



EPIDEMIC INTELLIGENCE SERVICE 2024 ANNUAL UPDATE

Training health professionals in applied epidemiology since 1951

135 officers in 2023
and 2024 classes

4,089 alumni

1 mission 24/7

All data included in this report are as of March 2025.



U.S. CENTERS FOR DISEASE
CONTROL AND PREVENTION

EIS OFFICERS...



are doctoral scientists, nurses, physicians, veterinarians, and other health professionals.



complete a 2-year on-the-job training in applied epidemiology.



serve our country while gaining practical skills to become future public health leaders.



Lt. Megan Dorris (Class of 2023) records audio lectures for an online course on diagnosing and treating cholera.

ON THE JOB TRAINING



Field Investigations and Response



Epidemiologic Analyses



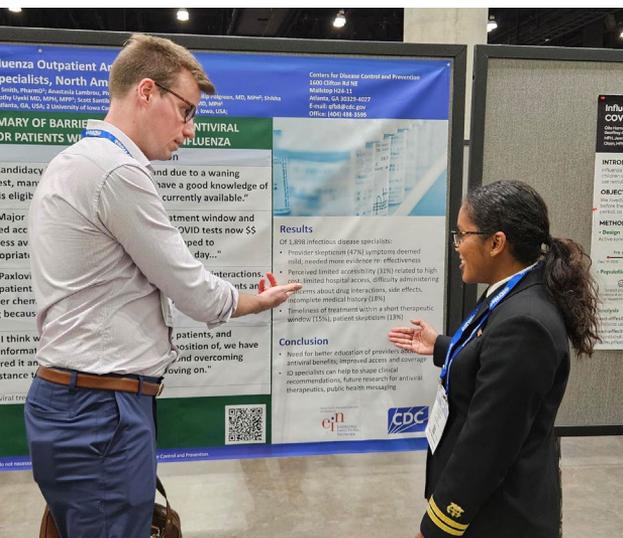
Oral Presentations



Peer-Reviewed Scientific Manuscripts and Abstracts



Surveillance System Evaluations



Class of 2023 officers Steven Langerman (left) and Lt. Souci Louis (right) discuss a poster Lt. Louis presented at the 2024 IDWeek meeting in Los Angeles, California.



Lt. Victoria Balta (Class of 2023) prepares to ride a snow machine between rural Alaska villages to draw blood from participants as part of a hepatitis B vaccine effectiveness study.

EIS Class of 2023 Professional Backgrounds

The 86 EIS officers in the class of 2023 were selected from 306 applicants.
 This class began their EIS fellowship in July 2023.



23 PHYSICIANS	
Additional degrees	Physician specialties
10 MPH	▪ Emergency medicine
2 MPH, MS	▪ Family medicine
1 MScPH	▪ Infectious disease
1 MPHTM	▪ Internal medicine
1 MS	▪ Internal medicine/pediatrics
1 MSc	▪ Internal medicine and HIV medicine
1 Mphil	▪ Pediatric infectious diseases
	▪ Pediatrics
	▪ Preventive medicine (General/Public Health)
6 NURSES	
Additional degrees	
1 PhD, MPH	1 MPH
2 PhD	1 MSPH
12 VETERINARIANS	
Additional degrees	
1 PhD, MPH	9 MPH
1 MPH, MA	
3 OTHER DOCTORAL-LEVEL HEALTH PROFESSIONALS	
Additional degrees	
1 PharmD, MPH	1 MPH, MMS
1 PharmD	

42 DOCTORAL SCIENTISTS	
Additional degrees	
26 MPH	1 MS, MEd
1 MPH, MPhil	1 MSc
1 MPH, MS	1 SM
4 MS	
Disciplines	
<ul style="list-style-type: none"> ▪ Biomedical Sciences ▪ Molecular Microbiology and Immunology ▪ Cell and Molecular Biology: Microbiology, Virology, and Parasitology ▪ Ecology and Evolutionary Biology ▪ Entomology ▪ Environmental Health Sciences ▪ Environmental Science and Health ▪ Epidemiologic Science ▪ Epidemiological Science ▪ Epidemiology ▪ Epidemiology and Biostatistics ▪ Human Development and Family Science ▪ Immunology and Microbiology ▪ International Health ▪ International Nutrition ▪ Microbiology and Immunology ▪ Microbiology, Immunology, and Physiology ▪ Public Health ▪ Systems Engineering ▪ Women's and Reproductive Health 	

EIS Class of 2024 Professional Backgrounds

The 49 EIS officers in the class of 2024 were selected from 316 applicants. This class began their EIS fellowship in July 2024.



