

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 or Data Engineering.

CONTACT INFO

 jessaus1305@gmail.com

 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

API Integration

Script Automation

- 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 2024-01-05.