



APHL-CDC Antimicrobial Resistance Laboratory Fellowship Program

The [Association of Public Health Laboratories \(APHL\)](#) and the [US Centers for Disease Control and Prevention \(CDC\)](#) are seeking applicants who are interested in starting an exciting new career to combat the growing threat of antimicrobial resistance (AR) while working collaboratively with public health leaders and developing professional networks. The AR Laboratory Fellowship program offers these opportunities and more, placing fellows on the front lines in public health laboratories (PHLs) and priming them for successful careers.



“It has been a unique and valuable experience to able to see both the lab side and the epidemiology response side to an outbreak investigation.”

— Abby Hoffman, MS
Antimicrobial Resistance Laboratory Fellow



Apply by
**February 28,
2021**



What are public health laboratories?

Public health laboratories are highly specialized governmental laboratories that monitor and detect health threats ranging from infectious diseases to environmental hazards, genetic disorders in newborns and biological terrorist agents. The highly trained scientists in these laboratories serve as disease detectives, monitoring communities for harmful pathogens and responding to outbreaks when they occur. Working at the federal, state and local levels, PHLs form the backbone of a national laboratory network on alert 24/7 to respond to public health threats and emergencies.



What do AR Fellows Do?

AR fellows will work directly with mentors from their host PHL, who will outline the objectives of fellows' assigned projects and provide guidance for the duration of the program.

- Apply cutting edge technologies like next generation sequencing and MALDI-ToF mass spectrometry to detect and characterize AR
- Conduct phenotypic testing using conventional microbiology methods to detect newly emerging resistance mechanisms
- Respond to active outbreaks of AR threats like CRE and *Candida auris*
- Engage routinely with public health leaders at CDC and state public health agencies on complex AR problems
- Present their work in national forums including publications, webinars and conferences

Learn more about this
APHL-CDC Fellowship Program:
www.aphl.org/AR-Fellows

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