



Internship Title:

Analytics and Information Management GIS Intern

Internship Location: (Please also indicate if the internship is offered In-Person only, Virtual only, or either In-Person or Virtual)

Virtual, with the option to come into the Austin office

Preceptor Name and Title:

Macey Lively, GIS/Research Specialist V

Brief Description

The Analytics and Information Management (AIM) team GIS intern will work within the Regional and Local Health Operations division to create deliverables for Operation Border Health Preparedness (OBHP). Operation Border Health Preparedness is a public health emergency preparedness exercise that helps the community prepare for disasters while offering free medical, dental, and vision services during the weeklong event. This internship will provide opportunities to learn how epidemiology, community health, and spatial science intersect. During this internship you will actively contribute to the development of surveys, training materials, data products, visualizations, and reports for OBHP.

Approximate Total Weekly Hours:
15-25

Paid:

☐ Yes

☒ No

DSHS Division:

Regional and Local Health Operations

Program:

Office of the Associate Commissioner

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 type="checkbox"/> Program Planning	<input type="checkbox"/> Health Administration
<input type="checkbox"/> Environmental Health	<input type="checkbox"/> Research	<input type="checkbox"/> Program Evaluation
<input type="checkbox"/> Policy Analysis and Development	<input checked="" type="checkbox"/> Other: Spatial science	

Internship Details

Intern Activities

- Data management and analysis
- Produce data collection training material for event staff and volunteers
- Create visualizations using ArcGIS software, which may include ArcGIS Pro and ArcGIS Online (including internal Esri applications such as Hub, Experience Builder, Dashboards, and Map Viewer)
- Provide support to data collectors virtually during the OBHP event

Intern Deliverables

- The intern will develop training materials for OBHP staff
- The intern will create data visualizations to analyze current and historical data from the OBHP event
- The intern will present their final products to the Analytics and Information Management team and stakeholders (OBHP staff & volunteers)

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 checked="" type="checkbox"/> ArcGIS Software (ArcMap, ArcGIS Pro, and/or ArcGIS Online)
	<input type="checkbox"/> Other software applications
	Academic Level Currently enrolled full-time or part-time student of an accredited university or college; or recent graduate with Bachelor's or Master's Degree in Public Health, Geography, or other relevant coursework
	Any other skills required (soft or technical) Click or tap here to enter text.
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 (SAS, STATA, R, Python, or other)

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
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		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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