

Molecular Epidemiology Fellowship (MEF):

Join a trailblazing fellowship and develop your career as a Molecular Epidemiologist in public health

Overview

CDC's Molecular Epidemiology Fellowship (MEF) program is designed to **train molecular epidemiologists** and leaders in public health by expanding career potential for laboratory scientists with experience in generating or analyzing genomic data and bioinformaticians with laboratory experience, providing training in applied epidemiology and opportunities to conduct molecular epidemiology work.

The mission of the MEF program is to equip laboratory scientists and bioinformaticians with the knowledge to interpret and apply genomic data for infectious diseases to accomplish the following:

- Detect outbreaks faster
- Identify outbreaks that otherwise would go undetected
- Recognize and classify the sources of outbreaks
- Guide an investigation by confirming or refuting transmission among epidemiologically linked cases
- Monitor and predict variant emergence and spread
- Address data modernization needs involving managing and sharing genomic data elements and linking them with epidemiological data
- Adapt to emerging technologies like metagenomics for routine public health use

MEF is a 2-year program that seeks to amplify expertise by matching fellows to host sites that provide experiential training in outbreak investigations and surveillance activities. MEF fellows are assigned two supervisors. The primary supervisor is an experienced epidemiologist in the assigned host site. The secondary supervisor is an experienced laboratory scientist in the corresponding laboratory program. Fellows also will take classes and attend lectures with established public health educators and can participate in trainings and seminars with laboratory scientists, public health advisors, bioinformaticians, and data scientists at CDC.

Graduating from MEF opens doors for specialized/niche career development, leadership opportunities, and career advancement. COME JOIN OUR TEAM!

Compensation

Appointment Type - Upon initial appointment, the Title-42* fellowship entry grade will be set comparable to the Federal Government General Schedule (GS) base pay rate equivalent of GS-12 step 3 for doctoral-level fellows and GS-11 step 3 for Masters-level fellows, regardless of previous experience and compensation. HR will set final compensation level to include locality pay. Currently, the fellowship is located in Atlanta, Georgia. Other locations such as state and local public health departments may be added as approved host sites in the future.

Program benefits include:

- Competitive Stipends and benefits
- Training led by educational and professional subject matter experts
- Highly sought-after niche skill set

Current permanent Civil servants hired under Title 5, Title 42, or other similar hiring authority would need to leave their current mechanism of employment/training to participate in this term-limited fellowship.

Eligibility

The program is open to all laboratory scientists with experience in generating or analyzing genomic data and bioinformaticians with laboratory experience, with a minimum of a MS degree.

Please confirm that you have read, understand, and meet the eligibility requirements above before proceeding with this application:

I confirm that I have read, understand, and meet the eligibility requirements.

I cannot confirm that I meet the eligibility requirements above.

Basic Information

Below you will enter your contact information and gain information on how to submit the application and appropriate documents, as requested.

Full Name *

Preferred Email *

Preferred Phone #: *

Personal Statements

We want to learn more about your motivations and interest in the Molecular Epidemiology Fellowship. Please answer the following. ***Prompts limit the word count to 500***

What experiences have you had that drove you to continue your education in the direction of public health, specifically epidemiology? *

Please describe how a training experience in epidemiology and applied molecular epidemiology will help you better address public health challenges. *

Molecular Epidemiology Fellowship (MEF) Host Sites

Host site information will be provided for final candidates. Based on candidates' readings, interests, and program descriptions, selected host sites can be ranked depending on preference. However, the candidate's answer does not guarantee that placement will align with the candidate's program preference.

Additional Questions

To help us further expand this unique opportunity, you can answer the following questions on this page.

*The questions on this page will not impact your competitiveness, and you can skip any questions. *

How did you first come to know of the Molecular Epidemiology Fellowship?

What other CDC programs would you like to see host a Molecular Epidemiology Fellow?

How to Apply

Along with this application, you must submit your resume or CV (Microsoft Word or PDF format) and undergraduate/graduate transcripts, to be considered for the Molecular Epidemiology Fellowship. However, not required, other supporting documents may be submitted, such as previous research, publications, and letter of reference.

All documents should be submitted in one email to the MEF mailbox, noted below. Following submission, you will receive a confirmation of your application.

Thank you for taking the time to fill out this application. Please email all questions and the application package to, Mol-EpiFellowship@cdc.gov.

APPLICATION DEADLINE: 4/1/23 by 5:00 pm EST