

# 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](mailto:jessaus1305@gmail.com)

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

 [in LinkedIn](#)

 817-528-5464

## SKILLS

R Package Development

Quarto / RMarkdown

Shiny App Development

Data Visualization via

Tableau/Power BI/R

API Integration

Script Automation

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

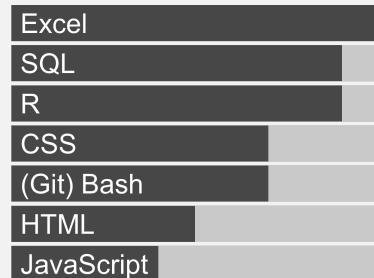
## EXTRACURRICULAR ACTIVITIES & HONORS

- 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
  - **Quality Control Volunteer**  
Tarrant Area Food Bank 📍 Fort Worth, TX
    - Collaborate in teams to ensure the safety of foods being delivered to Tarrant County residents
  - **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

## PRESENTATIONS/PUBLICATIONS

- 2022
- **Assessing the Utility of the Project ECHO Platform in Advancing the Knowledge, Skills and Abilities of the Healthcare Workforce to Improve the Health of Older Adults**  
Research Appreciation Day (RAD) | Presenter 📍 Fort Worth, TX
  - **Advancing the Knowledge, Skills and Abilities of the Long-term Care Workforce Through the Project ECHO Platform to Improve the Health of Older Adults**  
Texas Public Health Association (TPHA) | Presenter 📍 Virtual Conference
  - **Septal Class A Penicillin-Binding Protein Activity and LD-Transpeptidases Mediate Selection of Colistin-Resistant Lipooligosaccharide-Deficient *Acinetobacter baumannii***  
American Society for Microbiology (ASM) | Co-author 📍 Arlington, TX

## LANGUAGE SKILLS



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

Last updated on 2024-01-05.