

# MOLECULAR EPIDEMIOLOGY FELLOWSHIP (MEF) HOST SITE APPLICATION

Thank you for your interest in applying as a host site for the next Molecular Epidemiology Fellowship Program cycle. All interested programs are eligible to apply. Information entered here will be assessed and used to create an opportunity description for applicants.

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 epidemiologic data
- Adapt to emerging technologies like metagenomics for routine public health use

**Note: MEF will provide salary and benefits for up to two years for selected MEF Fellows. Travel, training, and fees for relevant MEF activities will also be supported upon MEF program approval. Additionally, MEF will support primary supervisors (epidemiologists) and secondary supervisors (laboratory scientist) to help promote experiences that engage fellows to fulfill their CALs.**

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## Section A: Host Site Information

Section A is for general information about your site.

Name of CIO, Division, and Branch:

Add any other relevant Information:

**Please describe your site facility and operations concerning the following criteria:**

- Nature and scope of work performed, number and type of staff, areas of demonstrated expertise, number/types of publications, etc.
- Workplace support: Describe the fellow's access to laboratory workspace, office workspace, computer access, and administrative support.
- Site collaborations: List relevant groups and organizations with which you maintain primary working relationships within or outside the CDC.
- Outside of the training experience within your site, list educational/training opportunities in which the fellow might participate (this may include meetings, conferences, site visits, outbreak investigations, classes, etc.).
- Describe how your program has addressed diversity, equity, inclusion, and accessibility in the workplace.

## **Section B: Proposed Project(s)**

Describe proposed training and research projects for a prospective fellow. Include the scope of work, deliverables, projects, and/or training activities in which the fellow will be involved and expected outcomes (publications, presentations, etc.). Also, add how the assignment (s) will benefit the fellow's professional development.

## Section C: Primary and Secondary Supervisor Application

Primary  
Supervisory  
(Epidemiology)  
Name:

Primary  
Supervisory  
(Epidemiology)  
Title:

Phone:

Email:

Secondary  
Supervisor  
(Laboratory)  
Name:

Secondary  
Supervisor  
(Laboratory) Title:

Phone:

Email:

**Primary Supervisor:** Below provide a brief description of your primary area of expertise, current responsibilities, experience mentoring public health professionals, and knowledge and abilities that qualify you to serve as a supervisor, including previous mentoring and supervisory experience.

**Secondary Supervisor:** Below provide a brief description of your primary area of expertise, current responsibilities, experience mentoring public health professionals, and knowledge and abilities that qualify you to serve as a supervisor, including previous mentoring and supervisory experience.

**A completed application package has this application and both primary and secondary supervisors' current resume or curriculum vitae (two pages maximum). Please send this application package consisting of all supporting materials to the MEF mailbox. [Mol-EpiFellowship@cdc.gov](mailto:Mol-EpiFellowship@cdc.gov)**