

Opportunity Title: CDC Genomics and Public Health Fellowship Program 2024

Opportunity Reference Code: CDC-NCBDDD-2023-0226

Organization Centers for Disease Control and Prevention (CDC)

Reference Code CDC-NCBDDD-2023-0226

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

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

CDC Office and Location: Multiple research opportunities are currently available in the National Center on Birth Defects and Developmental Disabilities (NCBDDD) at the Centers for Disease Control and Prevention (CDC) located in Atlanta, Georgia.

Research Project: Under the guidance of a mentor, the participant will train on opportunities that may include:

- Contributing to projects that aim to incorporate or enhance the use of human genomics in existing public health programs, including public health surveillance and applied research
- Participating in data analysis and evaluation of ongoing CDC initiatives in human genomics and public health
- Conducting systematic reviews of the literature on the use of human genomics in public health
- Contributing to the development, execution and analysis of health equity science projects in human genomics and public health
- Contributing to the development of scientific abstracts, blog posts, web pages, and scientific papers on human genomics and public health

Learning Objectives:

- Learning public health approaches and health equity principles for applying human genomics to public health programs
- Learning to conduct systematic reviews for topics related to the use of human genomics in public health
- Learning data analysis, synthesis and evaluation in the integration of human genomics in public health
- Learning health communication approaches about the use of human genomics in public health



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Mentor(s): The mentor for this opportunity is Muin Khoury (muk1@cdc.gov). If you have questions about the nature of the research please contact the mentor.

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: 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.

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@ornl.gov and include the reference code for this opportunity.

Qualifications The qualified candidate should be currently pursuing or have received a master's or doctoral degree in one of the relevant fields (e.g. Behavioral Science, Communication, Social Science, Bioinformatics, Data Science, Biostatistics, Health Policy, Health Management, Human Genetics, Genomics). Degree must have been received within five years of the appointment start date.

Preferred skills:

- Excellent written and oral communication skills
- Technical skills

Eligibility Requirements

- **Degree:** Master's Degree or Doctoral Degree received within the last 60 months or currently pursuing.
- **Discipline(s):**

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- **Chemistry and Materials Sciences** ([12](#))
- **Communications and Graphics Design** ([2](#))
- **Computer, Information, and Data Sciences** ([17](#))
- **Earth and Geosciences** ([21](#))
- **Engineering** ([27](#))
- **Environmental and Marine Sciences** ([14](#))
- **Life Health and Medical Sciences** ([48](#))
- **Mathematics and Statistics** ([11](#))
- **Other Non-Science & Engineering** ([2](#))
- **Physics** ([16](#))
- **Science & Engineering-related** ([2](#))
- **Social and Behavioral Sciences** ([28](#))

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.)