

Epidemic Intelligence Service (EIS)/Laboratory Leadership Service (LLS) Alumni Survey

[Page 1] INTRODUCTION

Form Approved
OMB No. 0920-1078
Expiration Date: XX/XX/XXXX

You are being asked to complete this survey because of your previous participation in the Epidemic Intelligence Service (EIS) / Laboratory Leadership Service (LLS)] Fellowship. The purpose of this survey is to learn about your career progression and how fellowship alumni contribute to the public health workforce.

Your participation is completely voluntary. Your individual responses will be kept secure and not shared. Only CDC Epidemiology and Laboratory Workforce Branch (including [EIS/LLS] program staff) and CDC Division evaluation staff will have access to your responses. Results from the survey will be reported in aggregate (e.g., 75% of alumni are employed in public health).

We estimate that it will take approximately [Year 1: 25, Year 3/5: 20] minutes to complete this survey. This survey link is unique to you, so please don't forward it to others. You will be able to return to the survey to edit or update your responses at any time prior to the survey closing date on [DATE].

Please contact ELWBEval@cdc.gov if you have any questions regarding this survey.

Notice: By continuing to the next screen, you consent to complete this survey.

The public reporting burden of this collection of information is estimated to average [Y1: 25/Y3/5: 20] minutes per response, including time for reviewing instructions, searching existing data sources, gathering, and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to **CDC/ATSDR Reports Clearance Officer; 1600 Clifton Road NE, MS H21-8, Atlanta, Georgia 30329 ATT: PRA (0920-1163)**

Post-Fellowship Education, Board Certifications, and Licenses

[Page 2] Degree completion

1. **[Year 1:** Since completing [EIS / LLS], **Year 3/5:** In the last two years] have you graduated from a degree program at an academic institution?
 - a. Yes
 - b. No (**skip to Residency completion**)

[Page 3] Degrees earned

2. Specify degree(s) earned since **[Year 1:** since completing [EIS / LLS], **Year 3/5:** in the last two years]. Select all that apply.
 - a. Master of Arts (MA)
 - b. Master of Business Administration (MBA)
 - c. Master of Public Health (MPH)

- d. Master of Science (MS)
- e. Master of Social Work (MSW)
- f. Doctor of Medicine (MD) or Doctor of Osteopathic Medicine (DO)
- g. Doctor of Philosophy (PhD)
- h. Doctor of Public Health (DrPH)
- i. Doctor of Veterinary Medicine (DVM)
- j. Doctor of Nursing Practice (DNP)
- k. Juris Doctor (JD)
- l. Other (please specify)

[Page 4] Residency completion

3. [**Year 1:** Since completing [EIS / LLS], **Year 3/5:** In the last two years], have you completed a residency or clinical fellowship?
 - a. Yes
 - b. No (**skip to Board certifications**)

[Page 5] Residencies completed

4. What is the specialty of the residency or clinical fellowship you completed since [EIS / LLS]?

[Page 6] Board certifications

5. Do you currently have any active board certifications in the U.S.?
 - a. Yes
 - b. No (**skip to U.S. clinicians**)

[Page 7] Board certifications details

6. Please specify active board certifications:

[Page 8] U.S. clinicians

7. Are you currently a clinician (e.g., MD, DVM) licensed to practice within the U.S.?
 - a. Yes
 - b. No

Post-Fellowship Activity

[Page 9] Professional Status:

Please select the response option that best describes your current professional status. Please read all response options before selecting your response.

