



# Internship Description

## Office of Practice and Learning

### DSHS Internships

Please complete the below template, using comments as guidance.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                 |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Internship Title:</b><br>Antimicrobial Resistance (AR) Epidemiology                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <b>Division, Program:</b><br>Infectious Disease Prevention                                                                                                                      |  |
| <b>Location (City/Region)</b> Virtual - Texas                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>Preceptor Name, Title:</b>                                                                                                                                                   |  |
| <b>Street address</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | Name and title 1 Gabrielle Franco                                                                                                                                               |  |
| <b>City, TX</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | Name and title 2                                                                                                                                                                |  |
| This role can be either virtual or hybrid.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | Name and title 3                                                                                                                                                                |  |
| <b>Hours/Week:</b><br><input type="checkbox"/> 5 - 10<br><input type="checkbox"/> 10 - 15<br><input checked="" type="checkbox"/> 15 - 20<br><input checked="" type="checkbox"/> Variable                                                                                                                                                                                                                                                                                                            |  | <b>Preferred Academic Level:</b><br><input type="checkbox"/> Undergraduate<br><input checked="" type="checkbox"/> Masters<br><input type="checkbox"/> No Preference             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | <b>In Person:</b><br><input checked="" type="checkbox"/> None<br><input type="checkbox"/> Occasionally<br><input type="checkbox"/> Frequently<br><input type="checkbox"/> Fully |  |
| <b>Brief description:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                 |  |
| Antimicrobial resistance (AR) is a growing public health threat that requires timely surveillance and response. The Healthcare Safety Unit (HSU) collaborates with healthcare facilities, local health departments, and laboratories to investigate AR cases and support containment efforts. This internship will provide hands-on experience in AR surveillance, data entry and quality assurance, process automation, data analysis, and communicating findings to support public health action. |  |                                                                                                                                                                                 |  |

## Disciplines

|                                                             |                                                                             |                                                |
|-------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------|
| <input checked="" type="checkbox"/> Research/Data Analytics | <input checked="" type="checkbox"/> Epidemiology                            | <input type="checkbox"/> Health Promotion      |
| <input type="checkbox"/> Communication/Marketing            | <input checked="" type="checkbox"/> Program Evaluation                      | <input type="checkbox"/> Health Administration |
| <input type="checkbox"/> Environmental Health               | <input checked="" type="checkbox"/> Biostatistics                           | <input type="checkbox"/> Other                 |
| <input type="checkbox"/> Policy Analysis and Development    | <input type="checkbox"/> Other: Professional development quality management |                                                |

## Internship Details

### Intern Activities

1. Enter, manage, and validate antimicrobial resistance (AR) surveillance data
2. Conduct data quality assurance (QA) activities
3. Support AR response activities
4. Draft abstract for potential submission to a public health conference or publication

### Intern Deliveries

1. Oral PowerPoint presentation summarizing internship activities
2. Data quality assurance (QA) report to improve AR surveillance
3. AR surveillance data summary including key findings and recommendations
4. Abstract draft for potential submission to a public health conference or publication

## Applicant Qualifications

### Required Skills

| Skill                                                                                       |  |
|---------------------------------------------------------------------------------------------|--|
| <input checked="" type="checkbox"/> Microsoft Office                                        |  |
| <input checked="" type="checkbox"/> Word                                                    |  |
| <input checked="" type="checkbox"/> Excel                                                   |  |
| <input checked="" type="checkbox"/> PowerPoint                                              |  |
| <input checked="" type="checkbox"/> Statistical Analysis applications (SPSS, STATA, etc.)   |  |
| <input type="checkbox"/> Tableau or similar applications                                    |  |
| <input type="checkbox"/> Other software applications                                        |  |
| <input checked="" type="checkbox"/> Academic Level:                                         |  |
| <input type="checkbox"/> No requirement                                                     |  |
| <input type="checkbox"/> Any other skills required (soft or technical)                      |  |
| Data analysis, data management, attention to detail, critical thinking and problem-solving. |  |

## Preferred Skills

| Skill                                                                                       |                                                                         |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <input checked="" type="checkbox"/>                                                         | Microsoft Office                                                        |
| <input checked="" type="checkbox"/>                                                         | Word                                                                    |
| <input checked="" type="checkbox"/>                                                         | Excel                                                                   |
| <input checked="" type="checkbox"/>                                                         | PowerPoint                                                              |
| <input checked="" type="checkbox"/>                                                         | Statistical Analysis applications (SPSS, STATA, etc.)                   |
| <input checked="" type="checkbox"/>                                                         | Tableau or similar applications                                         |
| <input checked="" type="checkbox"/>                                                         | Other software applications <input type="text" value="SAS, R, ArcGIS"/> |
| <input checked="" type="checkbox"/>                                                         | Academic Level: <input type="text" value="Graduate"/>                   |
| <input type="checkbox"/>                                                                    | No requirement                                                          |
| <input type="checkbox"/>                                                                    | Any other skills required (soft or technical)                           |
| Data analysis, data management, attention to detail, critical thinking and problem-solving. |                                                                         |

## Application Instructions

Qualified and interested applications must complete and submit the following items on the [Survey Monkey application](#):

- ☒ Survey Monkey Application
- ☒ Letter of Interest
- ☒ Resume
- ☐ Writing Sample
- ☐ Other documents

## Contact Information for Inquiries

### Contact Name and Information

**Name:**

**Credentials:**

**Title:**

**Email address:**