

AUM MHAPANKAR

aummhapankar@gmail.com

EDUCATION

The University of Texas at Austin	Bachelor of Sciences and Arts, Biology, BSA Honors Health Science Scholars Honors Program Business Healthcare Certificate Health Professions Certificate Overall GPA: 3.9022	Fall 2016 – Spring 2020
--	--	-------------------------

EXPERIENCE

MD Anderson – Clinical Research Finance Intern; Houston, TX		Summer 2019
<ul style="list-style-type: none">Worked with the Clinical Research Finance team to help ensure that clinical research at MD Anderson was funded accurately and allocated institutional funds to specific departmental research projectsGenerated monthly and fiscal year financial reports to track productivity, attended Clinical Research Advisory Committee meetings to observe research presentations and approvals, engaged in healthcare policy from CMS proposed rulings and helped find areas where MD Anderson needed institutional and stockholder input, created summary reports		
Dallas Cardiovascular Center – Medical Scribe; Dallas, TX		Summer 2017 – Fall 2018
<ul style="list-style-type: none">Navigated electronic medical records to access prior notes, formulated concise patient histories, documented physical exams, and captured treatment plansPartnered with a cardiologist to help enhance patient experience		
The Center for Cancer and Blood Disorders – Medical Scribe; Fort Worth, TX		Summer 2017
<ul style="list-style-type: none">Gathered and transcribed patients' medical information and increased expertise in clinical documentationWorked with an oncologist/hematologist to help deliver efficient, high quality patient care		
Wentwood Community Center – Pool Manager and Lifeguard; Southlake, TX		Summer 2017
<ul style="list-style-type: none">Managed other lifeguards and ensured that the pool functioned properly by overseeing water quality and chemical levelsMonitored pool facility and established patron safety in an outdoor setting		
Texas Harris Methodist Hospital - Shadowing Intern; Fort Worth, TX		Summer 2017
<ul style="list-style-type: none">Administered mini-exams to patients to assess mental stateShadowed a neurologist and examined the functionality of neurological medical equipment		
Parkland Hospital at UT Southwestern - Shadowing Intern; Dallas, TX		Summer 2017
<ul style="list-style-type: none">Observed physical medicine and rehabilitation physician in the hospital and in clinic		
The REC – Lifeguard; Grapevine, TX		Fall 2015 – Summer 2016
<ul style="list-style-type: none">Guarded recreational pool patrons in an indoor setting		

ACADEMIC PROJECTS

Epidermal Cell Fates Research Lab – Research Assistant, Paid Mentor		Spring 2017 – Fall 2019
<ul style="list-style-type: none">Mentored incoming students by guiding them through experiment protocols and counseling them on research projectsRestructured <i>Arabidopsis thaliana</i> genome using CRISPR/Cas9 enzyme to edit the PLC7 gene and analyzed new phenotype		
Phelps Lab Research at UT Austin – Research Assistant		Spring 2019 – Fall 2019
<ul style="list-style-type: none">Analyzed <i>Microtus ochrogaster</i> (prairie vole) DNA to determine whether vole sexual fidelity behavior is genetically based		
Research on Genetic Basis of Roundworm Social Behavior		Spring 2019
<ul style="list-style-type: none">Explored and analyzed social behavior of <i>C. elegans</i> strains with natural variants of genes associated with autism		
Temple Community Clinic Consulting Project		Spring 2019
<ul style="list-style-type: none">Collaborated with clinic to develop surveys for chronic illness, mental health, volunteers, and new and existing patients		
Freshman Research Initiative at UT Austin – Undergraduate Researcher		Fall 2016 – Fall 2017
<ul style="list-style-type: none">Studied the build-up of drug resistance in <i>Pseudomonas fluorescens</i> and its application on the effectiveness of antibiotics		

