



# EPIDEMIC INTELLIGENCE SERVICE 2022 ANNUAL UPDATE

Training epidemiologists at the forefront of public health since 1951

155 current officers in  
2021 and 2022 classes

4,033 alumni

1 mission 24/7



U.S. Department of  
Health and Human Services  
Centers for Disease  
Control and Prevention

# EIS OFFICERS...



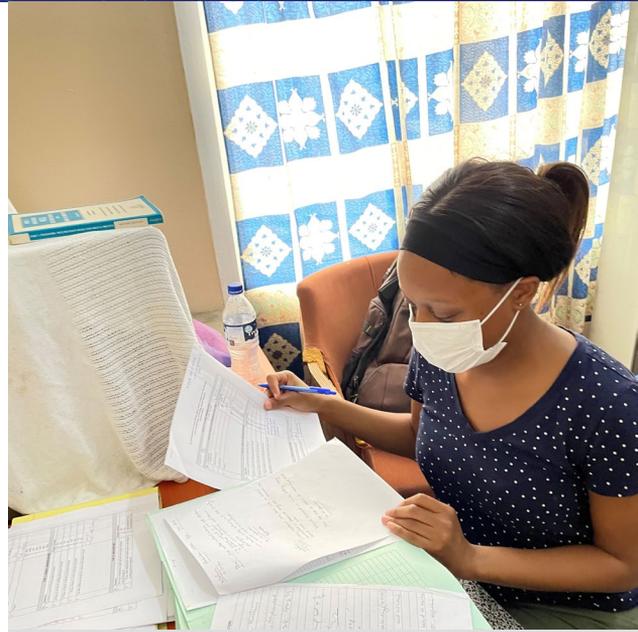
are doctoral scientists, nurses, physicians, veterinarians, and other health professionals.



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



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



Freddy Lamar (EIS class of 2022) extracts data from medical records obtained at a local hospital during an Epi-Aid investigation of acute kidney injury (AKI) in children in The Gambia.

## ON THE JOB TRAINING



**Field Investigations and Response**



**Epidemiologic Analyses**



**Oral Presentations**



**Peer-Reviewed Scientific Manuscripts and Abstracts**



**Surveillance System Evaluations**



Peter DeJonge (EIS class of 2021) extracts lymph nodes from a deceased deer in Wisconsin as part of the state's annual surveillance for Chronic Wasting Disease.



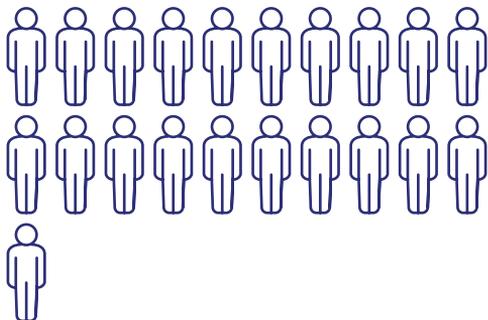
Dipesh Solanky (EIS class of 2021) reviews materials at a COVID-19 and tuberculosis screening checkpoint outside an HIV clinic in Abuja, Nigeria. Solanky was deployed to provide technical assistance in infection prevention and control.

# MEET THE EIS CLASS OF 2022

The 86 EIS officers in the class of 2022 were selected from 327 applicants.

## CLINICAL

### 21 PHYSICIANS



8 MPH

6 other master's degrees

#### Physician specialties

- Emergency Medicine
- Family Medicine
- Infectious Disease
- Internal Medicine
- Pediatric Infectious Diseases
- Pediatrics
- Psychiatry

