

MELISSA CHEN

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GPA	3.8	Phone	(469)-450-0937

Objective: I hope to gain experience in industry research and develop skills in communication and adaptability through this internship

WORK EXPERIENCE

06/2019 -
08/2019

Undergraduate Summer Research Fellowship

Lab Intern

Collaborative research the effects of substitution of human histones , H2AFY, H2AFY2, and H2AB2 in the yeast genome

- Create human repair template using PCR
- Transform yeast
- Confirmation PCR
- Phenotypic screening

EDUCATION

08/2018 -
12/2018

Scientific Inquiry Across the Disciplines (SIAD)

Independent research of the effect of probiotics on horn worm development

01/2019 -
05/2019
08/2019 -
12/2019

Freshman Research Initiative (FRI)

Learned basic lab protocols and applying them to independent research project on histone genes

2007-2009

Boarding School

Attended boarding school in China from the age of 7 to 9

SKILLS

- Make competent E. coli and yeast
- Use methods to replicate DNA
- Design primers
- Perform phenotypic screening
- Analyze scientific research papers
- Verbal and written fluency in Mandarin