

**Opportunity Title:** CDC Data Analysis Fellowship  
**Opportunity Reference Code:** CDC-NCBDDD-2021-0030

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

**Reference Code** CDC-NCBDDD-2021-0030

**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.

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** 1/11/2021 3:00:00 PM Eastern Time Zone

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

Three research opportunities are currently available in the Division of Birth Defects and Infant Disorders, 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. 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 research opportunity 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 will train within the Birth Defects Monitoring and Research Branch in the analysis of public health data, and learn about the design, implementation, and evaluation of public health communication products and activities. 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, interpretation of the results, writing manuscripts and giving oral presentations. Participant training involves most or all of the following:

- literature searches
- 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
- participation in surveillance and research projects
- preparation of scientific manuscripts, posters, presentations, and fact sheets, and other



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information

- 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

**Anticipated Appointment Start Date: March 1, 2021**

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 or doctoral degree in one of the relevant fields, or be currently pursuing one of the degrees and will reach completion by December 2020. 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
- Experience in communication principles, methods, practices, techniques, and analytical methods to execute and measure health communication campaigns and outreach efforts

**Eligibility Requirements**

- **Degree:** Master's Degree or Doctoral Degree received within the last 60 months or anticipated to be received by 12/31/2020 11:59:00 PM.
- **Discipline(s):**
  - **Communications and Graphics Design** ([1](#))
  - **Computer, Information, and Data Sciences** ([2](#))
  - **Life Health and Medical Sciences** ([3](#))
  - **Mathematics and Statistics** ([2](#))
  - **Social and Behavioral Sciences** ([6](#))