8. Professional Status:
 - a. **I am employed.** Please also select this response [**Year 1:** if you are extending your [EIS / LLS] fellowship or] if you are an ORISE fellow. (**skip to Employer Details**)
 - b. **I am furthering my education** at an academic institution (e.g., masters or doctoral) or through a clinical training program or medical residency. (**skip to Additional Education**)
 - c. **I am employed and am furthering my education** at the same time. (**continue to Additional Education and Employment**)
 - d. **I am participating in a training or service program** (e.g., internship, AmeriCorps, Peace Corps) or a **different public health fellowship program** than [EIS / LLS] [EIS: (e.g.,

FLIGHT), LLS: e.g., Public Health Informatics Fellowship Program]. (skip to section Additional Training or Service)

- e. **I am seeking employment.** (Y1: skip to Influence on Career Path, all others: skip to Alumni Engagement)
- f. **I am not currently employed** and not seeking employment. (Y1: skip to Influence on Career Path, all others: skip to Alumni Engagement)
- g. **Other** (please specify): (Y1: skip to Influence on Career Path, all others: skip to Alumni Engagement)

[Page 10] Additional Education

9. Which of the following best describes the **primary** focus of your current education program?
- a. **Public health (including population health)** - *Select if your work focuses on protecting and promoting the health of entire populations or specific population groups; examples may include (but are not limited to) scientific, programmatic, and administrative work.*
 - b. **Health care** - *Select if your work focuses on diagnosing and treating individual patients; managing clinical services, hospitals, etc.*
 - c. **Other** (please specify):

(Y1 only: skip to Influence on Career Path, All others: skip to Alumni Engagement)

[Page 11] Additional Education and Employment

10. Which of the following best describes the **primary** focus of your current education?
- a. **Public Health (including population health)** - *Select if your work focuses on protecting and promoting the health of entire populations or specific population groups; examples may include (but are not limited to) scientific, programmatic, and administrative work.*
 - b. **Health care** - *Select if your work focuses on diagnosing and treating individual patients; managing clinical services, hospitals, etc.*
 - b. **Other** (please specify):

(all responses continue to Employer Details)

[Page 12] Additional Training or Service

11. Which of the following best describes the training or service program you are pursuing?
- a. CDC public health fellowship, educational, or training program [EIS: (e.g., FLIGHT), LLS: Public Health Informatics Fellowship Program]
 - b. Non-CDC fellowship or training program
 - c. Service organization (e.g., Peace Corps; AmeriCorps)
12. Which of the following best describes the **primary** focus of your current training or service program?
- a. **Public health (including population health)** - *Select if your work focuses on protecting and promoting the health of entire populations or specific population groups; examples may include (but are not limited to) scientific, programmatic, and administrative work.*
 - b. **Health care** - *Select if your work focuses on diagnosing and treating individual patients; managing clinical services, hospitals, etc.*
 - c. **Other** (please specify):

(Y1 only: skip to Preparedness for Post-Fellowship Position. All others: skip to Alumni Engagement)

[Page 13] Employer Details

*Note: If you have more than one job, please provide employment information for what you consider to be your **primary** job and employer.*

13. Employer name:
14. Job title:
15. Employer Country (i.e., the country where your employer is based, not the country where you primarily work from if working remotely): [drop-down list]
16. Employer State/Territory (if in the U.S.) (if you work remotely, this might be different from where you are located): [drop-down list]
17. Which of the following best describes the **primary** focus of your current job?
 - a. **Public health (including population health)** - *Select if your work focuses on protecting and promoting the health of entire populations or specific population groups; examples may include (but are not limited to) scientific, programmatic, and administrative work.*
 - b. **Health care** - *Select if your work focuses on diagnosing and treating individual patients; managing clinical services, hospitals, etc.*
 - c. **Other** (please specify): (Y1 only: skip to Preparedness for Post-Fellowship Position. All others: skip to Alumni Engagement)

[Page 14] Employment Type

18. Which of the following best describes your current **type of employment**?
 - a. **Federal Government** (e.g., CDC, FDA) (NOTE: if you are part of the USPHS Commissioned Corps, select this option) (Skip to Federal government employment activity)
 - b. **Non-federal, government** (domestic state, tribal, local, or territorial agency; e.g., Georgia Department of Public Health) (Continue to Non-federal, government employment)
 - c. **Contractor** in support of federal, state, tribal, territorial, or local government (e.g., ORISE fellow, Northrup Grumman) (Continue to Government contractor employment)
 - d. **Non-governmental**, academic, clinical, community, or other organization or business (Continue to Non-governmental employment)

