

Anyi Wang

Address: 21507 Indigo Hill Ln. Katy, Texas 77450 / Phone: 832-235-9268 / Email: anyi.wang@utexas.edu

EDUCATION

Bachelor of Science and Arts in Biology
Business Foundations Program Minor
GPA: 3.86

Graduation: May 2020

LAB EXPERIENCE

GENETICS LAB (01/2020 - 05/2020)

- Experimentation and direct observation in fundamental aspects of transmission genetics. One lecture hour and four laboratory hours a week for one semester.
- Experience in DNA extraction & PCR, DNA sequencing, and bacterial transformation
- Skill-tested in fly sexing, pipetting, and microscopy basics
- Completed six page informative, thesis-based paper related to recent genetic research

ORGANIC CHEMISTRY LAB (08/2019 - 12/2019)

- One lecture hour and five laboratory hours a week for one semester. Completed prelab preparations, quiz, and lab report for each experiment.
- Experience in fractional distillation & gas chromatography, extraction & recrystallization, and organometallic reactions
- Experience using melting point apparatus, mass spectrometer, and infrared spectrometer

ACCELERATED RESEARCH INITIATIVE - LUMINATORS STREAM (07/2018 - 12/2018)

- Learned to design and synthesize photoluminescent lanthanide coordination complexes and studied the relationship between the photophysical properties and their coordination structures determined by X-ray crystallography.
- Experience in using NMR spectrometer, refluxing, and rotary evaporator

BIOLOGY LAB (08/2017 - 12/2017)

- One lecture hour and five laboratory hours a week for one semester to learn about structure and function of organisms within an evolutionary framework.
- Experience in fluorescent microscopy, plant physiology, and anatomy of invertebrates and vertebrates
- Lab skills in gel electrophoresis and dissections of crayfish and rat

EXTRACURRICULAR ACTIVITIES

Health Careers Mentorship Program (01/2018- 05/2018)

- Shadowed over eight hours per week in a multitude of medical departments
- Observed allergy specialist, retinologist, and internal medicine physicians in clinical settings
- Observed neurosurgery and plastic surgery
- Observed Department of State Health Services about infectious disease epidemiology, epidemiology of cancer prevention, and HIV epidemiology

ATLANTIS PROJECT (12/2017 - 01/2018)

- Pre-Med Fellowship Abroad, approximately 60 hours of shadowing in multiple specialties in Thessaloniki, Greece.
 - Observed cardiovascular, renal, and orthopedic surgeries
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SKILLS/AWARDS

- Proficient in R Studio
 - Fluent in Chinese (Mandarin)
 - College Scholars (Spring 2020)
 - Ranked in the top 20% of the class in the College of Natural Sciences
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