

Internship Title: Texas DSHS Emerging and Acute Infectious Diseases: Enhanced Respiratory Virus Surveillance			
Internship Location: In-Person only		Preceptor Name and Title: Emilio Gonzales, Epidemiologist II	
Brief Description			
Understand influenza and respiratory disease surveillance structures in the State of Texas, including the multiple data streams and sources involved and be able to explain its structure to public health stakeholders; Learn and apply data analysis skills to analyze respiratory virus data provided by submitters statewide; Assist in developing a recruitment plan/material, and possibly statewide guidance, that targets vital areas in need of strengthened respiratory diseases reporting in order to maintain situational awareness and pandemic preparedness; Utilize communication and project management skills to coordinate and facilitate communications between local level providers/facilities/physicians and health departments to encourage participation in influenza surveillance.			
Approximate Total Weekly Hours: 16-20	Paid: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	DSHS Division: Laboratory and Infectious Diseases	Program: Emerging and Acute Infectious Diseases

Disciplines of Public Health

<input checked="" type="checkbox"/> Biostatistics/Data Analytics	<input checked="" type="checkbox"/> Epidemiology	<input type="checkbox"/> Health Promotion
<input checked="" type="checkbox"/> Health Communication	<input checked="" type="checkbox"/> Program Planning	<input type="checkbox"/> Health Administration
<input type="checkbox"/> Environmental Health	<input checked="" type="checkbox"/> Research	<input checked="" type="checkbox"/> Program Evaluation
<input type="checkbox"/> Policy Analysis and Development	<input type="checkbox"/> Other: Click or tap here to enter text.	

Internship Details

Intern Activities
<ul style="list-style-type: none"> Review and analyze respiratory disease data to assess the need for expanded syndromic surveillance sites based on geographic and population needs. Produce reports highlighting targeted areas of interests that are identified indicate a lack of effective reporting of respiratory diseases. Create recruitment materials and tools to encourage participation in influenza surveillance programs and lab sample submissions for a variety of public health stakeholders.

- Communicate with providers/physicians/facilities, local health departments, and regional health departments to reengage and onboard key stakeholders to respiratory disease reporting.
- Work in tandem with the Influenza epidemiologist and possibly other members of the Emerging and Acute Infectious Disease unit or the Office of the Chief State Epi to produce effective analyses and visualizations of respiratory disease data.

Intern Deliverables

- A report and/or needs assessment identifying locations that are lacking in effective respiratory disease reporting based on an analysis using available data.
- A report and/or needs assessment that details the barriers for both providers and local health departments in ensuring effective levels of respiratory disease reporting to multiple surveillance systems.
- Recruitment plan/materials/official State guidance or outlines that may be utilized by regional/local health departments and epidemiologists to engage stakeholders.

As part of an end-of-semester celebration of the interns, the intern will give a brief PowerPoint or poster presentation of their project and experience to an audience of DSHS staff and university partners.

Applicant Qualifications

Required	Skill
	<input checked="" type="checkbox"/> Microsoft Office: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Word <input checked="" type="checkbox"/> Excel <input checked="" type="checkbox"/> PowerPoint
	<input type="checkbox"/> Statistical Analysis applications (SPSS, STATA, etc.)
	<input type="checkbox"/> Tableau or similar applications
	<input type="checkbox"/> Other software applications
	Academic Level Bachelor's level or higher program in Public Health, Biostatistics, Epidemiology, Health Communications, Project Management, or similar, which has provided some public health as well as some statistical analysis and/or quantitative analysis training/education.
	Any other skills required (soft or technical) Foundational knowledge of public health; Effective communication with an ability to relay information to a variety of stakeholders; Ability to produce reports and/or documents which can be easily referenced by stakeholder for project planning; Basic understanding of statistical significance and analysis with an ability to infer and present results. Database and dataset management through the use of data management tools/systems.

Preferred	Skill
	<input checked="" type="checkbox"/> Microsoft Office: <ul style="list-style-type: none"> <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
	Survey tools
	Academic Level Master's level program in Public Health, Biostatistics, Epidemiology, Health Communications, Project Management, or similar, which has provided some public health as well as some statistical analysis and/or quantitative analysis training/education with an ability to manage both health and population datasets.
	Any other skills required (soft or technical) Knowledge of epidemiologic principles and their applications, project management, and data analysis.

Application Instructions

Qualified and interested applicants must submit the following items to the contact below:

<input checked="" type="checkbox"/> Application	<input checked="" type="checkbox"/> Letter of Interest	<input checked="" type="checkbox"/> Two letters of recommendation Instructions: Letters from current or former supervisor or faculty members (in lieu of reference checks).
<input checked="" type="checkbox"/> Resume	<input type="checkbox"/> Writing Sample	<input type="checkbox"/> Other documents: Click or tap here to enter text.

Contact Information

Contact Name and Information	Name: Craig Gilden Credentials: MEd Title: Education Coordinator Email: internships@dshs.texas.gov
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