[Page 15] Federal government employment activity

19. Which of the following best describes your current **federal employer**? *Note: If you are a Public Health Service Officer, select the agency to which you are assigned.*
 - a. Centers for Disease Control and Prevention (CDC). I am **stationed or work primarily at CDC headquarters or other CDC domestic office.**

- b. Centers for Disease Control and Prevention (CDC). I am **stationed domestically** in the field (e.g., state, local, or tribal health department).
- c. Centers for Disease Control and Prevention (CDC). I am **stationed internationally** in the field (including CDC country offices).
- d. Other (non-CDC) Department of Health and Human Services (HHS) agency (skip to **Federal Government Employment Activity - ALL**)
- e. Other Federal government agency (e.g., State Department, USAID) (skip to **Federal Government Employment Activity - ALL**)
- f. Other (please specify): (skip to **Federal Government Employment Activity - ALL**)

[Page 16] Federal Government Employment Activity - CDC

20. In which CIO are you located? [dropdown of CIO options]

- a. N/A – I do not work in a CDC CIO
- b. CDC Washington Office
- c. Center for Forecasting and Outbreak Analytics (CFA)
- d. Global Health Center (GHC)
- e. Immediate Office of the Director
- f. National Center for Chronic Disease Prevention and Health Promotion (NCCDPHP)
- g. National Center for Emerging and Zoonotic Infectious Diseases (NCEZID)
- h. National Center for Environmental Health (NCEH)
- i. National Center for Health Statistics (NCHS)
- j. National Center for HIV, Viral Hepatitis, STD, and TB Prevention (NCHHSTP)
- k. National Center for Immunization and Respiratory Diseases (NCIRD)
- l. National Center for Injury Prevention and Control (NCIPC)
- m. National Center for State, Tribal, Local, and Territorial Public Health Infrastructure and Workforce (NCSTLTPHIW)
- n. National Center on Birth Defects and Developmental Disabilities (NCBDDD)
- o. National Institute for Occupational Safety and Health (NIOSH)
- p. Office of Communications (OC)
- q. Office of Equal Employment Opportunity and Workplace Equity (OEEWE)
- r. Office of Health Equity (OHE)
- s. Office of Laboratory Science and Safety (OLSS)
- t. Office of Policy, Performance, and Evaluation (OPPE)
- u. Office of Public Health Data, Surveillance, and Technology (OPHDST)
- v. Office of Readiness and Response (ORR)
- w. Office of Science (OS)
- x. Office of the Chief of Staff (OCoS)
- y. Office of the Chief Operating Officer (OCOO)
- z. Other (please specify): _____

[Page 17] Federal Government Employment Activity - ALL

21. **[Year 1 survey only]** Is your current work setting in the same division, agency, or organization as your [EIS / LLS] site? (Note: If your host site was not in a division but in a CIO OD, select 'yes' if you are staying in the same CIO).
- a. Yes

b. No

22. Which of the following best describes the employment status for your position?

- a. USPHS Commissioned Corps
- b. Civil Service, Full Time Equivalent (FTE) (e.g., Title 5, 38)
- c. Temporary or term FTE (including Title 42 appointment or fellowship extension)
- d. Other (please specify):

23. What is your current job series?

- a. 0110 - Economist
- b. 0301 - Miscellaneous Administration and Program
- c. 0343 - Management and Program Analysis
- d. 0403 - Microbiology
- e. 0601 - General Health Science
- f. 0602 - Medical Officer
- g. 0610 - Nurse
- h. 0685 - Public Health Program Specialist
- i. 0701 - Veterinary Medical Science
- j. 0801 - General Engineering
- k. 1001 - Health Communications Specialist
- l. 1102 - Contract Specialist
- m. 1515 - Operations Research
- n. 1529 - Mathematical Statistics
- o. 1530 - Statistics
- p. 1150 - Computer Science
- q. 1560 - Data Science
- r. Other (please specify):

