

Heer Shah

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EDUCATION

The University of Texas at Dallas, May 2025

Bachelor of Arts in Biology • Minor in Political Science • Certificate in Peace Corps Prep

The University of Texas System, Spring 2024

Archer Fellowship Program

RESEARCH EXPERIENCE

Developmental Neurolinguistics Lab, Dallas, Texas

Laboratory Leader, *January 2022 – Present*

- Conducted experiments by operating EEG machine on 60+ participants ages 2-25
- Created and inspected Excel databases of behavior and EEG data by collaborating with 4+ researchers
- Analyzed EEG data through MatLab and collected data for posters and manuscripts in peer-reviewed journals

Professor Jessi Hanson-Defusco, Dallas, Texas

Co-Principal Investigator, *October 2022 – Present*

- Received the Summer Undergraduate Research Apprenticeship Program Award for \$4,500
- Created and launched a psychosocial survey for in-country Afghan in English, Pashto, and Dari
- Analyzed responses through mixed methods and presented a poster at the Summer Program for Undergraduate Research

PROFESSIONAL EXPERIENCE

Beto for Texas, Dallas, Texas

Student Fellow, *August 2022 – December 2022*

- Established a team of 50+ volunteers for campus block walking, phone banking, and voter registration
- Coordinated a UTD Beto rally of 1700+ attendance with UTD Administration and Student Government
- Developed a data entry system of 2000+ student voter registration and political participation

Center for Rehabilitation for Survivors of Acid and Burns Violence

Board of Directors, *December 2022 – Present*

- Developed strategies for the upcoming fiscal year for fundraising through research grants and keynote speaker events
- Successfully applied for \$65,000 UTD Seed Program for Undergraduate Research Grant in collaboration with a team of 2+

Center for Rehabilitation for Survivors of Acid and Burns Violence

Grant and Research Associate, *October 2022 – Present*

- Led PhD students and grant consultants to prepare UTD Sustainability Grant for Uganda intervention project
- Assisted with setting up tracking vulnerable populations in Uganda to make into key reports which informed programming
- Designed a research product in collaboration with Dr. Hanson-Defusco regarding psychosocial survey

CAMPUS ENGAGEMENT

Partners in Health Engage

Editor in Chief, *October 2022 – Present*

- Designed website to increase club visibility and organization, increased club enrollment by 15%
- Initiated review of member's advocacy by editing Letters to the Editor and supervising congressional meetings
- Advocated for the Paul Farmer Memorial Bill through 5+ congressional meetings

COMMUNITY SERVICE

Islamic Center of Frisco

Medical Assistant, *September 2022 – Present*

- Supervised free clinic with 10+ Medical Assistants through creation of Excel patient databases and Open EMR.
- Provided clinical care for 60+ patients through blood draws, manual blood pressure, vital signs, and calling prescriptions
- Provided clerical care by scheduling appointments, scribing for doctors, and taking patient history.

Baylor Scott & White Centennial

Triage Intern ED, *January 2022 – Present*

- Strengthened a team of 5 volunteers and triaged over 300+ patients for the Emergency Department
- Supported the nursing team in emergent situations by assisting in vitals and CPR of patients in triage
- Redesigned triage and hall medical supply organization systems for Level 3 Emergency Department

AWARDS

Dean's List, Recipient, Spring 2022- Present

Academic Excellence Scholarship, Recipient, August 2021-Present