



# EPIDEMIC INTELLIGENCE SERVICE

## 2020 ANNUAL UPDATE



Training epidemiologists on the front lines of public health since 1951  
130 current officers | 3,852 alumni | 1 mission 24/7

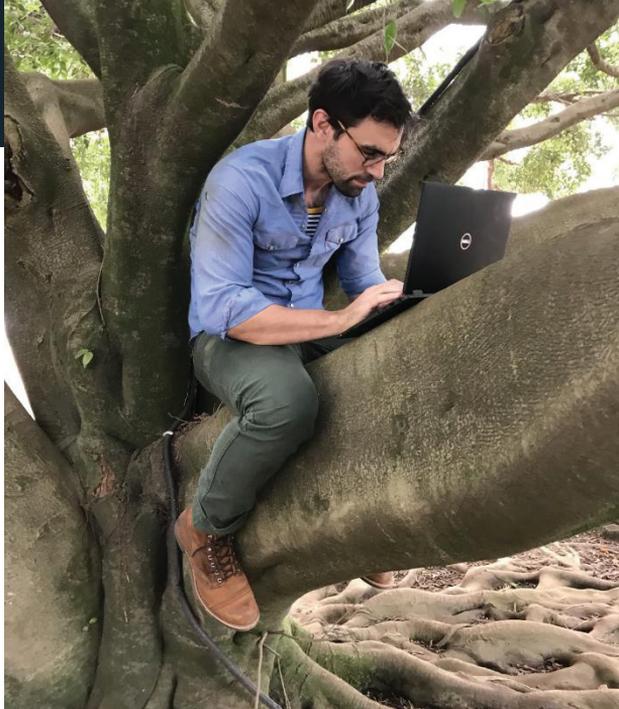
# EIS OFFICERS...

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.



EIS officer Dean Sayre finds an alternative workspace outside the CDC office in Goma during his July-August 2019 Ebola response deployment to the Democratic Republic of Congo.

# ON-THE-JOB TRAINING

- Field investigations and response
- Epidemiologic analyses
- Oral presentations
- Peer-reviewed scientific manuscripts and abstracts
- Surveillance system evaluations



EIS officers Rebecca Woodruff (left) and Howard Chiou (right) review field notes during a 2019 outbreak investigation in American Samoa.



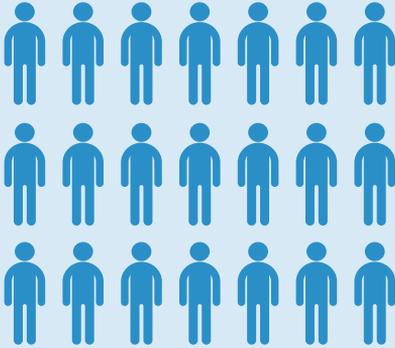
EIS officer Julia Pringle (right) conducts an in-home interview with patients as part of a February 2020 polio investigation in Zambia.

**TO LEARN MORE, VISIT  
[WWW.CDC.GOV/EIS](http://WWW.CDC.GOV/EIS)**

# MEET THE EIS CLASS OF 2020

The 60 EIS officers in the class of 2020 were selected from 352 applicants.

## Clinical



### 21 Physicians

13 with master's degree in public health  
(12 MPH and 1 MSPH)

2 with other master's degrees  
(MSc and SM)

1 with PhD

Physician specialties

- Emergency medicine
- Family medicine
- Gastroenterology
- Infectious disease
- Internal medicine
- Obstetrics and gynecology
- Occupational medicine
- Pediatric infectious disease
- Pediatrics
- Preventive medicine



### 6 Veterinarians

All with a master's degree in public health  
(5 MPH and 1 MSPH)



### 5 Nurses

2 with MPH and master's in nursing

2 with PhD in nursing

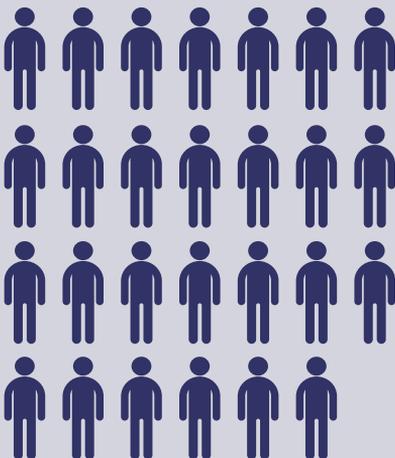
1 with PhD and master's in nursing



### 1 Physical Therapist

PhD in public health and MPH

## Non-Clinical



### 27 Doctoral Scientists

16 with master's degree in public health  
(12 MPH, 1 MScPH and 3 MSPH)

