

# Mary E. Tipton

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## Education

### University of North Texas Health Science Center / [Master of Public Health in Epidemiology](#)

- Relevant Coursework: Infectious Disease Epidemiology, Epidemiologic Surveillance, Data Management and Statistics, Applied Data Analysis in Epidemiology, GIS and Health, Medical Geography, Survey Research and Questionnaire Design

### Texas A&M University / [Bachelor of Arts in History](#)

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## Skills

### Office Software Proficiencies:

Microsoft Office Suite

Google Suite

### Data Analysis Programs:

Microsoft Excel

SAS data analysis software

R programming language

GIS mapping software

## Experience

### Texas Department of State Health Services / [Program Specialist III- Zoonosis Control](#)

2018 – 2019 Temple, TX

- Performed case investigations on all animals who had non-negative Rabies laboratory results reported within the region
  - Provided risk assessments and guidance on post-exposure prophylaxis to potentially exposed humans and animals
- Performed case investigations for reportable zoonotic diseases in humans
- Oversaw quality assurance on case investigations performed by local health departments
- Created tables and visualized case data for weekly and quarterly disease reports
- Performed quality assurance on data in case investigation databases
- Inspected animal quarantine facilities to enforce requirements laid out in the Texas Health and Safety Code
- Assisted in planning and presenting Animal Control Officer Basic and Continuing Education courses
- Provided education to the public on topics including Chagas and tick-borne diseases
- Staffed the 24/7 emergency call phone line

## **Tarrant County Public Health /** Medical Reserve Corps Volunteer

2017 – 2018 Fort Worth, TX

- Performed community faced investigations for Campylobacter, Salmonella, and Shigella infections reported in Tarrant County
- Performed interviews with Tarrant County residents for a Sick Building Syndrome investigation
  - Made over 100 interview calls
  - Assisted with data gathering for analysis team
  - Presented findings to analysis team in comprehensive verbal review
- Assisted Tuberculosis Department with chart reviews for reporting project
- Scheduled client appointments for the Women, Infants, and Children Program
- Worked with WIC Program on data quality analysis of new reporting system

## **JPS Health Network /** Infection Prevention & Control Intern

September 2017 – December 2017 Fort Worth, TX

- Performed literature review of hand hygiene compliance in inpatient settings and its relationship to healthcare associated infections
- Designed methodology and performed data collection for a cross-sectional study on hand hygiene compliance in Critical Care Units
  - Using Google Forms to electronically collect information
- Performed data cleaning and statistical analysis on primary data
- Communicated results of study to staff and community audiences through oral presentation and poster session
- Made recommendations for modifications to hand hygiene education for JPS system staff to increase the rate of compliance
- Rounded on inpatient units to assess hand hygiene protocol compliance and collect data for internal surveillance
- Assisted in hand hygiene education at JPS system new hire orientation
- Participated in environment of care inspections to check for compliance to Infection Prevention protocol
- Participated in surgical site infection surveillance for reporting to the National Healthcare Safety Network (NHSN)

## **Certifications and Trainings**

- **Certified in Public Health from the National Board of Public Health Examiners** / December 2017
- **Federal Emergency Management Agency (FEMA)**
  - Introduction to Incident Command System (IS-00100.B) / May 2018
  - ICS for Single Resources and Initial Action Incidents (IS-00200.B) / May 2018
  - Intermediate Incident Command System for Expanding Incidents (G300) / June 2019
  - Advanced Incident Command System, Command and General Staff (G400) / June 2019
  - National Incident Management System (NIMS) Introduction (IS-00700.A) / February 2017

- National Response Framework, An Introduction (IS-00800.C) / May 2018

- **Collaborative Institutional Training Initiative (CITI Program)**

- Human Subjects Research / August 2017
- Conflicts of Interest / August 2017
- Biomedical Research / September 2017
- Humanitarian Use Devices (HUDs) / September 2017