LEADERSHIP EXPERIENCE AND ACTIVITIES

St. David's Medical Center at Austin – Department Lead and Volunteer		Spring 2018 – Fall 2019
<ul style="list-style-type: none">Trained incoming Main Information Desk Volunteers as the Lead of that departmentAssisted visitors, patients, and employees with information, directions, and facility locationsOrganized Orthopedic Rehab and ICU floors to make the facility more accessible for nurses and patients		
Global Medical Training – Summer 2018 Peru Trip Leader		Spring 2017 – Fall 2019
<ul style="list-style-type: none">Managed group of 30 students and worked under physician supervision to treat over 800 patients and created Trip VideoWorked to meet local humanitarian and community needs through volunteering at food drives and Austin Marathon		
Health Science Scholars Honors Program – Ambassador		Spring 2017 – Fall 2019
<ul style="list-style-type: none">Guided younger students in the program through adjusting to college, selecting courses, and studying for classesHelped children investigate science in the Explore UT Organ Exhibit and assisted the set-up of CNS Honors Symposium		
Micah 6 Food Pantry – Volunteer		Fall 2018 – Fall 2019

- Stocked food on shelves and aided the homeless population in selecting nutritious food and navigating the pantry
Operation Kindness – Volunteer Spring 2019 – Fall 2019
- Fostered newborn puppies and kittens until they were ready for surgery and adoption
Phi Chi Theta Business Fraternity – Member Fall 2018 – Spring 2019
- Forged a network of students and peers centered on the foundation of business, professionalism, and philanthropy
- Interacted with children of homeless mothers at SLH Starkids, and planted organic crops at the UT Microfarm
Learning Assistant for Introduction to Chemistry Spring 2018 – Fall 2018
- Facilitated the exploration of various concepts of chemistry and helped foster chemistry students' problem solving skills
- Developed my skills in facilitating discussion, questioning techniques, leading my peers, and helping others learn
Alpha Epsilon Delta (AED) Pre-Health Honor Society – Activity Coordinator, Mentor Fall 2017 – Fall 2018
- Coordinated and produced large events such as Banquet, Retreat, Campout, Barge, and Field Day
- Volunteered at food banks and events around Austin, such as Micah 6, SURE Walk, hurricane food drives, and Formula 1
Texas Business Healthcare Association – Member Fall 2018 – Spring 2019
- Interacted with and explored the managerial, financial, legal, and consulting aspects of the healthcare industry
Texas THON – Fundraising Team Member Fall 2016 – Spring 2018
- Raised funds and awareness for the Children's Miracle Network at Dell Children's Medical Center
UT Intramural Basketball – Team Captain Spring 2017 – Spring 2018
- **Flags for Heroes – Co-Founder, President, Area Coordinator** Fall 2014 – Summer 2017
- Co-founded organization to honor veterans' sacrifices by planting flags on veteran holidays, raised over \$500 for organizations that provide aid to wounded veterans
Students Making Impacts Through Love & Empathy (S.M.I.L.E.) – Volunteering Member Fall 2016 – Fall 2017
- Volunteered with children throughout the Austin area at locations such as Dell Children's Medical Center

HONORS

-
- College Scholar Honors (2 years) Spring 2018 – Spring 2019
 - Phi Kappa Phi Honor Society Spring 2018 – Spring 2019
 - University Honors (6 semesters) Fall 2016 – Spring 2019
 - Ralph A. Steiner, M.D. College of Natural Sciences Scholarship Fall 2017 – Fall 2018
 - Baylor Regional Medical Center at Grapevine Scholarship Fall 2016
 - Carroll Medical Academy Scholarship Fall 2016
 - National Merit Finalist Summer 2016
 - National AP Scholar Summer 2016

SKILLS: Excel, Word, RStudio, Sony Vegas Pro, Java, Python, Microsoft Office, Leadership, Project Management, Teamwork

INTERESTS: Basketball, Rock Climbing, Photography, Guitar, Film, Travel, International Cuisine, Tennis, Fitness, Healthcare

**Authorized to work in the United States of America*