

Alexa Victorio

OKLAHOMA CITY, OK
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EDUCATION

The University of Oklahoma, Norman, OK
Bachelors of Biomedical Engineering (Pre-Medicine)

EXPECTED GRADUATION DATE: MAY 2023

RELEVANT COURSEWORK:

- **Biomedical Design Capstone: Auto Suturing Device**
- Molecular, Cellular, Tissue Engineering
- Micro/Nano Technology
- Applied Engineering Statistics
- Engineering Professional Development

JOB & RESEARCH EXPERIENCE

Mentored Research, Norman, OK - Wilhelm Lab Researcher

AUGUST 2022 - PRESENT

- Engineering colloidal nanomaterials to aid in the future of diagnosis and treatment of life-threatening diseases, including cancer.
- Gaining expertise in the design and synthesis of organic and inorganic nanomaterials with defined physicochemical properties.

Mathnasium, Norman, OK - Math Instructor

SEPTEMBER 2020 - JUNE 2021

- Tutored over 20 students from ages 6 to 29 to help them gain a passion for learning math.
- Helped tailor to students' different learning styles by increasing their confidence and independence in the classroom.

VOLUNTEER EXPERIENCE

Eden Clinic, Norman, OK - Clinical Assistant

June 2022- PRESENT

- Serving healthcare and pregnancy need to aid women in their overall wellness.
- Ensuring that all women have health access to STI testing and treatment.

Big Brother Big Sister, Norman, OK - Big Sister

SEPTEMBER 2021- PRESENT

- Mentoring in a one-to-one relationship to help ignite the power and promise of youth.
- Keeping accountability of mentees by helping them achieve higher aspirations, greater confidence, and better relationships.

OU Big Event, Norman, OK - Student Volunteer

MAY 2020 - MAY 2022

- Demonstrating appreciation to the surrounding community by completing service projects such as painting, yard work, and visiting with the elderly.
- Service projects included yardwork at Mustang High School (2020) and serving at Jeltz Senior Center (2022).

PUBLICATIONS

N. Graves, K. Herrera, K. Laurence, and A. Victorio, "Microcontact Printing: How the Reusability of Stamps Without Reinking Affects Cell Adhesion" (2022)

CERTIFICATIONS

Data Analysis with Excel Pivot Tables - *Udemy*

ISSUED: MAY 2020

SKILLS

- Knowledgeable in safety protocol for a biosafety cabinet and fume hood.
- Background in cell cultures such as cell suspension and adherence.
- Self-motivated and works well with limited supervision.
- Proficient presentation and technical writing skills.
- Flexibility in time management to finish project deadlines.

HONORS AND ACTIVITIES

Biomedical Engineering Student Mentor

AUGUST 2021 - PRESENT

OU Baptist Christian Ministry

Mentor

MAY 2020 - PRESENT

Dean's Honor Roll GCOE

SPRING 2022, SPRING 2021, FALL 2020, FALL 2019

President's Honor Roll GCOE

SPRING 2020

Halliburton Women's Welcome

Program Chair

MAY 2020 - AUGUST 2020

OU Asian American Programs & Services' CelebRASIAN Operations Chair

JANUARY 2020 - MARCH 2020