Training epidemiologists on the front lines of public health since 1951
130 current officers | 3,973 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.

ON-THE-JOB TRAINING

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

TO LEARN MORE, VISIT WWW.CDC.GOV/EIS
The 70 EIS officers in the class of 2021 were selected from 349 applicants.

**Clinical**

- **21 Physicians**
  - 13 MPH
  - 1 MA
  - 1 PhD, MBA & MOH
  - Physician specialties:
    - Emergency Medicine
    - Family Medicine
    - Infectious Disease
    - Internal Medicine
    - Occupational Medicine
    - Pediatrics
    - Pediatric Infectious Disease
    - Preventive Medicine

- **5 Nurses**
  - 1 DNP, master’s degree in nursing & public health
  - 1 DNP
  - 1 MScPH & professional diploma in tropical medicine
  - 2 MPH

- **5 Veterinarians**
  - 1 PhD
  - 3 MPH
  - 1 MPH in tropical medicine

- **4 Other Doctoral-Level Healthcare Professionals**
  - 2 MPH
  - 1 with master’s degree in health science

**Non-Clinical**

- **35 Doctoral Scientists**
  - 23 MPH
  - 4 MSPH
  - 5 other master’s degree
  - 2 MBBS
  - Doctoral degree disciplines:
    - Civil and Environmental Engineering
    - Environmental and Occupational Health
    - Epidemiology
    - Evolutionary Biology, Immunology, and Infection Research
    - Global Health and Global Disease Epidemiology
    - Health Behavior and Health Education
    - Health Services Research
    - Infection and Immunity
    - Microbiology and Epidemiology of Infectious Diseases
    - Nutrition and Health Sciences
    - Public Health
    - Social and Behavioral Interventions
    - Translational Biomedical Sciences
WHERE EIS OFFICERS WORK

LOCATIONS
- State or territorial health departments (34 officers)
- City, county, tribal, and other partners (9 officers)
- CDC headquarters and campuses (86 officers)
- Combined local and federal positions (1 officer)

2020 and 2021 EIS classes (130 officers)
60 in class of 2020 | 70 in class of 2021
Effective August 2021

Patrick Dawson (EIS Class of 2019) and Christina Carlson (LLS Class of 2019) examine a bag of shrimp as part of an epi-aid investigation in early 2020.
COVID-19 RESPONSE

EIS officers supported international, federal, state, local, tribal and territorial COVID-19 response activities.

All 123 EIS officers in the 2019 and 2020 classes have supported the COVID-19 response, including:

- 358 deployments to CDC Emergency Operations Center or field locations
- 8,241 deployment days
- All 41 EIS officers assigned to field positions worked on local COVID-19 response activities

*Data as of 6/30/2021

Examples of EIS support for COVID-19 activities:

Conducted epidemiologic investigations
- Outbreak investigations in nursing homes and long-term care facilities, health care facilities, meat processing plants, correctional facilities, shelters for people experiencing homelessness, cruise ships, summer camps, and institutes of higher education
- Studies to assess
  - Household, community, and asymptomatic transmission
  - Risk factors for infection and severe disease
  - Clinical outcomes of infection
  - Rapid antigen and PCR test validation
  - Vaccine effectiveness and adverse events

Provided technical assistance to state and local health departments, territories, tribes, and other countries, including
- conducting case investigation, contact tracing, and risk assessment
- setting up and operating surveillance systems
- developing testing, isolation, and quarantine protocols
- developing infection prevention and control recommendations
- responding to healthcare provider inquiries
- setting up and running “pop-up” testing clinics

Melanie Firestone (EIS Class of 2020) collecting environmental samples at a home in Southern California as a part of a SARS-CoV-2 household transmission investigation.

Developed CDC and state or local guidelines on a range of topics including quarantine, isolation, testing, and mitigation strategies for a variety of settings.
BEYOND EIS

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

4 of the last 11 CDC directors are EIS alumni

EIS officers and alumni contributed to >900 peer-reviewed scientific publications

*from classes of 2015-2020