

Internship Title: Mpox Surveillance and Data Analysis Project			
Internship Location: Hybrid: In-person and Virtual		Preceptor Name and Title: Dr. Stephen L. White, Epidemiologist III Team Lead	
Brief Description			
The High Consequence Infectious Disease (HCID) Epidemiology Intern will be primarily responsible for organizing and extracting data from public health investigations conducted during the 2022 mpox outbreak in Texas. This data will supplement current case investigation data found in DSHS' surveillance system and be used to gain insight into the 2022 mpox outbreak. Through this experience, the HCID Epidemiology Intern gain an understanding of the public health surveillance process, learn and apply data extraction as a public health tool, learn and apply basic statistical measures to describe a dataset.			
Approximate Total Weekly Hours: 15-20	Paid: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	DSHS Division: Laboratory and Infectious Disease Services	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 type="checkbox"/> Health Communication	<input type="checkbox"/> Program Planning	<input type="checkbox"/> Health Administration
<input type="checkbox"/> Environmental Health	<input checked="" type="checkbox"/> Research	<input 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"> • Extract data from surveillance forms related to the 2022 mpox outbreak • Compile a dataset containing data from extracted documents, NEDDS, and other pertinent surveillance sources. • Organize surveillance forms, laboratory results, and other documents from the 2022 mpox outbreak • Assist in data cleaning and analysis of the compiled dataset • Assist in the preparation of an internal report or peer-reviewed publication.
Intern Deliverables
<ul style="list-style-type: none"> • Completed dataset of 2022 mpox data containing extracted data

- Draft input on an internal report or peer-reviewed publication of the 2022 mpox outbreak

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	
Undergraduate student or recent graduate, within 2 years (preferably in public health, epidemiology, biology, medical laboratory science, statistics, healthcare administration, health promotion, or closely related field)	
Any other skills required (soft or technical)	
Ability to learn quickly; attention to detail; ability to communicate effectively and work in a team environment; foundational knowledge in basic statistical analysis	
Preferred	Skill
	<input type="checkbox"/> Microsoft Office: <ul style="list-style-type: none"> <input type="checkbox"/> Word <input type="checkbox"/> Excel <input type="checkbox"/> PowerPoint
	<input checked="" type="checkbox"/> Statistical Analysis applications (SPSS, STATA, etc.) Preferably SAS experience (SASY Viya is available for statistical analysis)
	<input checked="" type="checkbox"/> Tableau or similar applications
	<input type="checkbox"/> Other software applications Click or tap here to enter text.
	Academic Level
	Graduate student (master's level) or recent graduate, within 2 years (preferably in public health, epidemiology, biology, medical laboratory science, statistics, healthcare administration, health promotion, or closely related field)
Any other skills required (soft or technical)	
Click or tap here to enter text.	

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 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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