### 5 NURSES



1 MN, DNP & Graduate Certificate in Global Health

1 MPH, DNP & Graduate Certificate in Global Health

3 MPH

### 9 VETERINARIANS



3 PhD

4 MPH

2 other master's degrees

### 3 OTHER DOCTORAL-LEVEL HEALTH PROFESSIONALS



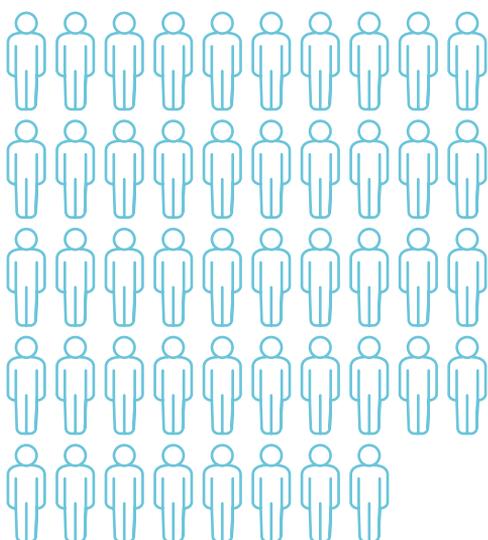
1 MPA & MPH

1 PharmD & MPH

1 DDS, MPH, Graduate Certificate in Dental Public Health

## NON-CLINICAL

### 48 DOCTORAL SCIENTISTS



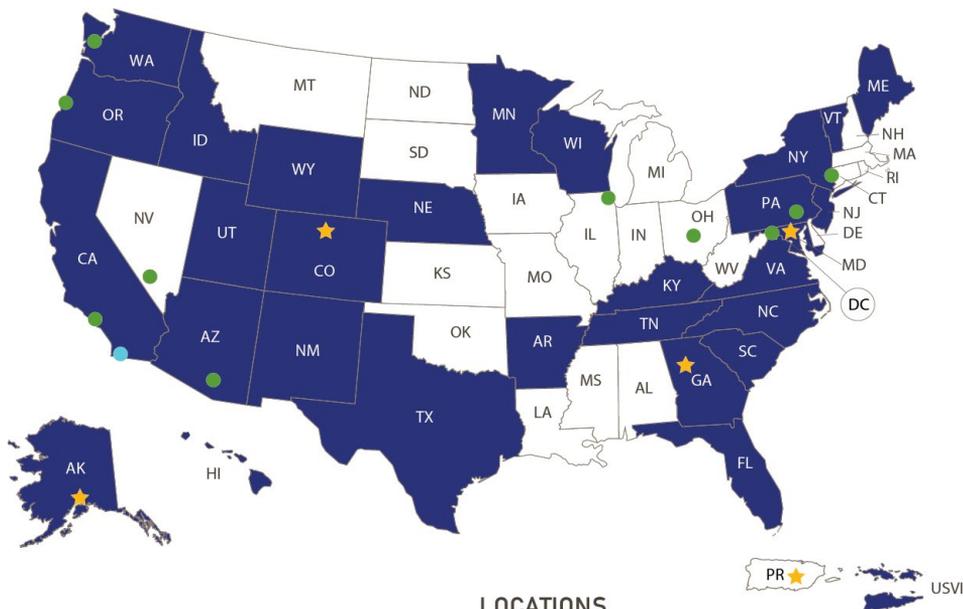
25 MPH/MSPH/MScPH

20 other master's degrees

#### Doctoral degree disciplines

- Anthropology
- Behavioral, Social, and Health Education Sciences
- Biological and Biomedical Science
- Biological Sciences in Public Health
- Communication Sciences and Disorders
- Community and Behavioral Health
- Entomology
- Environmental Health
- Epidemiology
- Geography
- Global Disease Epidemiology and Control
- Health Behavior
- History
- Immunology and Molecular Pathogenesis
- Infectious Disease Epidemiology
- Nutrition
- Population Health Sciences
- Prevention Science and Community Health
- Public Health
- Sociology
- Tropical Medicine

# WHERE EIS OFFICERS WORK



**2021 and 2022 EIS classes (155 officers)**  
69 in class of 2021 | 86 in class of 2022

Effective February 2023

## LOCATIONS

- State or territorial health departments (37 officers)
- City, county, tribal, and other partners (11 officers)
- ★ CDC headquarters and campuses (106 officers)
- Combined local and federal positions (1 officer)

Host Site	Class of 2021	Class of 2022
CDC Global Health Center	9	10
CDC National Center on Birth Defects and Developmental Disabilities	1	2
CDC National Center for Chronic Disease Prevention and Health Promotion	6	5
CDC National Center for Emerging and Zoonotic Infectious Diseases	16	14
CDC National Center for Environmental Health and the Agency for Toxic Substances and Disease Registry	1	2
CDC National Center for Health Statistics	1	0
CDC National Center for HIV, Viral Hepatitis, STD, and TB Prevention	3	6
CDC National Center for Immunization and Respiratory Diseases	6	10
CDC National Center for Injury Prevention and Control	0	6
CDC National Center for State, Tribal, Local, and Territorial Public Health Infrastructure and Workforce	1	1
CDC National Institute for Occupational Safety and Health	3	0
CDC Office of Health Equity	1	0
CDC Office of Readiness and Response	0	2
State, local, county, city, tribal, territorial health department, or other partners	21	28
<b>Total</b>	<b>69</b>	<b>86</b>

Dave Ederer and Allison Siu (both EIS class of 2021) collect information on the availability and price of grocery items in the Commonwealth of the Northern Mariana Islands during a field investigation to better understand the food retail environment, August 2022.





# FIELD WORK AND EMERGENCY RESPONSE\*

**168**  
Domestic  
Deployments

27 states and  
The District of Columbia,  
2 Territories, 1 Tribe



**29**  
International  
Deployments  
11 Different Countries

## SAMPLE INVESTIGATION TOPICS



### INFLUENZA

Worked with health department partners in Tennessee to investigate early flu activity and illness severity in the 2022–2023 flu season.



### MPOX

Deployed to the field and CDC Emergency Operations Center to assist in investigating and preventing the spread of mpox.



### POLIOVIRUS

Determined the prevalence of vaccine-derived poliovirus type 2 in Rockland County, New York; worked with Ministries of Health and global partners to strengthen surveillance and organize nationwide mass polio vaccination campaigns.



### SUICIDE

Worked with public health partners to investigate an increase in suicide deaths across Ohio and a possible cluster of suicide deaths in adolescents and young adults in Polk County, Iowa.



### DRINKING WATER CONTAMINATION

Investigated the effects of a petroleum leak that contaminated the drinking water supply on the island of Oahu, Hawaii.



Sarah Hamid (EIS class of 2022), Nina Masters (EIS class of 2021), and Mehnaz Mustafa (LLS class of 2021) stuff envelopes with personalized letters from pediatricians to patients eligible for a polio vaccine during the New York State polio response.

\* This work reflects Epi-Aids and CDC emergency response as reported by EIS 2021 and 2022 classes and does not include field investigations completed by EIS officers for their host site assignments.

# BEYOND EIS

**4** of the last **11**  
CDC Directors are EIS alumni



**98%** of recent EIS  
graduates continue in public  
health-related positions



**900+**  
peer-reviewed scientific  
publications authored by EIS  
officers (2015–2020 classes)

To learn more, visit [www.cdc.gov/eis](http://www.cdc.gov/eis)