

Ahmed Elsayes
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Education

University of Texas at Austin

Major: Biology (Pre-Med)

Degree: BSA in Biology

Minor: Sociology

Certificate: Pre-Health Professions Certificate

Academic Achievements

University Honors:

- Spring 2019, Fall 2019
- Spring 2018, Fall 2018

Research

- **MD Anderson Division of Radiation Oncology Research Intern (June-August 2018 and December-January 2019)**

Working under the supervision of Dr. David Fuller, I was part of a Radiation Oncology lab where I worked on multiple research studies. I mainly collected and organized data, edited text, and participated in the writing of one study about magnetic resonance imaging for head and neck tumors.

- **UT Austin Freshman Research Initiative (2017-2018)**

From Spring 2018 to Fall 2018, I participated in FRI where I worked in an antibiotics stream. We did extensive research on many bacterial strains and potential antibiotic producers.

- **MD Anderson Diagnostic Radiology Department Research Intern (June-August 2016 and June- August 2017)**

Working under the supervision of Dr. Naveen Garg, I participated in multiple clinical research studies investigating the diagnosis of various cancers. I worked extensively on multiple studies, with a major role in data collection, literature search, text editing and preparing figures for publication.

- **MD Anderson Imaging Physics Department Research Intern (June-August 2015)**

Working under the supervision of Dr. Mawlawi, I arranged large data sets based on certain attributes, and charted and presented the data in a clear manner. I also helped in various imaging studies in the lab of nuclear medicine imaging physics.

Publications

1. Elhalawani H, Awan MJ, Ding Y, Mohamed ASR, **Elsayes AK**, Abu-Gheida I, Wang J, Hazle J, Gunn GB, Lai SY, Frank SJ, Ginsberg LE, Rosenthal DI, Fuller CD. Data from a terminated study on iron oxide nanoparticle magnetic resonance imaging for head and neck tumors. Sci Data. 2020 Feb 21;7(1):63. doi: 10.1038/s41597-020-0392-z. PMID: 32081849
2. Elshikh M, Schellingerhout D, Rayan J, Taher A, **Elsayes AK**, Mujtaba B, Garg N. Disease Characteristics, Radiologic Patterns, Comorbid Diseases, and Ethnic Differences in 32 Patients With Rosai-Dorfman Disease. J Comput Assist Tomogr 2020;00: 00–00. DOI: 10.1097/RCT.0000000000000983.
3. Saleh M, Bhosale PR , Yano M, Itani M, **Elsayes AK**, Halperin D , Emily K Bergsland EK, Morani AC. New frontiers in imaging including radiomics updates for pancreatic neuroendocrine neoplasms”.. Abdom Radiol (NY) 2020 Oct 23
4. Elgohari B, Mohamed AS, Ng SP, Elhalawani H, **Elsayes AK**, He R, Ding Y, Wang J, Elawadi M, Awad I, Hutcheson KA, Gunn GB, Frank SJ, Garden AS, Rosenthal DI, Lai

SY, Fuller CD. Diffusion-Weighted MRI As an Early Biomarker of Xerostomia in Oropharyngeal Cancer Patients Treated with Radiation Therapy. *International Journal of Radiation Oncology• Biology• Physics* (2018); 102 (3): e214-e215.

5. Elshikh M, Mujtaba B, Murphy W, Wei P, Raya J, **Elsayes A**, Sun J, Garg N (2017). Elastofibroma Dorsi: An Association with Hematological Malignancies. *Clin oncol*. 2017; 2: 1338. <http://www.clinicsinoncology.com/full-text/cio-v2-id1338.php>

6. Kuchana V., Klekers AR, Javadi S, **Elsayes AK**, Sun J, Mujtaba B, Aslam R, Bhosale PR. Utility of Half dose of Iodinated-intravenous Contrast in Dual-energy Computed Tomography: Qualitative and Quantitative Evaluation of Image Quality and Diagnostic Acceptability. Submitted to *AJR Am J Roentgenol*

7. **Elsayes AK**, Rohren SA, Islam N, Blair KJ, Dubinsky T, Role of Portable Ultrasound During a Short-Term Medical Service Trip to Rural Guatemala; A Collaborative Mission of Trainees and Physicians. Submitted to *Rural and Remote Health*

Posters and Oral Presentations

1. Rohren SA, **Elsayes AK**, Dubinsky T, Blair KJ, Islam N. Role of Portable Ultrasound in a Medical Service Trip to Rural Guatemala, accepted for presentation at Radiological Society of North America 2020 (RSNA) Annual Meeting,

2. Rohren SA, **Elsayes AK**, Dubinsky T, Blair KJ, Islam N. Role of Portable Ultrasound in a Medical Service Trip to Rural Guatemala. Henry JN Taub & James K Alexander Medical Student Research Symposium. March 12th, 2020.

3. Kuchana V., Klekers AR, Javadi S, **Elsayes AK**, Sun J, Mujtaba B, Aslam R, Bhosale PR. Utility of Half-Dose of Iodinated-Intravenous Contrast in Dual-Energy Computed Tomography: Qualitative and Quantitative Evaluation of Image Quality and Diagnostic Acceptability. GI406-SD-WEA7. Presented at Radiological Society of North America 2019 (RSNA) Annual Meeting, Chicago on December 2019.

