

2023-24 Texas Public Health Fellowship



Texas Department of State Health Services

Fellowship Description: Center for Health Statistics, Public Health GIS Fellowship
Fellowship ID#: 2023029

Fellowship Details

Host Site Organization Name: Texas Department of State Health Services

Host Site Division/Program: Office of the Chief State Epidemiologist, Center for Health Statistics, GIS Team

Fellowship Name/Title: Public Health GIS Fellowship

Host Site/Fellowship Location: 1100 W 49th Street, Austin, TX 78756

Host Site Workplace Setting: Combination of onsite and virtual

Primary Fellowship Topic: Environmental Health Sciences

Secondary Fellowship Topic: Social and Behavioral Sciences

Sub Disciplines:

Health Communication

Medical Geography

Public Health Skill Areas:

Data Analytics and Assessment

Communication

Public Health Sciences

Fellowship Overview and Salary

Annual Salary	\$40,000	Percentage of Travel	0	Benefits eligible?	Yes
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The GIS Team of the Center for Health Statistics works to provide mapping and analysis for programs across Texas Health and Human Services. This includes completing geocoding requests, generating static maps, developing interactive web map applications, and performing spatial analysis. The fellow will be expected to contribute to work on these day-to-day operations, but will also have some flexibility to develop their own research project. The research project will focus on spatial analysis of a public health issue that interests them. This can include cluster-outlier analyses, emerging hotspot detection, regression-based modeling, network analysis, or any other spatial statistics approach. The fellow will be encouraged to collaborate with other GIS Team members and Center for Health Statistics teams and datasets. Outputs can include a web map application, internal report, conference presentation, or research paper.

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Required Applicant Qualifications

(The following qualifications are REQUIRED. Do NOT apply to this position unless you currently meet or plan to meet these requirements by the start of the Fellowship, June 1, 2023.)

Required certification/license:

No requirement

Ability to Speak in Spanish:

No Requirement

Ability to Write in Spanish:

No Requirement

Preferred Educational Qualifications

(The following preferences are guidelines provided by the Host Site. These are NOT requirements. Host Sites prefer that applicants have completed or are currently working toward these.)

Preferred Level of Education: Bachelor's degree

Preferred Training/Courses/Degree:

GIS (Geographic information systems/science) coursework or experience

Preferred Specialized and Technical Skills

(The following skills will be a focus during this particular Fellowship position. If you have or are interested in developing data analysis skills or building technical skills in the software listed below, this could be a good Fellowship position for you.)

Data Analysis Skills:

Somewhat Skilled: has done Data Analysis in coursework, but not applied Data Analysis in the real world

Statistical Software:

ArcMap or ArcGIS

Skill Level with Statistical Software:

Somewhat proficient-has come experience using the software, but needs guidance or more training

Other Software:

No Preference