Are you ready to take your bioinformatics career to the next level?

The advent of high-throughput sequencing has revolutionized genomic epidemiology and is creating vast new opportunities for understanding the dynamics and control of infectious diseases. This growth in sequencing data brings with it an increased need for bioinformaticians. To help bridge the gap in expertise, the Association for Public Health Laboratories (APHL) and U.S. Centers for Disease Control and Prevention (CDC), Office of Advanced Molecular Detection (OAMD) are offering exciting fellowship opportunities for graduates of bioinformatics and related programs.

Fellowship Opportunities

APHL-CDC Bioinformatics Fellowships provide post-masters and post-doctoral level professionals the opportunity to apply their skills to a range of important and emerging public health problems, while gaining experience in their fields. These 12-month fellowships include a stipend, opportunities to participate in training and attend conferences, as well as other benefits. Post-doctoral fellows may extend for an additional 12 months, provided funding is available.

Work with world-class scientists on real-world public health projects

OAMD supports research in a variety of pathogen detection and surveillance areas, including antimicrobial resistance, healthcare-associated infections, foodborne and vector-borne pathogens, among others. As an APHL-CDC Bioinformatics Fellow, you will be paired with an experienced mentor, who shares your research goals or background. Your mentor will outline the objectives of your assignment and guide you throughout your fellowship term to help you gain the most from your time in the fellowship while working with vital genomic science data.

Gain valuable experience

CDC's AMD initiative is spearheading increased use of genomic sequencing in public health laboratories. Whether your specialty is metagenomics, algorithm/software development, microbial genomics, or another research area, we have a place for you.

Learn more

To learn more about the APHL-CDC Bioinformatics Fellowship program and apply, visit www.aphl.org/fellowships/Pages/Bioinformatics.aspx. To learn more about CDC's AMD initiative, visit www.cdc.gov/amd.

Follow us on Twitter: @CDC_AMD and @APHL

Jumpstart your career with an APHL fellowship in newborn screening bioinformatics

As newborn screening laboratories increasingly integrate molecular detection technologies (i.e., next generation sequencing) to better identify and improve treatment for newborns with heritable diseases, they produce large amounts of valuable data but currently possess limited bioinformatics expertise and resources to adequately analyze it. That's where you come in!

To address this unmet need in newborn screening laboratories, the Association of Public Health Laboratories (APHL) and U.S. Centers for Disease Control and Prevention (CDC), Newborn Screening and Molecular Biology Branch (NSMBB) are offering exciting fellowship opportunities for graduates of bioinformatics programs.

Fellowship Opportunities

APHL-CDC newborn screening bioinformatics fellowships provide post-masters and post-doctoral level professionals the opportunity to apply their skills to a range of important and emerging newborn screening bioinformatics issues, while gaining experience in their fields. These 1-to-2 years fellowships include a stipend, opportunities to participate in training and attend conferences, as well as other benefits.

Make a difference in the lives of children and families and work with state public health laboratorians

Newborn screening is the practice of screening every baby prior to hospital discharge for certain harmful or potentially fatal conditions that are not otherwise apparent at birth. Newborn screening allows these babies to be identified and treated before they get sick, preventing serious health problems or even death. It is the largest and most successful health promotion and disease prevention system in the country. As an APHL-CDC newborn screening bioinformatics fellow, you will be paired with an experienced mentor in a state public health laboratory, who shares your research goals, will outline the objectives of your project, and guide you throughout your fellowship term so you can gain the most from your fellowship experience.

Learn more

To learn more about the APHL-CDC newborn screening bioinformatics fellowship program, email Guisou Zarbalian (guisou.zarbalian@aphl.org). To learn more about APHL's Newborn Screening and Genetics Program, visit https://www.aphl.org/programs/newborn_screening. To learn more about CDC's Newborn Screening and Molecular Biology branch, visit www.cdc.gov/nceh/dls/nsmbb.