

# JESSIE AUSMAN

**Data Analyst, Public Health Professional**

## EDUCATION

2022–Present

- **Certified in Public Health (CPH)**

Certification awarded to MPH graduates who pass the CPH exam administered by NBPHE

 Fort Worth, TX

2020–2022

- **University of North Texas Health Science Center (UNTHSC)**

Master's of Public Health (Epidemiology Concentration) | Dean's List

 Fort Worth, TX

2017–2019

- **University of Texas at Arlington**

Bachelor's of Science, Microbiology | Summa Cum Laude Honors

 Arlington, TX



## EXPERIENCE

2023–Present

- **Public Health Informatics Analyst**

Tarrant County Public Health Department  Fort Worth, TX (Hybrid)

- Completed daily public health data analyses and ad hoc requests
- Managed Postgres database and designed Shiny application for point-and-click querying for personnel with limited R/SQL experience
- Documented daily processes using RMarkdown and Quarto
- Visualized & summarized data for executive leadership, internal personnel, and the general public via Power BI, Flexdashboard (R), and Quarto

2022–2023

- **Epidemiology Specialist**

Tarrant County Public Health Department  Fort Worth, TX

- Conducted vaccine-preventable and foodborne disease investigations
- Trained others on disease investigation processes and data entry/management

2020–2022

- **Graduate Research Assistant**

UNTHSC, Center for Older Adults  Fort Worth, TX (Hybrid)

- Acted as IT/Data Entry for zoom-based, Project ECHO programs; National Nursing Home COVID-19 Action Network Project ECHO, Nursing Home STRONG Project ECHO, & Geriatric Project ECHO
- Conducted literature reviews and summarized data for HRSA grant proposals
- Cleaned, analyzed, and visualized clinical, demographic, and training data and summarized findings to program leadership

*Public Health Informatics Analyst, specializing in the analysis and visualization of public health data, database management and process documentation. Seeking a position in Data Science.*

## CONTACT INFO

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 [github.com/JessAus](https://github.com/JessAus)

 [LinkedIn](#)

 817-528-5464

## SKILLS

Advanced R

R Package Development

Quarto / RMarkdown

Shiny App Development

Git / GitHub

SQL / PostgreSQL

Public Health Data Analysis

Science Communication

- 2019–2020
- **Research Technician**  
University of Texas at Arlington 📍 Arlington, TX
    - Collected, organized, analyzed and presented scientific findings related to research on antimicrobial resistances
    - Conducted unsupervised microbial research in infectious microbes

## 💼 EXTRACURRICULAR ACTIVITIES & HONORS

- 2021-2022
- **School of Public Health Student Ambassador**  
University of North Texas Health Science Center 📍 Fort Worth, TX
    - Nomination-based student organization
    - Duties of members include: acting as tour guides, panelists in student preview day events, and mentors to prospective students
- 2020
- **Tarrant County Medical Reserve Corps (MRC)**  
Tarrant County Public Health Department 📍 Fort Worth, TX
    - Collected and entered patient information into eClinicalWorks system to assist in local COVID-19 response

*This resume was made with the R package [pagedown](#).*

*Last updated on 2024-01-04.*