24. What is your current pay grade?

- a. GS-5
- b. GS-6
- c. GS-7
- d. GS-8
- e. GS-9
- f. GS-10
- g. GS-11
- h. GS-12
- i. GS-13
- j. GS-14
- k. GS-15
- l. Senior Executive Service (SES)
- m. Commission Corps 0-3
- n. Commission Corps 0-4
- o. Commission Corps 0-5

- p. Commission Corps 0-6
- q. Commission Corps 0-7
- r. Commission Corps 0-8
- s. Commission Corps 0-9
- t. Commission Corps 0-10
- u. Other (please specify):

(skip to Support of Essential Public Health Services)

[Page 18] Non-federal, government employment

25. Which of the following best describes your current **employer**?

- a. City or county government agency
- b. State government agency or public health laboratory
- c. U.S. territorial and freely associated state government agency
- d. Tribal government equivalent organization/coalition
- e. Other (please specify):

26. **[Year 1 survey only]** Is your current work setting in the same agency or organization as your [EIS / LLS] host site? (skip to Support of Essential Public Health Services)

- a. Yes
- b. No

[Page 19] Government contractor employment

27. Which of the following best describes the **primary focus or setting** of your contract work?

- a. I support or work at the Centers for Disease Control and Prevention (CDC).
- b. I support or work at the Department of Health and Human Services (HHS) or other HHS agency (not CDC).
- c. I support or work at another Federal government agency (e.g., State Department, USAID).
- d. I support or work at a city or county government agency.
- e. I support or work at a state government agency or public health laboratory.
- f. I support or work at a US territorial or freely associated state agency.
- g. I support or work at a tribal governmental equivalent organization/coalition.
- h. Other (please specify):

28. **[Year 1 survey only]** Is your current work setting in the same CIO or division, agency, or organization as your [EIS / LLS] host site? (skip to Support of Essential Public Health Services)

- c. Yes
- d. No

[Page 20] Non-government employment

29. Which of the following best describes your current **employer**?

- a. College or university (skip to Support of Essential Public Health Services)
- b. Industry (private, non-clinical business) (skip to Support of Essential Public Health Services)

- c. Clinical (hospital or other clinical care) (skip to Support of Essential Public Health Services)
- d. Non-governmental, community, or other organization (EIS: continue to Non-government employment – work setting, LLS: skip to Support of Essential Public Health Services)
- e. Tribal organization (skip to Support of Essential Public Health Services)
- f. Other (please specify): (skip to Support of Essential Public Health Services)

[Page 21] Non-government employment – work setting

30. **[Year 1 survey only]** Is your current work setting in the same CIO or division, agency, or organization as your EIS host site?

- a. Yes
- b. No

[Page 22] Support of Essential Public Health Services

31. Which of the following describe your work activities in your current job? Select all that apply.

- a) **Assess and monitor population health status, factors that influence health, and community needs and assets.**
- b) **Investigate, diagnose, and address health problems and hazards affecting the population** (e.g., anticipating, preventing, and mitigating health threats through epidemiologic identification; using public health laboratory capabilities and modern technology for testing, screening, etc.; responding to acute outbreaks, emergencies, and other health hazards; identifying, analyzing, and distributing information on population health, outbreaks, etc.).
- c) **Communicate effectively to inform and educate people about health, factors that influence it, and how to improve it.**
- d) **Strengthen, support, and mobilize communities and partnerships to improve health.**
- e) **Create, champion, and implement policies, plans, and laws that impact health.**
- f) **Utilize legal and regulatory actions designed to improve and protect the public's health** (e.g., licensing and monitoring the quality of healthcare services; reviewing new drug, biologic, and medical device applications; licensing and credentialing the healthcare workforce; conducting enforcement activities).
- g) **Assure an effective system that enables equitable access to the individual services and care needed to be healthy** (e.g., addressing and removing barriers to care; ensuring access to high-quality and cost-effective healthcare and social services; building relationships with payers and healthcare providers).
- h) **Build and support a diverse and skilled public health workforce** (e.g., providing education and training; building active partnerships with academia and other professional training programs; forecasting workforce needs; incorporating public health principles in non-public health curricula).
- i) **Improve and innovate public health functions through ongoing evaluation, research, and continuous quality improvement.**
- j) **Build and maintain a strong organizational infrastructure for public health** (e.g., designing and maintain information and data systems; managing financial and human resources; strategic planning).
- k) **N/A - I am not working in public health or health care.**

l) **Other** (please specify):

