

Chioma Chibuko

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EDUCATION

CSU STANISLAUS

B.S. in Biological Sciences

Overall GPA: 3.7

Awards: *Outstanding Student leadership award*

Turlock, CA

May 2025

RESEARCH EXPERIENCE

CSU STANISLAUS: DEPARTMENT OF Biology

Position: Undergraduate Assistant Researcher

Turlock, CA

January 2022 – Present

- Conducting research on the morphological characteristics of tendons in lizards to explore their structure and function.
- Performing detailed dissections
- Utilizing R for data analysis

WORK EXPERIENCE

CSU STANISLAUS: LEARNING COMMONS

Position: Peer Mentor Intern

Turlock, CA

July 2023 – Present

- Provided guidance and support to tutors and Supplemental Instruction leaders.
- Developed and facilitated professional development meetings to enhance team effectiveness.
- Fostered collaboration among peers and conducted check-ins to ensure well-being.

Position: Supplemental Instruction Leader

January 2022 – Present

- Arranged and managed weekly study sessions for students in courses with high pass/fail rates
- Implemented course concepts into session activities with feedback from course instructors
- Engaged students in group activities to help develop effective study skills
- Courses: General Biology I, General Chemistry I, General Chemistry II, Cellular and Molecular Biology

CSU STANISLAUS: ASPIRE

Position: STEM CRU Intern

Turlock, CA

January 2023 – January 2024

- Conducting research on the morphological characteristics of tendons in lizards to explore their structure and function.
- Performing detailed dissections

- Utilizing R for data analysis

North Park Post-Acute

Tracy, CA

Position: Certified Nursing Assistant

April 2023 – July 2023

- Provided direct patient care by assisting with daily activities, monitoring vital signs, and ensuring comfort and safety.
- Collaborated with medical staff to support patient treatment plans and maintain patient records.
- Responded to patient needs promptly, ensuring a high standard of care and compassion.

VOLUNTEER EXPERIENCE

CSU STANISLAUS: SCIENCE IN OUR COMMUNITY

Turlock, CA

Position: Volunteer

March 2023 – Present

- Conducted STEM events and experiments for K-12 students
- Guided young students interested in pursuing a STEM career
- Shared classroom learning with the public

SAINT BERNARD'S CATHOLIC CHURCH

Tracy, CA

Position: Teacher

July 2022 – July 2023

- Guided students through interactive activities
- Formulated the schedule for students for the program
- Engaged in physical activities that promote student learning

CONFERENCES

- Chioma Chibuko, Tory Sumbler, "Tendon Morphology in Lizards," Biological Sciences Research Presentation, 2024.
- Chioma Chibuko, Tory Sumbler, "Tendon Morphology in Lizards," Biological Sciences Research Presentation, 2023.
- Chioma Chibuko, Tory Sumbler, "Tendon Morphology in Lizards," Reverse Career Fair, 2023.

CLUBS/ORGANIZATIONS

BIOLOGY STUDENT ASSOCIATION

Turlock, CA

Position: Vice-President

August 2023 – Present

- Assist in the leadership and coordination of events and initiatives.
- Promote student engagement and academic development through events, workshops, and community-building activities.
- Support the president and executive board in ensuring a positive and productive experience for biology students.

BLACK STUDENT UNION

Turlock, CA

Position: President

August 2023 – Present

- Created the Black Joy Community in housing, which provides affinity housing for Black students and students who want to celebrate Black culture
- Created the Black Honors Program, which is a program within the honors program to celebrate Black academic achievement
- Lead and manage the Black Student Union, organizing events, initiatives, and fostering a supportive community for Black students.
- Collaborate with campus organizations and administration to promote diversity, inclusion, and cultural awareness.
- Advocate for the needs and concerns of Black students on campus and create opportunities for their academic and professional development.

Position: Treasurer

August 2022 – May 2023

- Raised donations to aid people in need
 - Offered support to people to prevent, prepare, and respond to emergencies
 - Improved teamwork and communication skills while working with others

SKILLS**Technical:** Proficient in Microsoft Word, Excel, PowerPoint, R, GEP**Communication:** Fluent in both English and Igbo, Excellent interpersonal skills**Laboratory Techniques:** Gram Staining, Quadrant streaking, Aseptic Technique, Cell Culturing, PCR, Gel electrophoresis.**Analytical Techniques:** Paper Chromatography, Column Chromatography, Mass Spectrometry, Nuclear Magnetic Resonance**Laboratory Safety:** Waste Disposal, Lab Equipment Maintenance, Sample Storage, Health and Safety Compliance, Personal Protective Equipment