

**Internship Title:**

Analytics and Information Management GIS Intern

**Internship Location:**

Virtual, with the option to come into the Austin office

**Preceptor Name and Title:**

Macey Lively, GIS/Research Specialist V  
Valerie Desrosier, 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 GIS deliverables such as maps and dynamic dashboards for statewide health analytics. The projects will provide opportunities to learn how epidemiology and spatial science intersect with public health and emergency response. During this internship you will actively contribute to the development of data products in collaboration with various public health programs, such as the Office of Border Public Health (OBPH), the Center for Health and Emergency Response (CHEPR), or the public health regions.

**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 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: <a href="#">Click or tap here to enter text.</a>	

**Internship Details**

**Intern Activities**

- Data management and analysis
- Research and apply various geospatial tools
- Become familiar with various ArcGIS software, including ArcGIS Pro and ArcGIS Online (including internal Esri applications such as Hub, Experience Builder, Dashboards, and Map Viewer)
- Example projects include creating ArcGIS Online dashboards and applications for the following projects: Community Assessment for Public Health Emergency Response (CASPER), border health analysis, historical COVID response analysis

## Intern Deliverables

- The intern will design and complete an ArcGIS Online dashboard or application(s)
- Present final product to stakeholders and Analytics and Information Management team
- [Click or tap here to enter text.](#)

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"> <li><input checked="" type="checkbox"/> Word</li> <li><input checked="" type="checkbox"/> Excel</li> <li><input checked="" type="checkbox"/> PowerPoint</li> </ul>
	<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) <a href="#">Click or tap here to enter text.</a>
Preferred	Skill
	<input type="checkbox"/> Microsoft Office: <ul style="list-style-type: none"> <li><input type="checkbox"/> Word</li> <li><input type="checkbox"/> Excel</li> <li><input type="checkbox"/> PowerPoint</li> </ul>
	<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 type="checkbox"/> Letter of Interest	<input type="checkbox"/> <b>Two letters of recommendation</b> 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: <a href="#">Click or tap here to enter text.</a>

### Contact Information

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