[Page 23] Program Focus Areas

32. Please specify your current program area(s). Select all that apply.

Note: Some programs are listed differently than you would expect. For example, WIC can be found under “Maternal and Child Health – WIC.”

- a. Administration/Administrative Support
- b. Animal Control
- c. Children and Youth with Special Health Care Needs
- d. Clinical Services (excluding TB, STD, family planning)
- e. Communicable Disease - HIV
- f. Communicable Disease - Influenza
- g. Communicable Disease - STD
- h. Communicable Disease - Tuberculosis
- i. Communicable Disease - Viral Hepatitis
- j. Other Communicable Disease
- k. Community Health Assessment/Planning
- l. COVID-19 Response
- m. Disability services, including disability determinations
- n. Emergency Medical Services
- o. Emergency Preparedness
- p. Enforcement/Inspection/Licensing/Certification of Facilities (includes health care facilities, long-term care facilities, nursing homes, and child care facilities)
- q. Environmental Health
- r. Epidemiology Surveillance
- s. Global Health
- t. Health Education
- u. Health Promotion/Wellness
- v. Immunizations - clinical services
- w. Immunizations - non-clinical
- x. Informatics
- y. Information Technology (IT) Services
- z. Injury/Violence Prevention
- aa. Maternal and Child Health
- bb. Maternal and Child Health - Family Planning
- cc. Maternal and Child Health - WIC
- dd. Medical Examiner
- ee. Mental and Behavioral Health
- ff. Minority Health/Health Disparities
- gg. Non-Communicable Disease/Chronic Disease (including cancer, diabetes, heart disease, obesity, etc.)
- hh. Oral Health/Clinical Dental Services
- ii. Policy and Legislation
- jj. Program Evaluation
- kk. Public Health Genetics
- ll. Public Health Laboratory
- mm. School Health

- nn. Substance Abuse, including tobacco control programs
- oo. Training/Workforce Development
- pp. Vital Records
- qq. Other Program Area (specify):

[Page 24] Involvement In Programs/Activities That Address Health Disparities And Social Determinants of health

Select "Yes" or "No" for the following questions: In your current role, do you work on project(s) or activities that:

33. **Measure health disparities** among populations/groups experiencing social, economic, geographic, and/or environmental disadvantages?

Definition: A **health disparity** is a plausibly avoidable, systematic health difference adversely affecting a socially, economically, geographically, or environmentally disadvantaged group.

- a. Yes
- b. No

34. **Investigate underlying contributors to health inequities** among populations/groups experiencing social, economic, geographic, and/or environmental disadvantages?

Definition: A **health inequity** is a particular kind of health disparity that is reasonably believed to reflect injustice.

- a. Yes
- b. No

35. **Plan, implement or evaluate programs or activities** that are intended to address health disparities and/or promote health equity?

- a. Yes
- b. No

[Page 25] Career Progression

Year 1: We are interested in learning about your career advancement over the past year. Select the best option for the statements below.

Year 3/5: We are interested in learning about your career advancement over the past two years. Select the best option for the statements below.

36. [**Year 1:** Over the past year, **Year 3/5:** Over the past two years] have you received a higher level of responsibility in your job?
- a. Yes
 - b. No

37. [Year 1: Over the past year, Year 3/5: Over the past two years] have you received a promotion (e.g., higher position or grade level)?

- a. Yes
- b. No

[Page 26] Supervision and Leadership

38. Which of the following **best describes** the supervisory status of your position?

- a. I do not supervise/manage other employees.
- b. I supervise/manage one or more employees.
- c. I supervise/manage one or more supervisors/managers.

