

Mahad Syed Rehman

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EDUCATION

University of Texas at Austin

May 2021

Bachelor of Arts candidate in Government

Bachelor of Science and Arts candidate in Biology Honors

- Health Science Scholars Honors Program
- GPA: 4.00

EXPERIENCE

Vertebrate Interactome Mapping (Stevens Lab) – Researcher and Research Mentor

January 2018 – Present

- Principal Investigator: Dr. Scott Stevens; Research Educator: Dr. Albert MacKrell
- Analyze the function of human RBM17 gene by creating an expression vector with the gene and expressing in mammalian cells
- Educate freshmen about the role of ribonucleoprotein complexes in alternative splicing as well as various laboratory techniques

Health Science Scholars Honors Thesis in Collaboration with National Institute of Health Pakistan

March 2019 - Present

- Writing my thesis on the use of social media as a tool to spread awareness about antibiotic resistance in developing countries
- Working with experts at the NIH in Pakistan who are researching methods to prevent the spread of antibiotic resistance

Selected for 2020 Summer Undergraduate Research Fellowship for the Study of Kidney Disease at UT Southwestern

- Cancelled due to COVID-19 Pandemic

Medical Center of Southeast Texas and Mid County Medical Group – Shadowing

July 2018 – January 2020

- Mentor: Michael McMahon, MD, Internal Medicine/Pediatrics
- Aided clinical staff by taking vital signs and asking preliminary questioning
- Observed physician-patient interactions in both the clinical and hospital settings

Southeast Texas Nephrology Associates- Shadowing

December 2017 - June 2018

- Mentor: Cyprien Vertil, MD, Nephrology
- Witnessed the intricacies of renal disease and spent time with patients receiving dialysis treatment

VOLUNTEER WORK

Students Expanding Austin Literacy – Volunteer

September 2017 – Present

- Read weekly with a student at an underserved elementary school to promote a lifelong appreciation for learning and education

International High School Refugee Tutor – Volunteer Tutor

August 2018 – Present

- Tutor refugee children who attend International High School in math, science, social studies
- Facilitate after school English lessons to help children become better acclimated to the American school system

Gulf Coast Health Center – Volunteer

July 2019 - August 2019

- Promoted outreach program that encouraged parents in low socioeconomic areas to bring children in for yearly checkups
- Learned to detect various pediatric deficiencies such as heart murmurs and absence of newborn reflexes

Baptist Hospital Southeast Texas – Volunteer

June 2019 – August 2019

- Piloted efficiency program in which volunteers responded to call lights instead of nurses; decreased response times by 30%
- Tended to the needs of patients and assisted nurses in the ER

Health Science Scholars College Prep Program – Volunteer Tutor

January 2019 – May 2019

- Taught students test-taking strategies for college admission tests and oversaw resume-building and college application workshops

LEADERSHIP AND ACTIVITIES

United Mission for Relief and Development

September 2017 – Present

- **President** (May 2020 – Present); **Project Downtown Coordinator** (May 2019 – May 2020)
- Oversaw Project Downtown, a monthly service event where members make care packages for the Front Steps homeless shelter
- Organized an online fundraiser during the COVID-19 pandemic to raise money for the Front Steps homeless shelter

HONORS

Distinguished College Scholar

April 2019; April 2020

- Awarded for being in the top 4% of both the College of Natural Sciences and the College of Liberal Arts

College of Natural Sciences Second Year Excellence Award

February 2019

- Awarded for outstanding performance during my first two years at the University of Texas at Austin

University Honors – 6 semesters

Fall 2017 - Spring 2020

SKILLS

- Proficient in Microsoft Office, Excel, PowerPoint, Canva, and R for data analysis
- Strong communication and organizational skills leading to proficient time management
- Long term exposure to helping patients with disabilities