



EPIDEMIC INTELLIGENCE SERVICE

2019 ANNUAL UPDATE



Training epidemiologists on the front lines of public health since 1951
136 current officers | 3,781 alumni | 1 mission 24/7

EIS OFFICERS...



Are physicians, doctoral scientists, veterinarians, nurses, and other health professionals



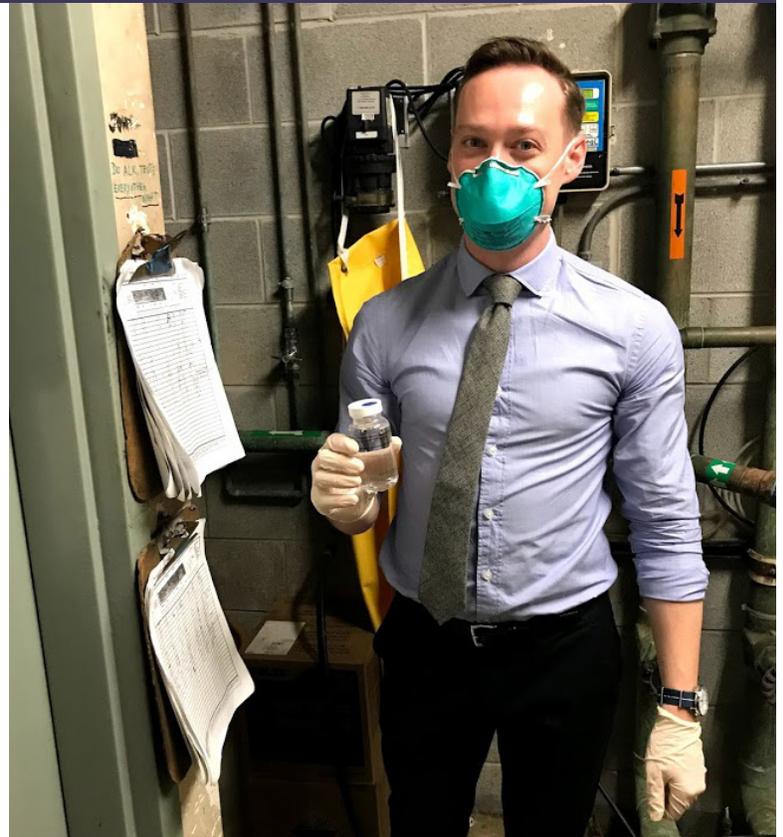
Complete a 2-year, on-the-job training fellowship to learn applied epidemiology



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



EIS officer Sydney Jones collects environmental samples during an investigation into septic transfusion reactions associated with bacterial contamination of platelets. 2018 response in Connecticut.



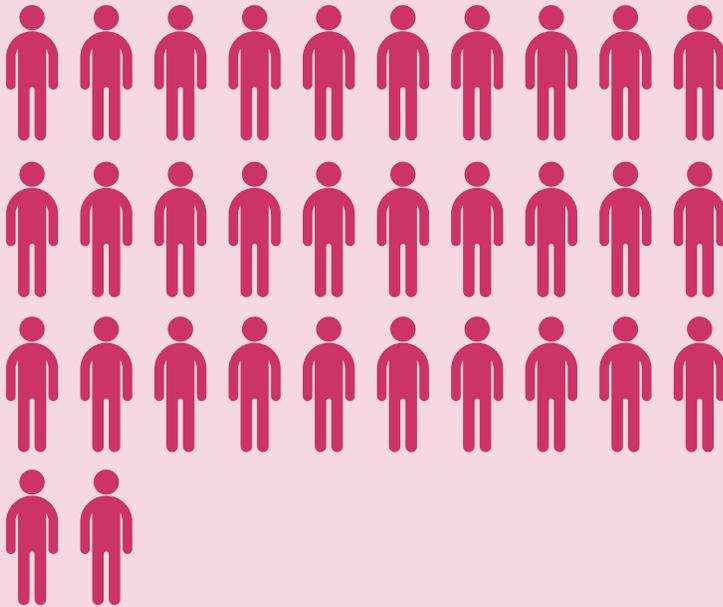
EIS officer Tristan McPherson collects water column samples for Legionella testing during an outbreak determined to be linked to a hotel whirlpool. The pictured sample was obtained from the whirlpool filter system. 2018 response in Illinois.

ON-THE-JOB TRAINING

- Field investigations and response
- Epidemiologic analyses
- Surveillance system evaluations
- Oral presentations
- Peer-reviewed scientific manuscripts and abstracts
- Timely communication of scientific concepts to various audiences

MEET THE EIS CLASS OF 2019

The 66 EIS officers in the Class of 2019 were selected from 386 eligible applicants.