39. How much do you agree or disagree with each of the following statements?

In my current position, I have/I participate in...	Strongly Disagree	Somewhat Disagree	Neither Agree nor Disagree	Somewhat Agree	Strongly Agree
Influence on the policy, operations, or administration of my work unit (e.g., program, department, or branch).	☐	☐	☐	☐	☐
Formal decision-making authority for my work unit.	☐	☐	☐	☐	☐
Opportunities to represent my organization in external settings.	☐	☐	☐	☐	☐
Cross-sector or interdisciplinary collaboration.	☐	☐	☐	☐	☐
Technical responsibility (e.g., subject matter expertise).	☐	☐	☐	☐	☐
Fiscal responsibility (e.g., budget management).	☐	☐	☐	☐	☐
Operational responsibility (e.g., general management of and/or operational oversight in your work unit or agency).	☐	☐	☐	☐	☐

40. [Year 1: Since completing [EIS / LLS], Years 3/5: In the last two years], which of the following activities have you conducted (in your current position or elsewhere)?? Check all that apply.

- a. Developed new or revised public health policies, guidelines, recommendations, or standards
- b. Developed new or revised policies, guidelines, recommendations, or standards in healthcare settings
- c. Developed new or revised policies, guidelines, recommendations, or standards in workplaces (other than public health or healthcare settings)
- d. Led an emergency response or outbreak investigation (whether in the field or through a leadership coordination role within your organization)
- e. Led a program or intervention (i.e., an organized, planned, and usually ongoing effort designed to improve a social problem or improve social conditions)

- f. Led policy development initiative(s)
- g. Led research project(s) (e.g., principal investigator for study)
- h. Obtained new funding for your organization (e.g., via contracts, grants, or other mechanisms)
- i. Conducted strategic planning for your organization
- j. Published peer-reviewed publication(s) as first-author
- k. Published peer-reviewed publication(s) as a co-author
- l. Published other first-authored publications (e.g., book chapter)
- m. Presented oral presentation(s) at conferences
- n. Presented poster(s) at conferences
- o. Served on an expert panel or advisory board
- p. Served in an officially recognized leadership role (e.g., executive board) in a professional organization

Preparedness for Post-Fellowship Position **[Year 1 only]**

[Page 27] Preparedness for Post-Fellowship Position (all)

41. **[Year 1 only]** Overall, to what extent did your fellowship experience prepare you for your current position?

- a. Not at all; my fellowship did not prepare me.
- b. A little; my fellowship had a small role in preparing me.
- c. Somewhat; my fellowship had a moderate role in preparing me.
- d. Very much; my fellowship had a large role in preparing me.

(skip to section Alumni Engagement)

[Page 28] Preparedness for Post-Fellowship Position (employed/pursuing education or training)

42. **[Year 1 only]** To what extent did each of the following parts of your [EIS / LLS] experience prepare you for your current position?

	Not at all – Not relevant or did not prepare me	A little – Had a small role in preparing me	Somewhat – Had a moderate role in preparing me	Very much – Had a large role in preparing me	This was not part of my fellowship
Required learning activities (e.g., Core Activities of Learning, Performance requirements)	☐	☐	☐	☐	☐
Peer-to-peer learning [LLS: among your LLS cohort]	☐	☐	☐	☐	☐
[LLS only] Peer-to-peer learning among the greater LLS community	☐	☐	☐	☐	☐
Learning from mentors/supervisors	☐	☐	☐	☐	☐

Developing a professional network	☐	☐	☐	☐	☐
Didactic or classroom-based training	☐	☐	☐	☐	☐

43. **[Year 1 only]** Which skills or topic areas not addressed during your [EIS / LLS] fellowship would have been helpful to carry out your current work duties? [open-ended]

[Page 29] Use of Competencies/Skills **[Year 1 only]**

44. **[Year 1 only]** How relevant are the following skill sets to your current position?

