

Opportunity Title: CDC Birth Defects Surveillance and Research Fellowship

Opportunity Reference Code: CDC-NCBDDD-2021-0074-A

Organization Centers for Disease Control and Prevention (CDC)

Reference Code CDC-NCBDDD-2021-0074-A

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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 5/28/2021 3:00:00 PM Eastern Time Zone

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

CDC Office and Location: Three research opportunities are currently available in the Division of Birth Defects and Infant Disorders (DBDID), within the National Center on Birth Defects and Developmental Disabilities (NCBDDD) at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia.

NCBDDD's mission is to improve the health of children and adults by preventing birth defects and developmental disabilities, and complications of heredity blood disorders; promoting optimal child development, and the health and wellness among children and adults living with disabilities. Participants will train within the Birth Defects Monitoring and Research Branch or the Infant Outcomes Monitoring, Research, and Prevention Branch. The DBDID conducts birth defects surveillance and research into the possible causes and long term outcomes of birth defects, emerging threats to infants/pregnant women, intervention and prevention activities.

Research Project: The purpose of this fellowship program is to provide an educational experience to individuals interested in the field of public health and reproductive and birth defects epidemiology. Opportunities are aimed at furthering the health communication science, epidemiological and analytical knowledge of participants. Participants are assigned to train on various projects and can expect to gain valuable learning experiences in the development, implementation, and evaluation of health communication campaigns, surveillance and research study management, database cleaning, data analyses, intervention, prevention strategies, interpretation of the results, writing manuscripts and giving oral presentations.

Learning Objectives: Participant training involves some or all of the following:

- literature searches
- participation in surveillance and research projects
- translation of scientific research and data into consumer-focused materials
- development and evaluation of social media
- website management
- use of statistical software, analyses of data and summarization of findings



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- intervention and prevention activities
- utilization of MarketScan or other claims or health record data
- assessing risk factors for birth defects and the long term morbidity and mortality of infants born with birth defects
- verbal and written presentations of epidemiologic studies or surveillance activities at scientific conferences
- preparation of scientific manuscripts, posters, presentations, and fact sheets, and other information

Mentor(s): The mentors for these opportunities are Laura Pabst (lnw9@cdc.gov) and Bill Paradies (wep2@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: Spring 2021. 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 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.

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




Qualifications The qualified candidate should have received a master's degree in one of the relevant fields, or be currently pursuing the degree with completion by the end of May 2021. Degree must have been received within five years of the appointment start date.

Preferred skills:

- Strong writing, verbal, and interpersonal skills.
- Experience in:
 - qualitative and quantitative research using SAS, SPSS, R, SUDAAN or other statistical software
 - reference management software
 - claims data (MarketScan, HCUP, Medicaid Max), or other large datasets
 - communication principles, methods, practices, techniques, and analytical methods to execute and measure health communication campaigns and outreach efforts
- Background in epidemiology or maternal and child health

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- Eligibility Requirements**
- **Citizenship:** U.S. Citizen Only
 - **Degree:** Master's Degree received within the last 60 months or anticipated to be received by 5/31/2021 11:59:00 PM.
 - **Academic Level(s):** Graduate Students or Post-Master's.
 - **Discipline(s):**
 - **Communications and Graphics Design** ([2](#) )
 - **Life Health and Medical Sciences** ([15](#) )
 - **Mathematics and Statistics** ([3](#) )