

**Alexis Salim**  
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### Education

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<b>The University of Texas at Austin</b> <i>College of Natural Sciences</i> Member of the Health Science Scholars Honors Program Pursuing a Bachelor of Science and Arts Degree in Biology (Honors) with Food and Society Certificate - Related Coursework Completed: Scientific Inquiry Across the Disciplines, Medical Terminology, Organic Chemistry I, Genetics, Biostatistics, Organic Chemistry II, Introductory Biochemistry, Cell Biology, Computational Biology - Current G.P.A.: 3.9627	Fall 2017-Spring 2021
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### Work Experience

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<b>Undergraduate Teaching Assistant</b> <i>University of Texas at Austin</i> Earth System Science: Sustainability and Society - Worked under Dr. Mary Poteet to grade assignments for a 100-person class along with another TA	Spring 2021 10 hours/week
<b>Undergraduate Teaching Assistant</b> <i>University of Texas at Austin</i> Undergraduate Studies: Climate Change - Worked under Dr. Mary Poteet to teach freshmen about climate change actions and informed viewpoints - Aided with student in-class discussion and development of plans to combat climate change at the university level - Graded papers and assignments	Fall 2020 10 hours/week
<b>Undergraduate Assistant (Reader)</b> <i>University of Texas at Austin</i> Earth System Science: Sustainability and Society - Worked under Dr. Mary Poteet to grade assignments for a 100-person class	Spring 2020 20 hours/week
<b>Undergraduate Teaching Assistant</b> <i>University of Texas at Austin</i> Scientific Inquiry Across the Disciplines - Worked under Dr. Mary Poteet to teach freshmen about research methods - Aided students with planning and executing research projects - Graded papers and assignments	Fall 2018, Fall 2019 10 hours/week
<b>Student Assistant</b> <i>Kinsolving Dining, Division of Housing and Food Service</i> - Prepared and served food in a highly-trafficked dining hall on campus - Worked with a diverse team of students and adults	Fall 2017-Spring 2018 10 hours/week

## Research Experience

<b>Plasmid Evolution Project</b> Dr. Jeffrey Barrick, Department of Molecular Biosciences Graduate Research Assistant Matthew McGuffie - Found point mutations of observable effect to copy number in the origin of replication of pUC19 - Obtained experience with biology and biochemistry lab procedures and keeping a lab journal	Spring 2019
<b>Freshman Research Initiative Project</b> Dr. Dennis Mishler, College of Natural Sciences - Studied point mutations in the origin of replication of pUC19 - Gained experience with basic chemistry and microbiology lab procedures while working with plasmids	Fall 2018
<b>Freshman Research Initiative Project</b> Dr. Christopher Yellman, Department of Molecular Biosciences - Studied yeast gene CDC42 to test for complementation with human ortholog Cdc42 - Obtained experience with basic microbiology lab procedures and bioinformatics	Spring 2018
<b>SIAD Research Project</b> Dr. Mary Poteet, Department of Geological Sciences - Studied concentrations of erythromycin at different points along Waller Creek - Obtained experience with Liquid Chromatography Mass Spectrometry machine	Fall 2017

## Shadowing Experience

<b>Observer</b> <i>Cardiologist's Office and HCA Houston Clear Lake, Houston, TX</i> - Shadowed Dr. Nadir Ali, Chana Van Houten NP-C, and Shalini Pappachan FNP during check-ups - Shadowed Dr. Nadir Ali and Dr. Ahmad Jeroudi in catheter lab - Learned about how a controversial diet can be followed in patients with heart problems and improve their health - Observed catheter procedures through the radial and femoral arteries	Winter 2019 40 hours total
<b>Observer</b> <i>Various Institutions in Singapore</i> - Shadowed Dr. Pearl Teo (Family Practice) during consultations - Shadowed Dr. Noelle Lim (Anesthesiology in Changi General Hospital) during surgeries - Learned about overseas healthcare system and noted discrepancies in family practice - Observed surgeries and role of anesthesiologist in the operating theater	Summer 2018 40 hours total
<b>Observer</b> <i>UT Southwestern</i> - Shadowed Dr. Ann Lutich and Dr. Melissa Crochet in Obstetrics and Gynecology - Watched consultations and check-ups in the clinic	May 2018 8 hours total
<b>Observer</b> <i>Tan Tock Seng Hospital in Singapore</i> Johns Hopkins Oncology Branch - Shadowed Dr. Lavina Bharwani and Dr. Troy Sullivan during consultations and rounds in the ward - Learned about patient-doctor relationships overseas - Observed weekly conferences among doctors of the hospital to discuss patient care and priorities	Summer 2015 40 hours total

## Volunteering Experience

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### Hungry Horns

Fall 2019-Spring 2021

*Co-created by Alexis Salim and Hailey Fanucchi*

120 hours

- Compiled a list of resources for food insecure university students to use
- Goal: increase awareness of these resources to reduce food insecurity in the target population
- Created a Facebook page to spread awareness of this list of resources and other helpful nutrition information
- Working with input from Dr. Steven Abrams

### Ronald McDonald Family Room

Spring 2019-Spring 2020

*St. David's Main Hospital*

4 hours/week

- Checked in parents who wanted to stay in the family room
- Talked to patients whose children were in the NICU
- Turned over rooms for families to stay in
- Checked out parents who were leaving the family room
- Halted due to COVID-19 restrictions

## Extracurricular Activities

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### The Austin Meal Movement (TAMM)

Fall 2018-Spring 2021

- Position Held: President (2020-2021), Membership Officer (2019-2020), Membership Director (2018-2019)
- Received president, director, and officer positions through an application, interview process, and election
- Planned and led cooking events and social events, gave input on structure of TAMM, planned end-of-year banquet
- Worked with a diverse group of people to lead TAMM and gained valuable leadership experience

### UT University Orchestra

Fall 2017-Spring 2020

- Position Held: Flautist (10+ years of experience)
- Participated in an audition-based orchestra to play challenging musical literature
- Indefinite hiatus due to COVID-19

## Honors and Awards

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College of Natural Sciences Scholarship

2020-2021

University Honors

Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, Spring 2021

2019 Second Year Excellence Award for CNS

2019

Ralph A. Steiner, M.D. Scholarship Recipient

2018-2019, 2019-2020

Health Science Scholar

Spring 2018-Spring 2021