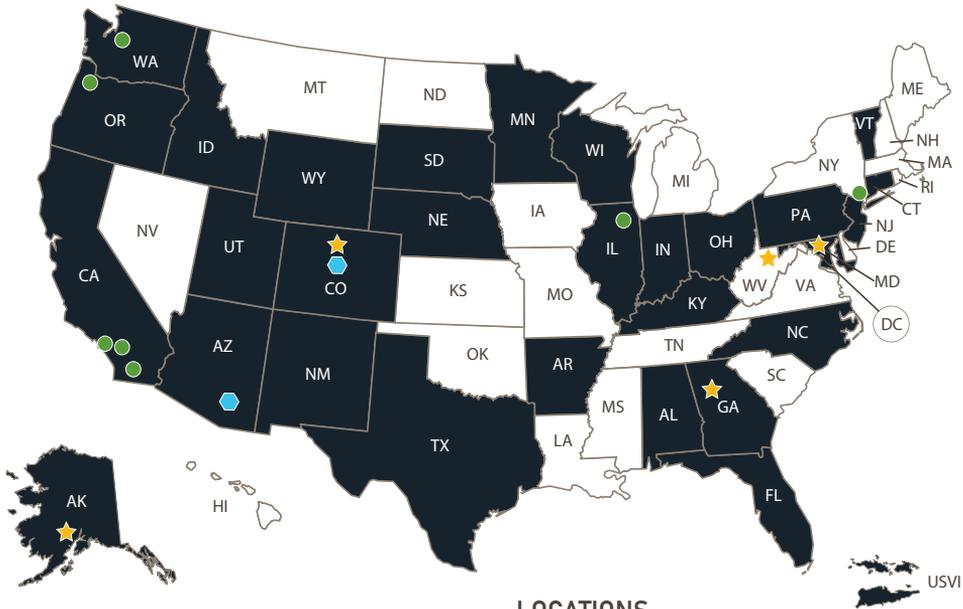
7 with other master's degrees

1 with MBBS

Doctoral degree disciplines

- Biochemistry
- Cell and molecular biology
- Environmental health sciences
- Entomology
- Epidemiology
- Epidemiology and community health
- Geography
- Health behavior
- Health policy and management
- Microbiology and immunology
- Population health science
- Public health
- Veterinary public health

# WHERE EIS OFFICERS WORK



**2018 and 2019 EIS classes (130 officers)**  
65 in class of 2018 | 65 in class of 2019

Effective March 2020

## LOCATIONS

- State or territorial health departments (31 officers)
- City, county, tribal, and other partners (8 officers)
- Combined county & state positions (2 officers)
- ★ CDC headquarters and campuses (89 officers)

Host Site	Class of 2018	Class of 2019
Center for Global Health	11	6
National Center on Birth Defects and Developmental Disabilities	2	1
National Center for Chronic Disease Prevention and Health Promotion	3	6
National Center for Emerging and Zoonotic Infectious Diseases	12	12
National Center for Environmental Health and the Agency for Toxic Substances and Disease Registry	1	3
National Center for Health Statistics	2	2
National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention	4	3
National Center for Immunization and Respiratory Diseases	8	8
National Center for Injury Prevention and Control	0	4
National Institute for Occupational Safety and Health	0	1
State, local, county, city, tribal, territorial health department, or other partners	22	19
<b>Total</b>	<b>65</b>	<b>65</b>

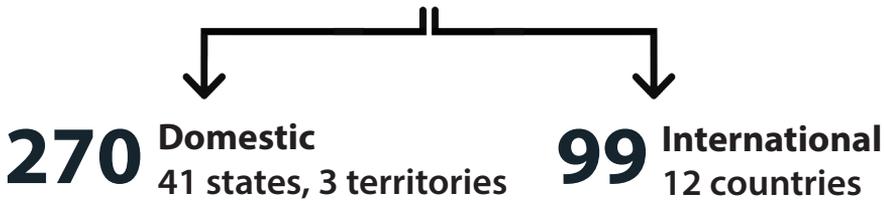


EIS officer Varun Shetty performs a throat swab as part of COVID-19 specimen collection and contact tracing. A CDC team including EIS officers traveled to Orange County, California in February 2020 as part of the COVID-19 response.

# FIELD INVESTIGATIONS

## 369

total field investigation experiences reported  
by EIS officers in the classes of 2018 & 2019



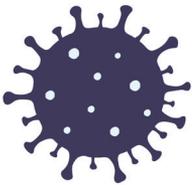
## DOMESTIC HIGHLIGHTS

### EVALI (E-CIGARETTE, OR VAPING, ASSOCIATED LUNG INJURY)

EIS officers reported the first identified EVALI cases, led outbreak investigations, and supported a national agency-level emergency response.



### COVID-19 (CORONAVIRUS DISEASE 2019)



EIS officers deployed to airports, quarantine facilities, and state and local health departments across the U.S. to assist in investigating, containing spread, and mitigating impacts of COVID-19.

## MEASLES

EIS officers responded to contain one of the nation's largest outbreaks of measles by working with state and local health departments to investigate cases and implement vaccination campaigns.



## INTERNATIONAL HIGHLIGHT

### EBOLA



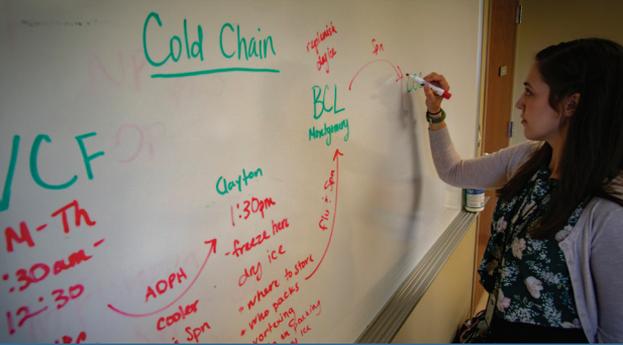
EIS officers deployed to the Democratic Republic of Congo and neighboring countries to support surveillance, contact tracing, infection prevention and control, and other response activities to contain the spread of Ebola.



# BEYOND EIS

more than  
**95%**

of recent EIS graduates  
continue in public health-related  
positions



**4 of the last 10**

CDC directors  
are EIS alumni

more than  
**40%**

of current  
CDC executive leaders  
are EIS alumni



more than **30%**

of U.S. state and territorial epidemiologists are EIS alumni