

SHIVANI PATEL

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EDUCATION

The University of Texas at Austin- Austin, TX
Bachelor of Science and Arts in Biology, Minor in Business
GPA: 3.72

August 2016 – May 2020

EXPERIENCE

Seton Medical Center- Austin, TX
Student Volunteer

May 2016 – September 2017

- Responded to phone calls and general patient/family member questions at the IMC Nurses Station
- Assisted nurses in general tasks such as moving patients, acquiring food and drinks, and moving carts, as well as printing out medication labels and nurses' shift calendars

Seton Heart Institute - Austin, TX
Student Observer

June 2016 – July 2016

- Shadowed cardiologist on 30-40 clinical rounds and discussed diagnostic techniques

Seton Medical Center- Austin, TX
Student Observer

January 2017 – March 2017

- Shadowed pulmonologist on clinical rounds in the ICU and IMC to increase exposure to different levels of patient care
- Discussed various diagnoses, conditions, and scans, while learning continuously throughout the process
- Observed various procedures ranging from chest tube insertion to thoracentesis

Ascension Clinical Education Center- Austin, TX
Camp Volunteer Leader

June 2017 – July 2017

- Assisted in certification courses of CPR, AED, and Bleeding Control Basics 1.0 for groups of 30-50 middle and high schoolers
- Guided students learning how to suture pig feet, scrub in and out, and properly clean and bandage wounds
- Led campers in going through rotations using mannequins, such as a birthing rotation, wound care rotation, and neonatal care station
- Worked with other leaders, registered nurses, and administrative staff to develop future ideas and improve on previous sessions

Dell Seton Medical Center at The University of Texas/Texas Oncology- Austin, TX
Student Observer

July 2017 – August 2017

- Shadowed surgical oncologist and medical school residents on rounds in both a clinical setting and a hospital setting, discussed diagnostic techniques, and aided medical residents in writing patient interaction review notes
- Observed various procedures in the clinic ranging from skin cancer excision to hematoma drainage
- Observed various surgeries in the hospital ranging from a more severe skin cancer excision to a gastrectomy to remove a malignant stomach tumor

Seton Medical Center- Austin, TX
Student Observer

March 2018

- Shadowed thoracic surgeon and PA on 30+ clinical rounds and discussed diagnostic techniques
- Observed various thoracic procedures and surgeries such as an Ivor Lewis esophagectomy, thoracotomy, laparotomy, and jejunal tube insertion

Pecan Ridge Memory Care- Austin, TX
Founder of Musical Volunteer Group

April 2018 – May 2018

- Coordinate duets and quartets for residents with dementia, consisting of various players with different woodwind instruments
- Play various solo pieces on the flute

Global Medical Training at The University of Texas- Sucúa, Ecuador
Student Volunteer

March 2019

- Facilitated increased access to healthcare in multiple underprivileged villages in Sucúa by working with local doctors and translators
- Conducted patient interviews in Spanish, took vital signs and conducted physical assessments of all patients, predicted diagnoses and treatment plans for each individual patient which was then discussed and confirmed with doctors
- Wrote prescriptions in Spanish based on patient interactions, filled prescriptions from the clinic pharmacy, and explained directions for taking each specific medication to patients in Spanish

LEADERSHIP EXPERIENCE AND ACTIVITIES

The American Red Cross Club at UT Austin

August 2016 – Present

Public Relations Committee Member (August 2016 – June 2017)

- Assisted Events chairs in planning and carrying out various fundraising and awareness events
- In charge of advertising and promoting mass CPR events and blood drives

Events Chair (August 2017 – June 2018)

- Planned and carried out all fundraising and awareness events, such as a St. Jude's Fundraiser, Hurricane Harvey Relief Fundraiser, blood drives, and a Mass CPR/AED/First Aid Certification Event
- In charge of instructing and teaching committee members
- Assisted the Treasurer and Volunteer Coordinator in event details

Vice President (August 2018 – Present)

- Oversee all club activities, as well as various National Chapter activities
- Plan various activities and events individually and with the President

Global Medical Training at UT Austin

August 2016 – Present

General Member (August 2016 – Present)

- Participate in various volunteer events such as walking dogs, fundraising for leukemia, feeding the homeless, etc.

Trippler (February 2019 – May 2019)

- As part of preparation to go on a medical mission trip to Ecuador, attended weekly workshops to gain necessary knowledge of the Shuar culture, relevant diseases, medical Spanish, taking vital signs, and writing/filling prescriptions

Antibiotics Research Lab

January 2017 – December 2017

Research Assistant

- Conducted research to answer two main research questions, can new and unique kinds of antibiotics be discovered, and how do such antibiotic producers affect other soil bacteria such as *Streptomyces*?
- Determined the role of various stressors such as media starvation and bacterium spatial competition on *Streptomyces* antibiotic production, as well as the effects of co-culturing
- Composed a final paper in which the research question, methods, analyses, and conclusions were discussed in detail

DKMS at UT Austin

August 2018 – Present

Executive Board, Publicity Chair

- Organize multiple drives to swab and register potential bone marrow donors, as well as host large scale swabbing events
- Post on various social media platforms to promote large events such as the annual Valentine's Day campus-wide drive

Kappa Rho Pre-Med Honor Society at UT Austin

August 2018 – Present

Honor Society Member

- Participate in various volunteer events such as helping local food banks, feeding the homeless, and welcoming displaced immigrants in need of shelter and support services at Casa Marianella

EMPLOYMENT

AM Pharmacy- Austin, TX

June 2017 – August 2017

Pharmacy Intern

- Counted, filled, and packaged medications for patients, as well as stocked and attached pricing on medications
- Completed patient paperwork relating to the filling and buying of medications

The University of Texas at Austin- Austin, TX

January 2018 – June 2018

Physical Science Teaching Assistant

- Assisted the Physical Science professor by working with individual students and groups during class
- Helped plan weekly agendas and lab activities, and graded papers, exams, and individual course work

ADDITIONAL INFORMATION

Licenses and Certifications: Licensed Pharmacy Technician Trainee, AED and CPR certified by the American Heart Association, Bleeding Control Basics 1.0 certified by the American College of Surgeons

Technical: MS Word, Excel, PowerPoint, and Photoshop.

Languages: Fluent in English and Gujarati; Conversational/working proficiency in Hindi and Spanish