4. Elgohari B, Mohamed AS, Ng SP, Elhalawani H, **Elsayes AK**, He R, Ding Y, Wang J, Elawadi M, Awad I, Hutcheson KA, Gunn GB, Frank SJ, Garden AS, Rosenthal DI, Lai SY, Fuller CD. Diffusion-Weighted MRI As an Early Biomarker of Xerostomia in Oropharyngeal Cancer Patients Treated with Radiation Therapy. Presented at 2018 ASTRO Annual Meeting, Oct 21-24, San Antonio, TX.

5. Mujtaba, B., Elshikh, M., Rayan, J., **Elsayes, A.**, Garg, N. Elastfibroma Dorsi (ED): Cross Sectional imaging findings and Follow up.” Presented at American Roentgen Ray Society Annual Meeting, New Orleans on April 30-May 5th, 2017.

6. Rayan, J., Elshikh, M., Wei, P., Schellingerhout, D., **Elsayes, AK.** Garg, N. Rosai-Dorfman Disease (RDD): cross sectional scans findings in 32 pathologically proven cases.” Presented at American Roentgen Ray Society 2017 (ARRS) Annual Meeting, New Orleans on April 30-May 5th, 2017.

7. Garg N, Elshikh M, Rayan J, Wei P, **Elsayes AK**, Mujtaba B. Elastofibroma Dorsi (ED):oncological significance and impact on management. Presented at Cancer-2017 Annual Conference, Baltimore Feb 20-22, 2017.

Work Experience

- UT Austin Biochemistry Teaching Assistant (Fall 2020)

Currently working as a learning assistant in the subject of Biochemistry. In this role, I assisted students in the learning process of physics, helped mentor and guide the students during Biochemistry class.

- UT Austin Physics Teaching Assistant (Spring 2020)

Worked as a learning assistant under Dr. Marder in the subject of Physics. Assisted students in the learning process of physics, helped mentor and guide the students during physics class.

- Water safety instructor for Aqua Tots (2016-2017)

Worked as a water safety instructor at Aqua Tots Swim Schools and taught kids the basics of swimming and water safety.

Volunteer Experience

- Mercy Clinic Volunteer (100 hours. Fall 2019-Spring 2020)

Volunteered at a nonprofit clinic and completed multiple tasks such as checking vitals for patients and working as a scribe for the physicians.

- Medical Mission with International Volunteer Headquarters to Guatemala (20 hours. December 2019)

Worked with a local organization called Maximo Nivel in Guatemala and provided medical care for 4 different villages in Antigua, Guatemala. I volunteered and completed many tasks such as organizing medications, working as a scribe, checking vitals, and referring patients to the physicians we had with us on the mission.

- Savannah Lakes Elementary School: (30 hours. Spring 2016)

Community in Schools Tutoring: In this role, I tutored elementary school students to reach high standards of education.

- Mary Marek Elementary School: (10 hours. Summer 2016)

Library Volunteer: I volunteered in the library and helped with decorations, creating a warm and friendly environment for elementary school students.

- Pyramid Pharmacy Volunteer (70 hours. July 2015)

Worked on shelving various medications, processing returns for expired items, and recording transactions.

Leadership Experience

- Mercy Clinic Volunteer Lead (Fall 2019-Spring 2020)
- **Intramural Sports Captain:**
 - Spring 2020 7v7 Soccer Captain
 - Fall 2019 7v7 Soccer Captain
 - Spring 2019 7v7 Soccer Captain
 - Fall 2018 11v11 Soccer Captain

I led a volunteer force at a non-profit clinic that worked to provide uninsured and underinsured patients with medical care. I recruited volunteers to the clinic and organized tasks for the volunteers.

Extracurricular Activities

- **Humanity First: Volunteer organization member (Spring 2019-present)**

As a member of Humanity First, I attended many volunteer events and service projects to serve underprivileged individuals.

- **United Mission Relief member (Fall 2018-present)**

I am a member of a volunteer organization where I have been attending many fundraiser events such as charity volleyball tournaments and attended many volunteer events called Project Downtown where we prepared and distributed meals for the homeless in downtown Austin.

- **Intramural Sports:**

Intramural Men's Soccer, Co-Ed Soccer, Court Volleyball, Sand Volleyball, Flagfootball, Men's Basketball, and Co-Ed Basketball

- **U Teach Outreach Instructor (Spring 2020)**

I was a UTeach Outreach Instructor at the University of Texas at Austin where I prepared and taught many fun and interactive, weekly science lessons for second grade students in Austin ISD.

- **Project Finish Line member (Spring 2020)**

Member of Project Finish Line, an organization at the University of Texas at Austin that helps High School students who do not have the resources and knowledge to apply for college, scholarships, and financial aid.

- **UT Austin water polo club (Fall 2017-Spring 2018)**

I was a member of UT Austin water polo club during Fall 2017 and Spring 2018: where I practiced the sport of water polo for 2 hours, 4 days a week. We participated in tournaments across the state of Texas and qualified to the national club water polo tournament where we won second place.