

**Opportunity Title:** CDC Birth Defects Surveillance and Research Fellowship

**Opportunity Reference Code:** CDC-NCBDDD-2020-0121

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

**Reference Code** CDC-NCBDDD-2020-0121

**How to Apply** 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.

If you have questions, send an email to [ORISE.CDC.NCBDDD@oraui.org](mailto:ORISE.CDC.NCBDDD@oraui.org). Please include the reference code for this opportunity in your email.

**Application Deadline** 6/1/2020 3:00:00 PM Eastern Time Zone

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

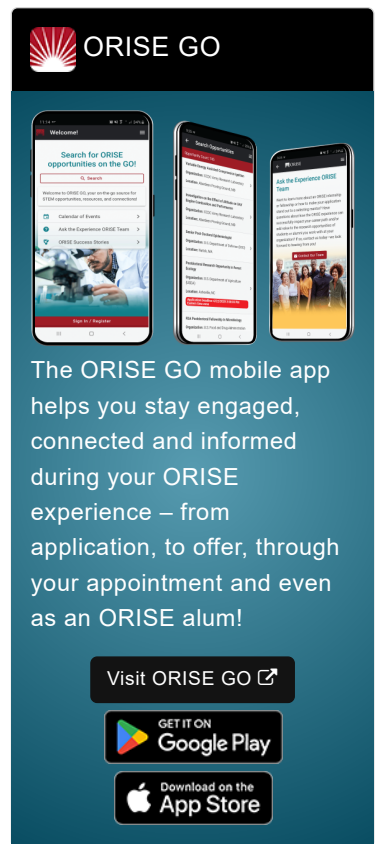
Three research opportunities are currently available with the Birth Defects Monitoring and Research Branch of the National Center on Birth Defects and Developmental Disabilities (NCBDDD) at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia.

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. The Birth Defects Monitoring and Research Branch conducts birth defects surveillance and research into the possible causes and long term outcomes of birth defects. 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 science, epidemiological and analytical knowledge of participants. Under the direction of senior scientists, participants will train within the Birth Defects Monitoring and Research Branch in the analysis of public health data, and learn about how surveillance and research can impact public health policy. Participants are assigned to train on various projects and can expect to gain valuable learning experiences in surveillance and research study management, database cleaning, data analyses, and interpretation of the results, writing manuscripts and giving oral presentations. They will get an overview of the practice and application of public health policy used to support public health programs. Participant training involves:

- literature searches
- review of databases
- use of statistical software
- analyses of data and summarization of findings
- participation in surveillance and research projects
- preparation of scientific manuscripts, posters, presentations, and fact sheets, and other information
- utilization of MarketScan or other claims or health record data
- determining the effects of medications during pregnancy
- assessing risk factors for birth defects
- assessing the long term morbidity and mortality of infants born with birth defects or neonatal





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abstinence syndrome

- verbal and written presentations of epidemiologic studies or surveillance activities at scientific conferences
- development of manuscripts for disseminating the results in peer-reviewed publications

**Anticipated Appointment Start Date: July 1, 2020**



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 can be up to 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, DOE or the program administrator, and there are no employment-related benefits.

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

Preferred Skills:

- Experience in qualitative and quantitative research using SAS, SPSS, R or other statistical software
- Experience with reference management software
- Experience with claims data (Marketscan, HCUP, Medicaid Max)

**Eligibility Requirements**

- **Citizenship:** U.S. Citizen Only
- **Degree:** Master's Degree received within the last 60 months or anticipated to be received by 7/1/2020 11:59:00 PM.
- **Academic Level(s):** Graduate Students or Post-Master's.
- **Discipline(s):**
  - **Life Health and Medical Sciences** ([15](#) )
  - **Mathematics and Statistics** ([3](#) )