

RISHMA SHAH

155 Saint Donovan Street

6826002098

Fort Worth, TX, 76107

RishmaShah@my.unthsc.edu

<https://www.linkedin.com/in/rishma-shah-7ba194158>

EDUCATION

Masters in Public Health – Epidemiology

Expected Graduation May 2024

School of Public Health, University of North Texas Health Science Center, Fort Worth, TX

Current **GPA: 3.4/4.0** (cumulative GPA)

Bachelor of Dental Surgery

October 2020

- Narsinhbhai Patel Dental College and Hospital, Hemchandra Acharya North Gujarat University, Visnagar, Gujarat, India
- **Graduated with a GPA- of 3.58/4 (stood within the Top Ten throughout college)**
- (Total professional semester credits: 144)

SKILLS

- Epidemiological Research
- Statistical Analysis using SAS and R-studio
- Research design modeling and Development
- Proposal Writing
- Exceptional Communicator: Proficient in translating complex scientific concepts into clear, concise language for diverse audiences, facilitating effective communication, research findings, and crafting compelling proposals and reports in the realm of epidemiology and public health
- Initiative towards organizing events and making good camaraderie with people
- Adaptable and flexible to new challenges and new environments and tasks
- Analytical and attention to detail.

EXPERIENCE

Research Analyst

August 2023 – October 2023

Hsc next (Memsel),

Thomas England, (7134083435)

Assisting with Artificial intelligence-driven proposal writing for phage cocktail targeting early-onset colorectal cancer, research designing based on evidence-based literature, and analyzing and cleaning data.

Graduate Research Assistant

February 2023-present

Maternal Health Program at UNT Health Science Center,

Tosin Fadeyi, (6822070769)

- Assist with redacting personal health information related to medical and legal records for review by Texas Maternal Mortality and Morbidity Task Force members.

Associate Dentist

Aarsh Dental Clinic, Dr. Mohil Asnani (+91 9925864848)

July 2022

- Review the patient's medical history and reason to visit.
- Performed Dental Procedures, including Diagnostic X-rays, Prophylactic care, Root canal treatment, and Extractions, and I have assisted successfully in Major and Minor Surgical Procedures, including Implants.
- Educate patients about dental issues and proper oral care to manage and prevent dental diseases.

INTERNSHIP & VOLUNTEERING

TARRANT COUNTY PUBLIC HEALTH

May 2023-present

Angela Hagy, Deputy Director, Tarrant County Public Health
(8173215309, amhagy@tarrantcountytx.gov)

During my internship at Tarrant County Public Health Chronic Disease Department, I performed pivotal roles in data analysis, epidemiological research, and proposal development:

1. Data Analysis:

- Utilized SAS and R-Studio for comprehensive data analysis.
- Calculated strengths of association for disease trends.
- Generated clear visualizations and reports.

2. Epidemiological Research:

- Collaborated on designing and executing research studies to generate a Systematic Review.
- Applied rigorous methodologies to investigate determinants of oral health care utilization in Tarrant County.

This experience refined my skills in epidemiological analysis, research, and collaborative project management within the public health sector.

Below is the link to one of the products for health promotion as a part of my internship:

<https://app.vyond.com/videos/a4146977-7bf1-4af5-9d8a-a49568007f38>

NARSINHBHAI PATEL DENTAL COLLEGE AND HOSPITAL

October 2020

- Conducted 'ORAL HEALTH AWARENESS' Campaign,
- Volunteered in A '100 DENTURE DELIVERY' in 5 days Campaign, AND SWATCH BHARAT ABHIYAN
- Diagnosed and did prophylactic and preventive treatments in RURAL CAMPAIGNS,
- Assisted in major and minor surgery in various departments during my clinical posting.

Public Health Projects

Community Intervention Report:

Alanna Biblow, Health Communication, Center for Tobacco Products, FDA.
(alanna.biblow@fda.hhs.gov)

Report writing and concept Mapping on a health promotion campaign named “Real Cost,” coordinated with the U.S. Food and Drug Administration.

Health Promotion and Policy Advocacy for Oral Healthcare Access to I/DD coded Individuals without Medicaid Waiver Program:

Angela Hagy, Deputy Director, Tarrant County Public Health
(8173215309, amhagy@tarrantcountytexas.gov)

Data was collected by SurveyMonkey to analyze the gap in Tarrant County and analyze policies in place for I/DD coded individuals to advocate for and promote more oral health care access to these individuals.

RESEARCH

- **Presently working on:** Microscopic assessment of microleakage between conventional, resin-modified, metal reinforced and zirconia reinforced GIC, for class 1 cavity in permanent molars- an in vitro study.
- **Working On:** ‘A Multimodal Approach to Analyse Predictors in Association with The Health Disparities of Cognitive Decline.’
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PAPER AND POSTER PRESENTATION

- Management of oral lichen planus by diode laser'-Presented paper at 47th IDA conference (17/12/2017)
- 'The fluoridation controversy'-Presented paper at 49th IDA conference (8/12/2019)

ACHIEVEMENTS

- Awarded Silver medal on **World Oral Health Day** for Health Promotion.

CERTIFICATES:

- **Certificate of Public Health:** April 2024-2026
Credential ID: 21318
Issued by: National Board of Public Health Examiners.
- **Human Subjects Research (CITI Program)** August 2022-2025
Credential ID: 50583976
Access Link: [CITI Program Completion Certificate 50583976](#)

INTERESTS

Traveling, Adventure Sports, Reading.