EIS only	Not at all	A little	Somewhat	Very much
Assessment and analysis (e.g., surveillance activities, public health and epidemiologic investigations, data analysis and synthesis)	☐	☐	☐	☐
Basic public health sciences (e.g., using knowledge of disease cause, laboratory resources, and informatics principles to support epidemiologic practice)	☐	☐	☐	☐
Communication (e.g., development of written and oral reports, application of risk communication principles, usage of effective communication technologies)	☐	☐	☐	☐
Community dimensions of practice (e.g., development of community partnerships, support community public health planning)	☐	☐	☐	☐
Cultural competency (e.g., considering specific socio-cultural factors and groups subject to health disparities in investigations, analysis, and recommendations)	☐	☐	☐	☐
Operational planning and management (e.g., accomplishing program objectives through collaborative relationships and team building)	☐	☐	☐	☐
Leadership and systems thinking (e.g., ethical conduct in epidemiologic practice, preparing for emergency response)	☐	☐	☐	☐
Policy development (e.g., incorporating epidemiologic perspective in policy development and analysis)	☐	☐	☐	☐

LLS only	Not at all	A little	Somewhat	Very much
Quality Management Systems (e.g., analyze how the laboratory's organizational structure ensures quality)	☐	☐	☐	☐
Laboratory Safety (e.g., assess risks and hazards within a given laboratory setting)	☐	☐	☐	☐
Applied Laboratory Research, Investigation, and Surveillance (e.g., support the continuous, systematic	☐	☐	☐	☐

collection, analysis, and interpretation of health-related data)				
Informatics (e.g., apply information science, computer science, and information technology to public health practice, research, and learning)	☐	☐	☐	☐
Bioinformatics (e.g., interpret biological data using computational techniques, algorithms, and bioinformatics principles)	☐	☐	☐	☐
Communication (oral and written) (e.g., develop clear and concise information about public health laboratories appropriate to the audience)	☐	☐	☐	☐
Leadership and Management (e.g., apply leadership skills to promote the mission and vision of public health laboratories)	☐	☐	☐	☐

45. **[Year 1 only]** Please indicate the extent to which the following fellowship activities prepared you to perform your job duties in your current position.

EIS only	Not at all	A little	Somewhat	Very much	Did not complete activity during my fellowship
Conduct or participate in a field investigation of a potentially serious public health problem that requires a timely response	☐	☐	☐	☐	☐
Design, conduct, and interpret an epidemiologic analysis	☐	☐	☐	☐	☐
Evaluate a public health surveillance system	☐	☐	☐	☐	☐
Give an in-depth public health talk on your original work or in your field of study	☐	☐	☐	☐	☐
Give a 5–15 minute oral presentation to a scientific audience	☐	☐	☐	☐	☐
Write a scientific manuscript for a peer-reviewed journal	☐	☐	☐	☐	☐
Write a concise public health update communicating timely information	☐	☐	☐	☐	☐
Write a scientific abstract	☐	☐	☐	☐	☐
Communicate complex scientific concepts to a lay audience	☐	☐	☐	☐	☐
Provide service to the agency (health department or CDC)	☐	☐	☐	☐	☐

LLS only	Not at all	A little	Somewhat	Very much	Did not complete activity during my fellowship
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Conduct applied laboratory research to address a public health or safety-related issue.	☐	☐	☐	☐	☐
Conduct a safety risk assessment to evaluate the probability and potential consequences of exposure to a given hazard.	☐	☐	☐	☐	☐
Evaluate a quality management system.	☐	☐	☐	☐	☐
Incorporate bioinformatics principles into applied public health laboratory science.	☐	☐	☐	☐	☐
Give a 10–20 minute oral presentation to a scientific audience.	☐	☐	☐	☐	☐
Give an in-depth public health talk on your original LLS work or field of study.	☐	☐	☐	☐	☐
Write and submit, as first author, a scientific manuscript for a peer-reviewed journal.	☐	☐	☐	☐	☐
Participate in laboratory operations management.	☐	☐	☐	☐	☐
Communicate complex scientific concepts to an external lay audience.	☐	☐	☐	☐	☐
Provide service to the agency (laboratory or CDC-wide).	☐	☐	☐	☐	☐

[Page 30] Influence on Career Path

46. **[Year 1 only]** How influential has [EIS / LLS] been to your career path?

