

Javier Granados II

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EDUCATION

The University of Texas at Austin, Austin, TX

Graduation: Fall 2019

Bachelor of Science and Arts in Biology, College of Natural Sciences

Concentration in Ethics and Leadership in Healthcare, Pre-Pharmacy track

Relevant Coursework: Pharmacy Technology (High School, Fall 2015-Spring 2016), Scientific Inquiry Across the Disciplines (SAID) (Fall 2016), BioProspecting Stream- Freshman Research Initiative (FRI)(Spring 2017-Fall 2017), Ethics in Business, Law, and Medicine (Fall 2017), Intro to Health and Society (Spring 2018), Contemporary Moral Problems (Spring 2018), History of Global Disease (Fall 2018), Health and Justice (Spring 2019)

HEALTHCARE AND LABORATORY EXPERIENCE

Dell Medical School, Austin, TX

Fall 2018-Present

Health Leadership Apprentice

- Focus on improving health in Austin communities through faculty- and/or student-led research projects and outreach programs
 - Partner with Multicultural Refugee Center to facilitate and improve interpretation services across target healthcare facilities
 - Conduct study to determine if interpretation services improve health outcomes for Latino immigrants
 - Educate community about musculoskeletal injuries suffered by professional athletes and their unorthodox treatment regimens
 - Partner with Go Austin! Vamos Austin! to organize community members to initiate, advocate, and implement changes in social determinants of health

Baylor College of Medicine, Houston, TX

Summer 2018, Summer 2019

Summer Medical and Research Training (SMART) Program Intern

- Study HER2 targeted gene therapy in breast cancer and mechanisms of resistance. Attend scientific and professional development seminars

Walgreens Pharmacy, Austin, TX

Fall 2017

Pharmacy Technician

- Assist pharmacist in dispensing, compounding, and selling prescription drugs to patients, became exposed to retail healthcare setting

UT Freshman Research Initiative, Austin, TX

Fall 2017

BioProspecting Stream Researcher

- Study the growth of subcultures from the same fungus isolated at different environments and determine antibiotic properties from produced metabolites. Analyze DNA and metabolites to identify a possible novel antibiotic compound

UT Freshman Research Initiative, Austin, TX

Spring 2017

BioProspecting Stream Researcher

- Study the growth of endophytic fungi in isolation and competition. Analyze metabolites produced from such cultures

UT Freshman Research Initiative, Austin, TX

Fall 2016

Scientific Inquiry Across the Disciplines Researcher

- Study the symbiotic relationship of algae and fungi when grown in different conditions of salinity

Baylor College of Medicine, Houston, TX

Summer 2015

DocPrep Member

- Shadowed medical school students and healthcare professionals by attending daily workshops, became exposed to graduate environment

Christus Spohn Memorial, Corpus Christi, TX

Summer 2014-Spring 2015

Intern

- Shadowed pharmacists/pharmacy technicians by assisting in daily tasks, contributed to efficient workflow
- Assisted Certified Nurse Assistants and Registered Nurses by tending to patients' needs, cared for patients in variety of departments

VOLUNTEER PROJECTS

- University of Texas Outpost
- University of Texas- The Project
- Be the Change Global Outreach Continuation of Care (CoC) Program- Philippines
- Ronald McDonald House of Charities Share-A-Meal Program
- American Breast Cancer Association Fundraiser
- Dell Children's Surgical Global Outreach Program
- St. David's Medical Center Volunteer Program
- Central Texas Food Bank

ACTIVITIES & LEADERSHIP

Terry Scholars Students Association, Austin, Texas

Spring 2018- Spring 2019

President

- Coordinate with alumni and founder of Alumni Mentor Program, connecting seniors with alumni to ease life after graduation

- Oversee club's finances, social and volunteer planning, high school outreach program, and first-year initiatives
- Mentor 1 freshman to further assist in becoming acclimated to college life
- Co-Chairman of Freshmen Committee to organize wants and needs presented by freshmen

Director of First-Year Initiatives

Spring 2017- Spring 2018

- Alleviate transition of 53 incoming freshmen/transfer scholars to UT-Austin
- Communicate with faculty, staff, parents, and students to organize events, clarify rules/regulations, and establish peace-of-mind for all parties
- Mentor 3 freshmen to further assist in becoming acclimated to college life
- Founder/Chairman of Freshmen Committee to organize wants and needs presented by freshmen