9 PHYSICIANS	
Additional degrees	
3 MSc	Physician specialties
1 MPH	▪ Infectious Disease
1 MScPH	▪ Pediatrics
1 MS	▪ Internal Medicine
	▪ Emergency Medicine
	▪ Obstetrics and Gynecology
	▪ Surgery
6 NURSES	
Additional degrees	
2 DNP	
1 DNP, PhD, MSN	
1 DNP, MPH, MS	
1 MPH, MS	
1 MPH	
3 VETERINARIANS	
Additional degrees	
1 PhD	
1 PhD, MPH	
1 MPH	
2 OTHER DOCTORAL-LEVEL HEALTH PROFESSIONALS	
Additional degrees	
1 PharmD	
1 PharmD, MBA, MPH	

29 DOCTORAL SCIENTISTS	
Additional degrees	
13 MPH	1 MSc
4 MS	1 SM
3 MSPH	1 ScM
2 MA	
Disciplines	
▪ Biology	
▪ Entomology	
▪ Environmental Health Sciences	
▪ Epidemiology	
▪ Epidemiology and Microbial Diseases	
▪ Global Health Sciences	
▪ Health Services Research	
▪ Infectious Disease	
▪ Infectious Disease Epidemiology	
▪ Interdisciplinary Health Sciences	
▪ Microbiology	
▪ Neuroscience and Physiology	
▪ Pediatrics	
▪ Population Health Sciences	
▪ Public Health	
▪ Speech and Hearing Science	

EIS Class of 2025 Professional Backgrounds

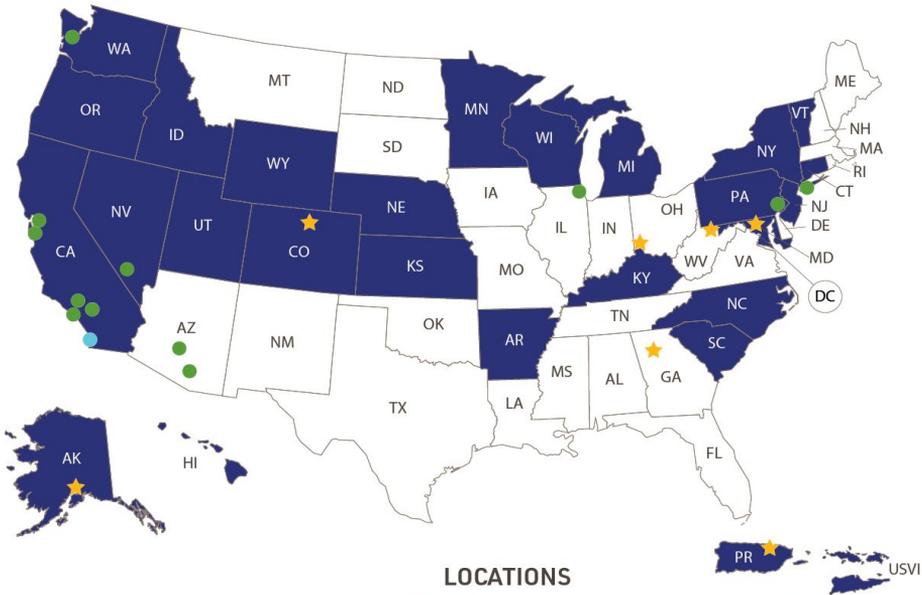
The 51 EIS officers in the class of 2025 were selected from 340 applicants. This class will begin their fellowship in 2025, pending approval of hiring.



17 PHYSICIANS	
Additional degrees	
1 PhD	Physician specialties
10 MPH	▪ Emergency Medicine
1 MSPH	▪ Family Medicine
1 MBA	▪ Infectious Disease
1 MSc	▪ Internal Medicine
	▪ Medical Microbiology
	▪ Obstetrics and Gynecology
	▪ Pathology
	▪ Pediatric Infectious Diseases
	▪ Pediatrics
	▪ Preventive Medicine
1 NURSE	
Additional degrees	
1 MPH, MS (Nursing, Midwifery)	
5 VETERINARIANS	
Additional degrees	
5 MPH	
3 OTHER DOCTORAL-LEVEL HEALTH PROFESSIONALS	
Additional degrees	
1 PharmD, MPH	1 PharmD
1 PharmD, MA	

25 DOCTORAL SCIENTISTS	
Additional degrees	
14 MPH	
1 MS, MPH	
1 MA, MPH	
1 MSPH	
2 MS	
1 MA	
1 MSc	
Disciplines	
▪ Anthropology	
▪ Social and Behavioral Sciences	
▪ Computer Science	
▪ Environmental Health Science	
▪ Epidemiology	
▪ Health Promotion	
▪ Infectious Disease Epidemiology	
▪ Molecular and Cellular Biology	
▪ Public Health	
▪ Quantitative Biosciences	
▪ Zoology	

WHERE EIS OFFICERS WORK



LOCATIONS

- State or territorial health departments (30 officers)
- City, county, tribal, and other partners (16 officers)
- ★ CDC headquarters and campuses (88 officers)
- Combined local and federal positions (1 officer)

2023 and 2024 EIS classes (135 officers)
86 in class of 2023 | 49 in class of 2024

Effective July 2024

CDC Host Site	Class of 2023	Class of 2024
Global Health Center	5	5
National Center on Birth Defects and Developmental Disabilities	3	1
National Center for Chronic Disease Prevention and Health Promotion	7	5
National Center for Emerging and Zoonotic Infectious Diseases	18	9
National Center for Environmental Health and the Agency for Toxic Substances and Disease Registry	2	0
National Center for Health Statistics	1	1
National Center for HIV, Viral Hepatitis, STD, and TB Prevention	4	3
National Center for Immunization and Respiratory Diseases	10	7
National Center for Injury Prevention and Control	1	2
National Institute for Occupational Safety and Health	2	0
Office of Minority Health	1	0
Office of Readiness and Response	1	0
State, local, county, city, tribal, territorial health department, or other partners	31	16
Total	86	49

Class of 2023 officers Kimberly Gressick (left) and John Le (right) review hospital records to gather information about an increase in overdoses in Chicago, Illinois.