- a. Not at all influential
- b. Slightly influential
- c. Somewhat influential
- d. Very influential
- e. Extremely influential

[Page 31] Alumni Engagement

47. How frequently do you interact with the following groups on work-related topics?

	Never – We do not interact or we only interact outside of work	Rarely – Once a year or less	Sometimes – About once a quarter	Often – About once a month	Frequently – Every week or every day
Other [EIS / LLS] alumni	☐	☐	☐	☐	☐
Current [EIS / LLS] officers	☐	☐	☐	☐	☐
EIS: Former host site supervisors and colleagues; LLS: Your former LLS supervisors or mentors	☐	☐	☐	☐	☐

Current or [EIS / LLS] EIS program staff	☐	☐	☐	☐	☐
EIS: Public health laboratory professionals (including LLS fellows); LLS: Epidemiologists (including EIS colleagues)	☐	☐	☐	☐	☐

48. What kinds of activities does your current relationship with the following groups entail? Select all that apply.

	Not applicable - I don't interact with this group	Networking	Sharing resources and information	Professional working relationship	Supervise or mentor individuals	EIS applicant recruitment activities	Other
Other [EIS / LLS] alumni	☐	☐	☐	☐	☐	☐	☐
Current [EIS / LLS] officers	☐	☐	☐	☐	☐	☐	☐
EIS: Former host site supervisors and colleagues LLS: Your former LLS supervisors or mentors	☐	☐	☐	☐	☐	☐	☐
Current or former [EIS / LLS] program staff	☐	☐	☐	☐	☐	☐	☐
EIS: Public health laboratory professionals (including LLS fellows) LLS: Epidemiologists (including EIS colleagues)	☐	☐	☐	☐	☐	☐	☐

49. If you selected "other" to the question above, please describe how you engage with those groups. [open-ended]

50. **LLS only:** How valuable has collaboration post-LLS been with the following groups?

	Not at all valuable	A little valuable	Moderately valuable	Extremely valuable	Not applicable

Other LLS alumni	☐	☐	☐	☐	☐
Current LLS fellows	☐	☐	☐	☐	☐
Epidemiologists (including EIS colleagues)	☐	☐	☐	☐	☐
Your former LLS supervisors/mentors	☐	☐	☐	☐	☐
Current or former LLS Program Staff	☐	☐	☐	☐	☐

[Page 32] [EIS / LLS] Support

51. What kind of support would be helpful to you post-fellowship? Please consider career progression, networking, belonging, and inclusion.

[Page 33] General Information

The following questions on this page are optional.

52. What is your ethnicity?

- a. Hispanic or Latino
- b. Not Hispanic or Latino
- c. I prefer not to answer

53. What is your race? *Select all that apply.*

- a. American Indian or Alaska Native
- b. Asian
- c. Black or African American
- d. Native Hawaiian or Other Pacific Islander
- e. White
- f. Prefer not to answer/decline

54. Do you identify as: *Select all that apply.*

- a. Female
- b. Male
- c. Transgender
- d. I use a different term [free-text]

55. How old are you? [whole number]

Fellowship Recruitment and Promotion

[Page 34] Interest in Recruitment Activities

56. Alumni are a great way to get the word out about CDC's fellowship programs. **Are you interested in participating in any future efforts to recruit or promote your fellowship?** *If “Yes,” you may be contacted by CDC Division of Workforce Development staff. Your contact information will not be shared with anyone outside of DWD.¹*
- a. Yes **(continue to Respondent Location)**
 - b. No **(skip to Conclusion)**

[Page 35] Respondent Location

If you reside in the United States and are interested in participating in a recruitment event near you, please share your location information.

57. City: [open-ended]
58. State/Territory: [open-ended]

[Page 36] Conclusion

Thank you for taking the time to complete this survey. Please contact ELWBeval@cdc.gov with any questions.