Longhorn Pre-Pharmacy Association, Austin, Texas

Fall 2018-Present

Upperclassman Mentor

- Meet with 1-2 LPPA members regularly to aid in academic and extracurricular decisions relating to the pre-pharmacy track as well as provide emotional support for academic/personal situations as necessary
 - Mentor Program discontinued as of Fall 2018 semester

Alpha Epsilon Delta, Austin, Texas

Fall 2018- Spring 2019

Upperclassman Mentor

- Meet with 1 AED member regularly to aid in academic and extracurricular decisions relating to pre-health undergraduate life and professional school aspirations as well as provide emotional support for academic/personal situations as necessary

SKILLS

Technical /Computer Skills: Microsoft Office Specialist (Word 2010, PowerPoint 2010), ImageJ software

Lab Skills: Aseptic technique, DNA extract, RNA extract, protein extract, BCA assay, antibiotic assay, PCR, qPCR, gel electrophoresis, metabolite extraction and isolation, HPLC, spectrophotometry, microscopy, bacterial and fungal culture preparation, cell tissue culture preparation, liquid culture preparation, water stock preservation, cellophane preservation, Western blot, cell viability (methylene blue) assay with drug treatment

Certifications / Professional Memberships: CPR, AED, Licensed Pharmacy Technician by Texas State Board of Pharmacy / Student National Pharmaceutical Association, Longhorn Pre-Pharmacy Association, Alpha Epsilon Delta, American Association for Cancer Research

HONORS AND AWARDS

- Selected for National Academy of Medicine Young Leaders Visualize Health Equity Digital Art Gallery (creative writing submission), Spring 2019
- Longhorn Pre-Pharmacy Association People's Choice Award, Spring 2019
- Best Service Project, Longhorn Center for Community Engagement, Spring 2019 (Terry Scholars Students Association organization award)
- Selected for Presentation, American Association for Cancer Research Student Caucus and Poster Competition, Spring 2019
- Top Oral Presenter, Annual Biomedical Research Conference for Minority Students (ABRCMS), Fall 2018
- Junior Recipient, Texas Exes' President's Leadership Award, Fall 2018
- Selected for Poster and Oral Presentation, Capital of Texas Undergraduate Research Conference (CTURC), Fall 2018
- Selected for Oral Presentation, UT-Austin Fall Undergraduate Research Symposium (FURS), Fall 2018
- Selected for Oral Presentation, ABRCMS, Fall 2018
- Full Travel Awardee, ABRCMS, Fall 2018
- Finalist, MD Anderson Cancer Prevention and Research Training Program, Spring 2018
- College Scholar, Spring 2018, Spring 2019
- Longhorn Pre-Pharmacy Association Distinguished Member, Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018
- University Honors List, Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019
- Terry Foundation Traditional Scholar, Class of 2016
- Hispanic Heritage Foundation National Youth Award, Healthcare and Science, Spring 2016
- Nominee, Congress of Future Medical Leaders, Fall 2015

CONFERENCES

- Texas Leadership Summit, Austin, TX, Spring 2019
 - Assisted Freshmen Terry Scholars in discovering and developing personal leadership traits during 1-day retreat
- ABRCMS, Indianapolis, IN, Fall 2018

- Presented SMART Program Research in oral presentation (Cancer Biology Division), attended professional development workshops and healthcare/research seminars
- CTURC, Austin TX, Fall 2018
 - Presented SMART Program Research in oral and poster presentation (Science Division)
- Healthier Texas Summit, Austin, TX, Fall 2018
 - Aimed for Texas health professionals to share best practices, trends, and innovations to improve community health
- UT-Austin FURS, Austin, TX, Fall 2018
 - Presented SMART Program research in oral presentation (Cell and Molecular Biology Division) and Science Slam
- LeaderShape Institute, Austin, TX, Summer 2018
 - 6-day leadership retreat empowering UT students with the skills, guidance, and connections to develop and make their goals a reality
- Terry Scholars Statewide Leadership Conference, Houston, TX, Winter 2017
 - Gathered with officers from other Terry Foundation affiliated universities for 3- day retreat to network and exchange best methods to organize and maximize student member involvement
- Corpus Christi Independent School District Leadership Conference, Corpus Christi, TX, Summer 2017
 - Gave presentation on study skills, college applications, extracurricular activities, overcoming hardship, and leadership potential