

**Opportunity Title:** CDC Birth Defects Monitoring and Research Branch (BDMRB)

Research Fellowship

**Opportunity Reference Code:** CDC-NCBDDD-2023-0149

**Organization** Centers for Disease Control and Prevention (CDC)

**Reference Code** CDC-NCBDDD-2023-0149

**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** 7/31/2023 3:00:00 PM Eastern Time Zone

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

**CDC Office and Location:** A research opportunity is currently available with the Infant Outcomes Monitoring Research, and Prevention Branch (IOMRB) within the National Center on Birth Defects and Developmental Disabilities (NCBDDD) at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia.

NCBDDD seeks to promote the health of babies, children, and adults with disabilities. The work of NCBDDD includes identifying the causes of birth defects and developmental disabilities, helping children to develop and reach their full potential, and promoting health and well-being among people of all ages with disabilities. Specifically, these opportunities are currently available within the Division of Human Development and Disability's Child Development and Disability Branch (CDDB), Applied Research and Evaluation Team. CDDB leads inclusive programs, surveillance, and research to optimize the health and development of children with, or at risk for, developmental delays, disorders, or disabilities which affect 1 in 6 U.S. children.

**Research Project:** The Birth Defects Monitoring and Research Branch conducts surveillance and research into the possible causes and long-term outcomes of birth defects and rare conditions, intervention and prevention activities. The Infant Outcomes Monitoring Research, and Prevention Branch conducts surveillance and research to decrease substance exposure in pregnancy and respond to emerging threats that impact infant health to improve the care and outcomes for mothers and babies, intervention and prevention activities. The purpose of this training fellowship program is to provide an educational experience to individuals interested in the fields of public health, epidemiology, and birth defects and other infant disorders. Opportunities are aimed at furthering the epidemiological and analytical knowledge of participants and learning to

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communicate findings to other researchers and the public. Participants are assigned to train on various projects and can expect to gain valuable experiences in the development, implementation, and evaluation of surveillance and research activities such as study management, database cleaning, data analyses, interpretation of the results, writing manuscripts and developing poster and oral presentations.

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

- Literature searches
- Participation in surveillance and research projects
- Data management and data cleaning
- Analyses of data and summarization of findings by using statistical software (SAS, R, SUDAAN, and/or similar programs)
- Analyses of healthcare claims or electronic health record data
- Coordination and participation in meetings
- 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 mentor for this opportunity is Karrie Downing ([yyx9@cdc.gov](mailto:yyx9@cdc.gov)). If you have questions about the nature of the research please contact the mentor.

**Anticipated Appointment Start Date:** July 31, 2023. 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 up to a total of five years 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, Lawful Permanent Residents (LPR), and foreign nationals. Non-U.S. citizen applicants should refer to the [Guidelines for Non-U.S. Citizens Details page](#) of the program website for information about the valid immigration statuses that are acceptable for program participation.

**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.

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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.NCBDDD@orau.org](mailto: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 before the appointment start date. Degree must have been received within five years of the appointment start date.

Preferred Skills:

- Strong writing, verbal, and interpersonal skills.
- Experience in quantitative analysis using SAS, R, or other statistical software, and performing analyses on largedatasets.
- Experience conducting literature reviews and using reference management software (i.e., EndNote).
- Experience in developing PowerPoints and other communications materials.
- Background and/or interest in epidemiology and maternal and child health.

**Eligibility Requirements**

- **Degree:** Master's Degree received within the last 60 months or currently pursuing.
- **Academic Level(s):** Graduate Students or Post-Master's.
- **Discipline(s):**
  - **Communications and Graphics Design** ([6](#) 👁)
  - **Life Health and Medical Sciences** ([14](#) 👁)
  - **Mathematics and Statistics** ([3](#) 👁)

**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.)