

FUTURE OF THE LABORATORY WORKFORCE – PUBLIC HEALTH LABORATORY PERSPECTIVE

Anthony Tran, DrPH, MPH, D(ABMM), MT(ASCP)

Director, San Francisco Laboratory

US Food and Drug Administration
Office of Regulatory Affairs
Office of Regulatory Sciences

THE IMPACT OF THE COVID-19 PANDEMIC

Rising Stress and Burnout in Public Health

Two years into the COVID-19 pandemic, a survey of nearly 45,000 employees in state and local government health departments reveals high levels of stress, burnout, and intent to leave.





POST-TRAUMATIC STRESS AND MENTAL HEALTH

More than half of public health workers report symptoms of post-traumatic stress disorder (PTSD), and many are struggling with their mental health.

Rising Stress and Burnout in Public Health





POST-TRAUMATIC STRESS AND MENTAL HEALTH

More than half of public health workers report symptoms of post-traumatic stress disorder (PTSD), and many are struggling with their mental health.

Has the coronavirus or COVID-19 outbreak been so frightening, horrible, or upsetting that you...

- Had nightmares about it or thought about it when you did not want to?
- . Tried hard not to think about it, or went out of your way to avoid situations that reminded you of it?
- · Were constantly on guard, watchful, or easily startled?
- Felt numb or detached from others, activities, or your surroundings?



More than 1 in 5 employees (22%) reported that their mental health was either "fair" or "poor"



reported at least one symptom of PTSD



reported 3 or more symptoms, indicating probable PTSD



BULLYING, THREATS, AND HARASSMENT

Many public health workers, especially executives, report bullying, threats, and harassment.



2 in 5 (41%)

"I have felt bullied, threatened, or harassed."



executives

"I have felt my public health expertise was undermined or challenged."



INTENT TO LEAVE

Nearly 1 in 3 public health employees say they are considering leaving their organization within the next year.

REASONS FOR LEAVING

Work overload/burnout

Lack of opportunities for advancement



of employees who are considering leaving said the pandemic made them more likely to leave.



JOB SATISFACTION

Despite the challenges they have faced, a majority of public health workers remain committed to their jobs and organizations.

79% Satisfied

with job

68%

Satisfied with organization

94%

"The work I do is important."

93%

"I am determined to give my best effort at work every day."





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BULLYING, THREATS, AND HARASSMENT

Many public health workers, especially executives, report bullying, threats, and harassment.



2 in 5 (41%) public health executives

"I have felt bullied, threatened, or harassed."



3 in 5 (59%) public health executives

"I have felt my public health expertise was undermined or challenged."



INTENT TO LEAVE

Nearly 1 in 3 public health employees say they are considering leaving their organization within the next year.

REASONS FOR LEAVING

49% Pay

Work overload/burnout

Lack of opportunities for advancement

Stress

7% Organizational climate/culture

39%

of employees who are considering leaving said the pandemic made them more likely to leave.



JOB SATISFACTION

Despite the challenges they have faced, a majority of public health workers remain committed to their jobs and organizations.

79%

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94%

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Satisfied with job

Satisfied with organization

"The work I do is important."

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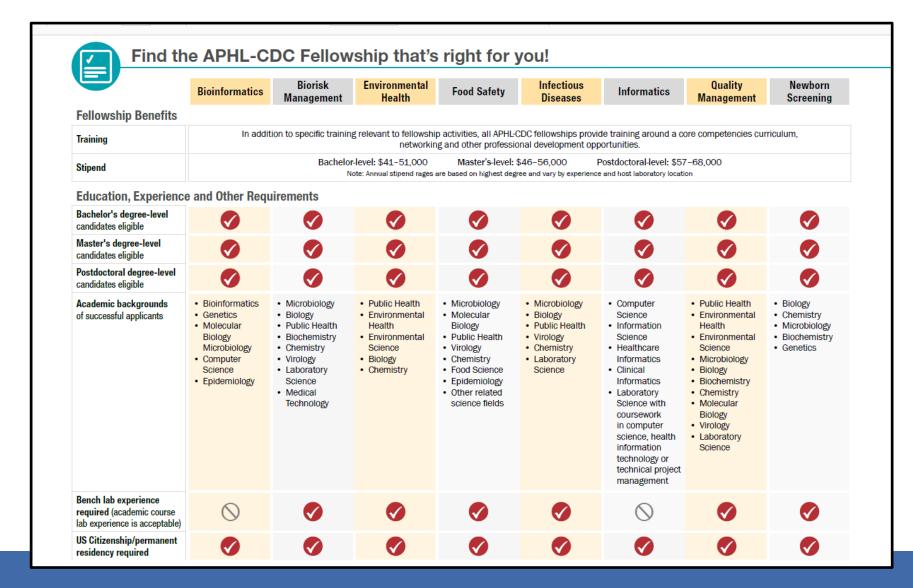
Findings from the Public Health Workforce Interests and Needs Survey (PH WINS), conducted by the de Beaumont Foundation and the Association of State and Territorial Health Officials from September 2021 to January 2022.

Goals of the Workforce Pipeline Project

- Grow the pool of applicants for internship and fellowship opportunities, targeting underrepresented and under-served populations
- Expand curriculum and professional development offerings to better prepare participants for careers in PHL science









Fellowship Application Status 3-11-2022

| Program | Applicants | Mentors in Host Labs | Projects in Host Labs |
|----------------------|------------|-------------------------|--------------------------|
| Bioinformatics | 44 | 41 | 58 |
| Biorisk | 32 | 7 | 11 |
| Environmental Health | 113 | 42 | 59 |
| Food Safety | 44 | 14 | 22 |
| Quality Management | 36 | 19 | 30 |
| Infectious Diseases | 337 | 56 | 84 |
| Informatics | 14 | 9 | 17 |
| Newborn Screening | 32 | 17 | 22 |
| | | | |
| Final Total | 651 | 203 | 303 |



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