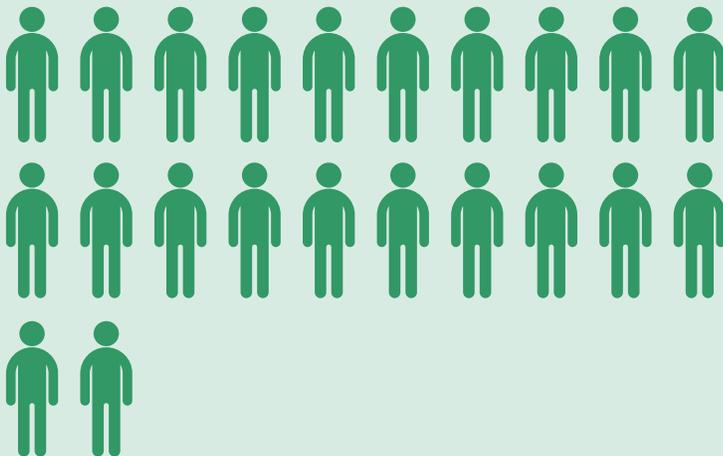


32 Nonclinical Doctoral Scientists

Of these,
19 have MPH
6 have other masters
1 has MPH and other masters

PhD Disciplines

- Biological Sciences
- Environmental Sciences
- Epidemiology
- Geography
- International Health
- Molecular Microbiology
- Public Health



22 Physicians

Of these,
10 have MPH
5 have other masters
1 has MPH and PhD

Physician Specialties

- Emergency Medicine
- Infectious Disease
- Internal Medicine
- Surgery
- Pediatrics
- Preventative Medicine
- Pathology



7 Veterinarians

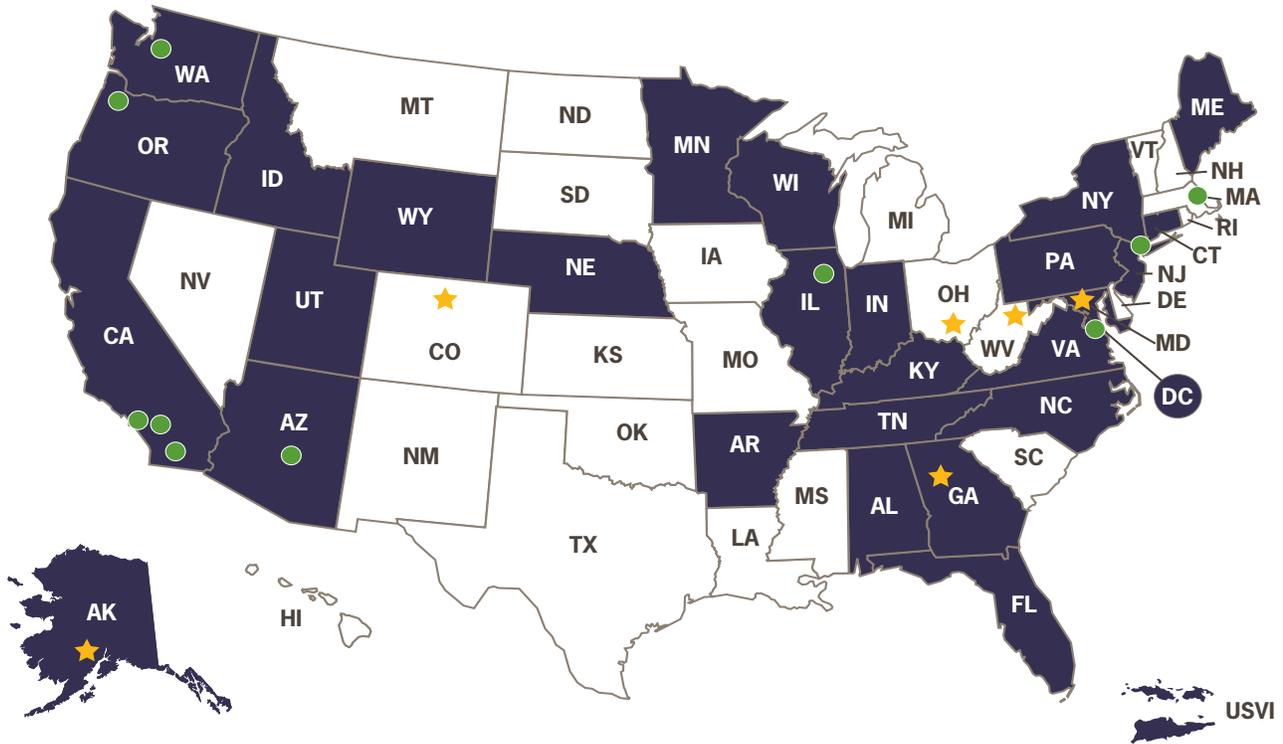
Of these,
4 have MPH
3 have PhD



5 Nurses

Of these,
2 have MPH
2 have MPH and PhD
1 has other masters and PhD

WHERE EIS WORKS



LOCATIONS

EIS Officers (136 Disease Detectives)

70 in the class of 2017

66 in the class of 2018

- State health departments (n=35)
- City, county, tribal, and other partners (n=9)
- ★ CDC headquarters and campuses (n=92)

CDC Center	Number of EIS Officers
Center for Global Health	21
Field assignments	44
National Center on Birth Defects and Developmental Disabilities	3
National Center for Chronic Disease Prevention and Health Promotion	6
National Center for Environmental Health and the Agency for Toxic Substances and Disease Registry	3
National Center for Emerging and Zoonotic Infectious Diseases	30
National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention	5
National Center for Health Statistics	3
National Center for Injury Prevention and Control	1
National Center for Immunization and Respiratory Diseases	17
National Institute for Occupational Safety and Health	3

FIELD INVESTIGATIONS IN 2018

196 total field investigation experiences reported by EIS officers

174 Domestic
38 states, 3 territories

22 International
12 countries

DOMESTIC HIGHLIGHTS

TEXAS

EIS officers investigated dockless electric scooter-related injuries with Austin Public Health.



