

PURVEE PATEL

purvee.patel@utexas.edu
(972) 832-7608

EDUCATION

The University of Texas at Austin	Bachelor of Science and Arts, Biology Honors Bachelor of Arts, Iberian/Latin American Language and Culture, Spanish Business of Healthcare Certificate	May 2021
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HONORS

Health Science Scholar	Aug 2017 - Present
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EXPERIENCE

Health and Innovation Lab at Dell Medical School – Austin, TX	Jan 2019 – Present
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Undergraduate Research Assistant – 10 hrs/ wk

- Contribute to qualitative research analysis (i.e. transcription of interviews) conducted under PI Dr. Kasey Claborn in the Department of Psychiatry
- Aid in quantitative data organization for research projects
- Completed CITI certification for Social and Behavioral Health and Responsible Conduct of Research

Freshman Research Initiative – Austin, TX	Jan 2018 – Present
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DIY Diagnostics Lab Mentor – 10 hrs/wk

- Assist students in learning and executing wet-lab techniques
- Support research educator in grading and maintaining lab work flow

Student Researcher – 8 hrs/wk

- Perform an individual research inquiry under the supervision of research educator Timothy E. Riedel on water testing diagnostics for the parasite *C. parvum*.

Southeast Alabama Medical Center – Dothan, Alabama	Jul 2018 – Aug 2018
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Student Shadow – 92 hrs

- Shadowed obstetricians and gynecologists at the Women's Health Center, gaining clinical experience in engaging with patients and measuring fetal heart rate
- Shadowed in a variety of specialty fields (i.e. Radiology, Pathology, Internal Medicine, Surgery, Anesthesiology, etc.)

Arthritis Care Center – Carrollton, Texas	June 2018 – Jul 2018
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Student Shadow – 6 hrs/wk

- Shadowed rheumatologist Dr. John Joseph, gaining experience in patient interaction and knowledge of diagnostic techniques

Primary Care Clinic of North Texas – Plano, TX	May 2016 – Jul 2016
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Office Intern - 4 hrs/wk

- Conducted front desk administrative functions (i.e. patient intake services, appointment confirmations, etc.)
- Created and filed new and current patient documents

LEADERSHIP EXPERIENCE AND ACTIVITIES

Texas Enactus – Austin, TX	Jan 2020 - Present
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Member

- Collaborate with peers, community leaders, and entrepreneurs to design projects and create sustainable solutions for communities in need
- Develop preliminary grant writing skills

Campus Environmental Center – Austin, TX

Aug 2018 – Jan 2019

Member

- Aid in projects to clean litter from campus grounds and surrounding residential areas
- Participate in informational workshops on sustainable living

Texas Business of Healthcare Association – Austin, TX

Aug 2017-May 2018

Marketing Committee Member

- Utilized demographic analysis mechanisms to create marketing tactics for membership recruitment
- Coordinated promotional events across campus, such as tabling and information sessions
- Created promotional items (i.e. flyers, officer profiles, informational sheets, etc.) using graphic design tools

ACADEMIC PROJECTS

Quality Improvement for Dell Medical School Department of Surgery and Perioperative Care

Jan 2020 – May 2020

- Work with peers in the class Health Systems Management led by Dr. Kristie Loescher at the McCombs School of Business at UT Austin
- Create a system/procedure that facilitates communication between patients and employers regarding physical or mental deficits acquired after surgeries and critical care
- Communicate with client Dr. Marissa Mary Wagner, Assistant Professor of Surgery and Perioperative Care at Dell Medical School, throughout the duration of this project

Project Rainewable with Texas Enactus – Austin, TX

Feb 2019 - Present

- Work with a team of peers and mentors from Texas Enactus to create a rainwater filtration system in rural communities in Nicaragua under the supervision and aid of Professor Dennis Passovoy from the McCombs School of Business

Water Diagnostic for *Cryptosporidium parvum* – Austin, TX

Aug 2018 – Dec 2018

- Conduct research to create a portable water diagnostic for the parasite *Cryptosporidium parvum* using a fast-acting DNA amplification technique known as Loop-Mediated Isothermal Amplification (LAMP) under the supervision and aid of Dr. Timothy E. Riedel
- Will continue to work on this project from August 2020 to May 2021 for the Health Science Scholars Honors Thesis

CERTIFICATIONS

American Red Cross DFW

Jul 2015 – Jul 2017

- Adult and Pediatric CPR/AED/First Aid Certification

SKILLS

Languages: Fluent in English, Intermediate/Proficient in Spanish