Texas Health and Human Services | Texas Department of State Health Services

| **Internship Title:** |
| Healthcare Associated Infections and Antimicrobial Resistance (HAI/AR) Epidemiology |

Internship Location:	**Preceptor Name and Title:**
Austin or Virtual from Texas	Jenna Harlan, Varsha Misra, Healthcare Safety Unit

Brief Description
Healthcare Associated Infections (HAIs) and antibiotic resistance (AR) are internationally and nationally recognized by the scientific and medical communities as serious public health threats. The Healthcare Safety Unit (HSU) works collaboratively with healthcare facilities, local health departments, public health laboratories and other stakeholders to respond to HAI and AR investigations via sharing of information, education and trainings. The internship will allow the student to (1) learn the epidemiology of HAI and AR; (2) recognize what infection prevention and control practices healthcare facilities should follow to contain the spread of HAI and AR; (3) understand how to manage and disseminate HAI and AR information to different stakeholders.

Approximate Total Weekly Hours: Varies	**Paid:** ☐Yes ☒No	**DSHS Division:** Office of Chief State Epidemiologist Division; Disease Surveillance and Epidemiology Section	**Program:** Healthcare Safety Unit

Disciplines of Public Health

☒ Biostatistics/Data Analytics	☒ Epidemiology	☒ Health Promotion
☒ Health Communication	☐ Program Planning	☐ Health Administration
☐ Environmental Health	☒ Research	☒ Program Evaluation
☐ Policy Analysis and Development	☐ Other: Click or tap here to enter text.	

Internship Details

Intern Activities
• Compile, manage, and evaluate HAI and AR data • Report and disseminate HAI and AR data to different stakeholders • Support HAI prevention and response efforts across the state, which could include gathering information, identifying risk factors for infection, and writing reports • Click or tap here to enter text. • Click or tap here to enter text.

| **Intern Deliverables** |

- Oral power point presentation for program staff
- Abstract draft for potential submission to a peer-reviewed journal for publication or for potential submission for presentation at a public health conference
- **Other deliverables as determined by intern's school/DSHS program**

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
	☒ Microsoft Office:
	☒ Word
	☒ Excel
	☒ PowerPoint
	☒ Statistical Analysis applications (SPSS, STATA, etc.)
	☐ Tableau or similar applications
	☐ Other software applications
	Academic Level Graduate student
	Any other skills required (soft or technical) Technical writing, critical thinking and problem-solving.
Preferred	**Skill** (check all that apply)
	☐ Microsoft Office:
	☐ Word
	☐ Excel
	☐ PowerPoint
	☐ Statistical Analysis applications (SPSS, STATA, etc.)
	☐ Tableau or similar applications
	☒ Other software applications SAS, ArcGIS
	Academic Level Click or tap here to enter text.
	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:

☒ Application	☒ Letter of Interest	☐ **Two letters of recommendation**

		Instructions: Letters from current or former supervisor or faculty members (in lieu of reference checks).
☒ Resume	☐ Writing Sample	☐ 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