

Ivana Ye

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214-682-2846

EDUCATION

The University of Texas at Austin, Austin, TX

May 2020

Bachelor of Science and Arts in Biology

- GPA 3.95
- Pre-Health Professionals Certificate

EXPERIENCE

Kidventure Camp, Austin and Dallas, TX

June 2019-August 2019

Camp Counselor

- Managed a group of 11 campers
- Created a friendly environment for the kids while playing games, leading projects, and going on field trips.
- Developed leadership, time management, public speaking, critical and creative thinking, teamwork, interpersonal skills

UT Austin Chemistry Peer Learning Assistant

August 2017- May 2018

Learning Assistant for General Chemistry

- Assisted CH301 and CH302 students on topics and questions that were unclear for them
- Developed ethical decision making, critical thinking, conflict management, communication, leadership, problem solving, time management, and teamwork skills
- Learned how to facilitate discussion in a large classroom of 300

Freshman Research Initiative, BioBricks Stream, under Dr. Soo-Hyun Yang, Ph. D

January 2017-December 2017

Undergraduate Researcher

- Developed basic laboratory techniques: Gel Electrophoresis, Western Blot, Protein Extraction and Purification, Bacterial Transformation, PCR, SDS PAGE, DNA Binding Assay
- Conducted experiments in Molecular Biology; researched how mutations on the homeobox transcription factor, CDX2, affects its ability to inhibit activity on ATM kinase and maintain its transcription activity to regulate DNA damage repair
- Performed 3 PCR's, Agarose Gel Electrophoresis's, Transformations of CDX2 containing plasmid DNA with the given mutant, E218V; resulted in successful purification of the transformed CDX2 containing plasmid DNA with the correct E218V mutant, which was confirmed by sequencing; Large Scale Induction of E218V mutated CDX2 plasmid into BL21 Codon Plus Bacterial Cells with IPTG resulted in successful expression, which was confirmed by an SDS PAGE; MBP Tag and SP Ion Exchange Purification successfully extracted mutated protein from induced cells, which was confirmed by SDS PAGE's; DNA Binding Assay's success confirmed transcription activity of the E218V mutated CDX2 protein maintained due to the mutated protein binding to DNA
- Presented at Undergraduate Research Forum at UT Austin

CO-CURRICULAR ACTIVITIES

Alpha Epsilon Delta- Pre-Health Honors Society, Austin, TX

January 2017-Present

Camp Kesem, Austin, TX

December 2017-April 2018

HOSA- Future Health Professionals, Austin, TX

August 2013-May 2017

COMMUNITY INVOLVEMENT

Thinkery Museum, Austin, TX

March 2019-Present

Volunteer

- Developed communication, teamwork, and leadership skills working with children of all ages, adults, as well as the museum staff.
- Worked with children to help develop the love for science and math through teaching different hands-on activities related to either chemistry, biology or physics (ex. creating waves, critical thinking games)

St. David's Medical Center, Austin, TX

August 2017-Present

Gift Shop Volunteer

- Over 50 hours of volunteer experience working with customers and physicians at the gift shop
- Operated the cash register, restocked food items, maintained good customer service

Medical Surgery Nursing Unit Aid and Breast Center

- Over 100 hours of volunteer experience working with nurses and patients
- Restocked medical supplies and developed good communication skills

DMA go van go, Dallas, TX

June 2018- August 2018

Volunteer

- Traveled to schools as well as shelters to educate kids and teens about the history of "The Power of Gold: Asante Royal Regalia from Ghana" art exhibit at the DMA, as well as distribute supplies for a craft project at the end.
- Developed teaching and facilitating discussion skills

The Agape Clinic, Dallas, TX

June 2017-August 2018

Volunteer Scribe and Volunteer Coordinator

- Over 170 hours of volunteer experience working as a scribe, following providers into patient rooms to help document provider notes and findings in SOAP note form into the clinic's EMR system
- Shadowed Medical Assistants and learned how to triage (vitals, medicine allergies, chief complaints) and watched lipid, A1c, glucose tests and EKG's
- Served as a seasonal Volunteer Coordinator, working on making and filling out Excel sheets on Appointment and Patient Surveys to help improve efficiency of scheduling patients

SKILLS

Technical /Computer Skills: Proficient with Microsoft Word, PowerPoint, and Excel

Language: Cantonese and Mandarin (Advanced)

HONORS AND AWARDS

College Scholar	2019
SURGE Honors Award for Best Freshman Research Initiative	2017
University Honors	2016

REFERENCES

Dr. Soo-Hyun Yang, Clinical Assistant Professor, College of Natural Sciences, University of Texas at Austin, Austin, TX 78705. shyang@utexas.edu. 512-471-0472.

Mr. Caleb Wang, Operational Systems and Volunteer Coordinator, The Agape Clinic, Dallas, TX 75246.
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