KENTUCKY & OHIO

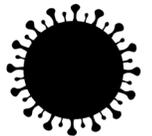
EIS officers investigated HIV infections associated with injection drug use with the Kentucky and Ohio Departments of Health.



INTERNATIONAL HIGHLIGHT

NAMIBIA

EIS officers investigated a hepatitis E virus outbreak with the Namibia Ministry of Health.



AFTER EIS, THE FUTURE IS BRIGHT



more than

85%

of EIS program graduates enter
the public health workforce



more than

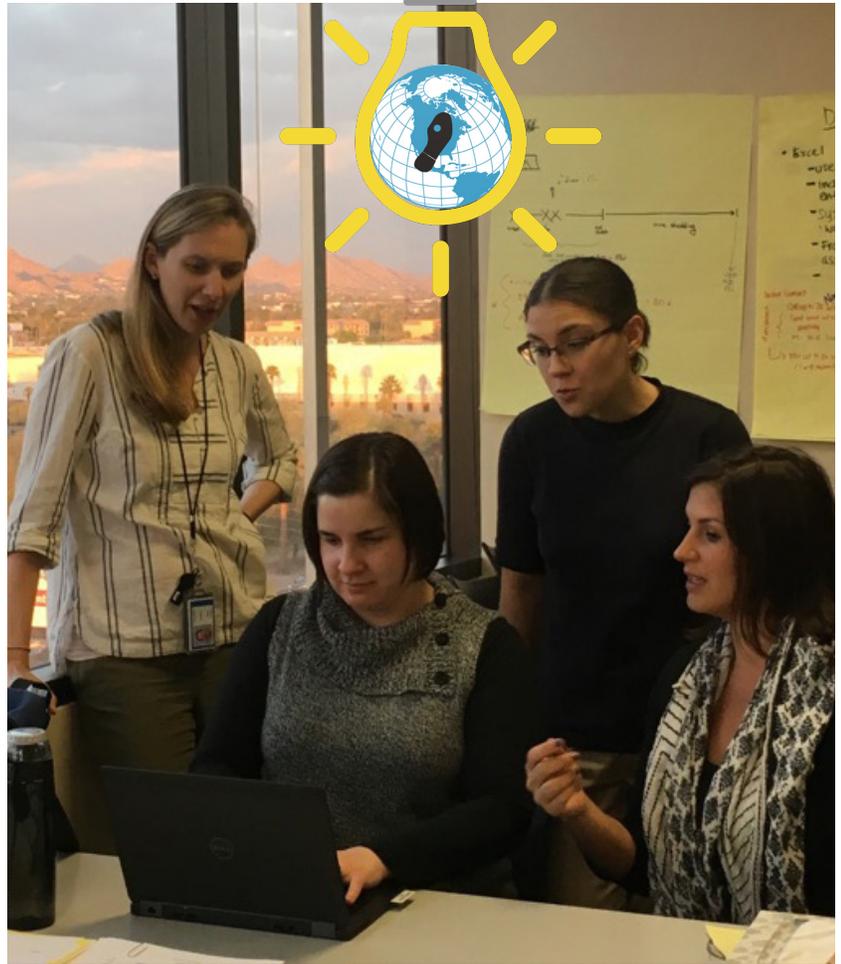
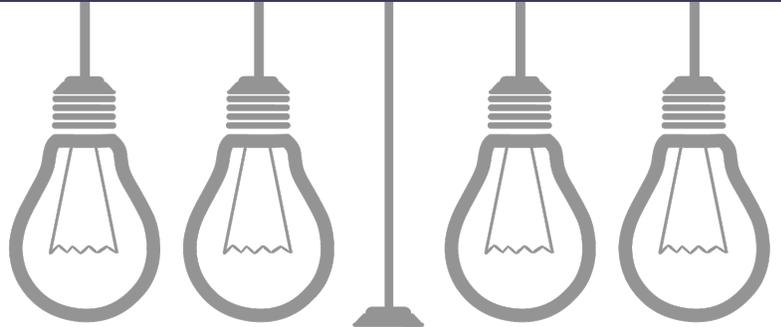
30%

of state or large city
epidemiologists are EIS alumni



1 in 3

CDC directors since 1951
have been EIS alumni



EIS officers (left to right) Sally Ann Iverson, Laura Reynolds, Heather Venkat, and Sarah Guagliardo discuss a Leptospirosis investigation. 2017 Epi-Aid response in Arizona.

For more information about EIS, visit www.cdc.gov/EIS