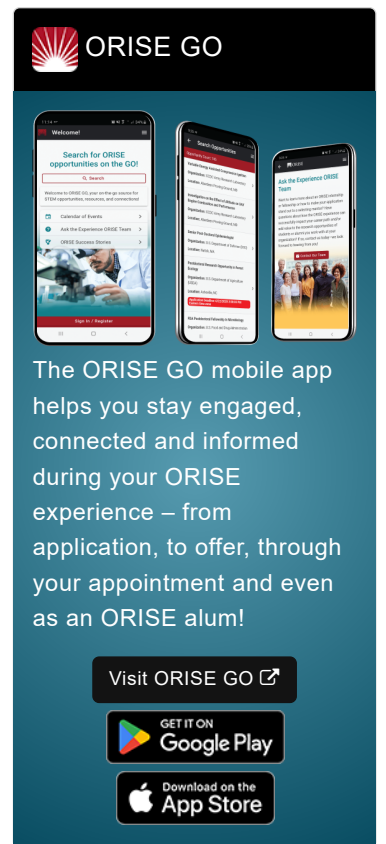
Research Project: Joining the Clinical Research, Epidemiology, and Outreach (CREO) team at CVDB, the selected participant will provide epidemiological and statistical and/or data application support for the research in ME/CFS or Long COVID ME/CFS-like illness.

Learning Objectives: Under the guidance of a mentor, learning opportunities may include:

- Co-designing and implementing computational modeling applications to clinical epidemiologic data
- Supporting CVDB members with IRB and OMB submissions
- Helping efforts in analytical studies and using results to adapt clinical

epidemiology and public health related programs
- Preparing scientific articles and reports for publication and conference presentation
- Participating in CDC research activities and special investigations related to ME/CFS
- Co-presenting results and findings to other scientists and public health researchers within and outside CDC

Mentor(s): The mentor for this opportunity is Jin-Mann Sally Lin (dwe3@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: 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: Stipend rates may vary based on numerous factors, including opportunity, location, education, and experience. If you are interviewed, you can inquire about the exact stipend rate at that time and if selected, your appointment offer will include the monthly stipend rate.

Citizenship Requirements: This opportunity is available to U.S. citizens and Lawful Permanent Residents (LPR) only.

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.NCEZID@orau.org and include the reference code for this opportunity.

Qualifications The qualified candidate should be currently pursuing or have received a doctoral degree in the one of the relevant fields (e.g. statistics, mathematics, bioinformatics, computer science, data science, epidemiology, or data-related field). Degree must have been received within the past five years or anticipated to be received by June 30, 2024.

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Preferred skills:

- Experience using SAS, R, Python, or other programming languages
  (e.g., classical statistical modeling, machine learning, bioinformatics
  computational modeling, etc.)
- Knowledge of mathematical, statistical, or stochastic models.
- Experience in big data application is a plus.
- Experience in public health research is a plus.

Eligibility Requirements

- **Citizenship:** LPR or U.S. Citizen
- **Degree:** Doctoral Degree received within the last 60 months or
  anticipated to be received by 6/30/2024 11:59:00 PM.
- **Discipline(s):**
  - **Computer, Information, and Data Sciences** (1 👁)
  - **Life Health and Medical Sciences** (3 👁)
  - **Mathematics and Statistics** (4 👁)
  - **Social and Behavioral Sciences** (1 👁)

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.)