FIELD INVESTIGATIONS

CDC disease detectives investigate public health problems such as infectious and noninfectious disease outbreaks, unexplained illnesses, or natural or man-made disasters. They also provide recommendations for addressing these challenges and protecting public health. This page reflects a sample of the rapid response work in Fiscal Year 2024.

Overdose Prevention



Epi-Aid 2024-003 Increase in fatal and non-fatal overdoses – Hoopa Valley, 2023

Helped the Hoopa Valley Tribal Council in Hoopa Valley, California, with an investigation into an increase in the number of fatal and non-fatal overdoses. This was done using a new data-gathering tool and by talking with community members and with providers who work in substance use prevention.

Healthcare-Associated Infections



Epi-Aid 2024-006 Investigation of an outbreak of *Klebsiella pneumoniae* Carbapenemase (KPC)-producing *Klebsiella variicola* in an acute care hospital – Virginia, 2023

Assisted the Virginia Department of Health with an investigation of an outbreak of *Klebsiella variicola* – bacteria that are resistant to many antibiotics. Officers investigated cases among patients to determine the source of the outbreak, observing how infection prevention and control practices were being followed, and reviewing medical records to put measures in place to stop the outbreak from spreading further.

Tuberculosis



Epi-Aid 2024-007 Tuberculosis outbreak in a high school – Chuuk, Federated States of Micronesia, 2023-2024

Assisted the Chuuk Tuberculosis Program in the Federated States of Micronesia investigate a tuberculosis outbreak among high school students. This involved testing students and staff for TB infection and analyzing data to better understand the situation.

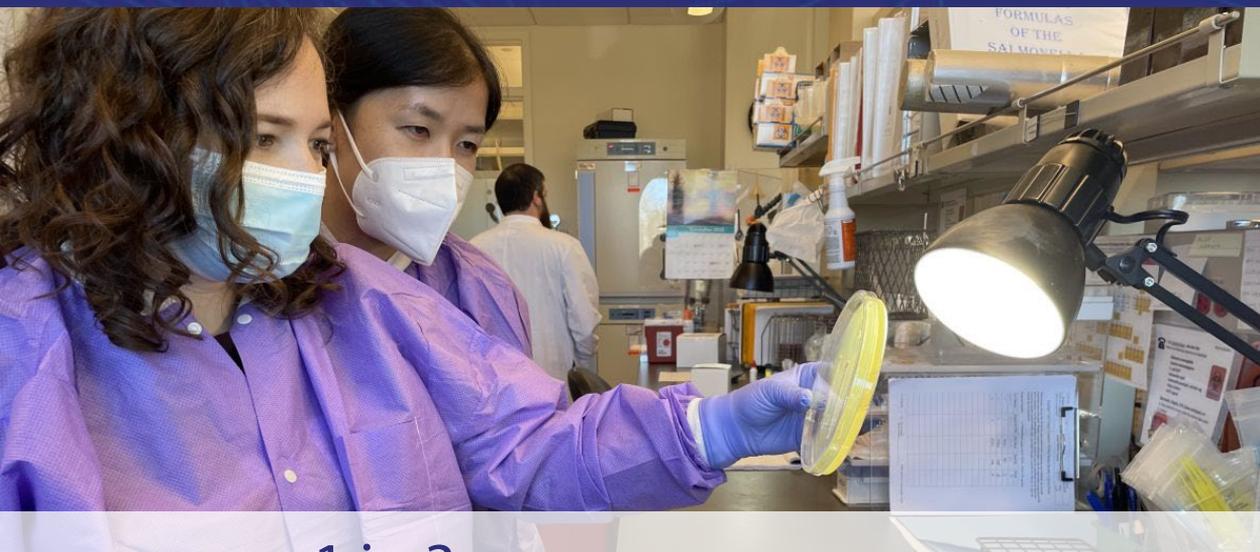
Lymphatic Filariasis



Epi-Aid 2024-019 Assessment of ongoing transmission of lymphatic filariasis in American Samoa – 2024

Helped the American Samoa Department of Public Health carry out a survey across the territory to check for ongoing cases of lymphatic filariasis in households.

BEYOND EIS



1 in 3 state epidemiologists are EIS alumni



Over 90% of recent EIS graduates continue in public health-related positions



To learn more, visit www.cdc.gov/eis