ALEXANDRA WILLIAMS

ACADEMIC

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CAREER OBJECTIVE

The University of California, Los Angeles (UCLA) graduate (4.0 GPA) with 3+ years of experience assisting and supervising biological research projects. Looking to join a multi-disciplinary team of researchers in life science research and deliver accurate results at BioPhase.

WORK EXPERIENCE

ROCKEFELLER UNIVERSITY — **San Francisco, CA**
Biology Research Assistant — **10/2020-Present**

- Prepared 3-4 genomic samples per week from DNA for sequencing
- Monitored cells in tissue cultures for changes, maintaining a track record of 98.5% accuracy in the results
- Secured $47K in federal grants for pitching a proposal to help understand multimodality in animal size distributions
- Supervised 7 lab technicians, ensuring adherence to all lab maintenance procedures and protocols
- Assisted in establishing and maintaining $10M+ worth of laboratory equipment, reducing damages by 32%

NEW YORK UNIVERSITY (NYU) — **San Francisco, CA**
Biology Research Assistant — **08/2018-10/2020**

- Formulated mouse primary cortical neural stem cell line while ensuring adherence to Environment, Health, and Safety (EH&S)
- Researched 8 unique project topics as instructed by supervisors, and was commended by 3 professors for accurate research
- Graded 750+ biology papers between 2018 and 2020, and provided feedback that helped 12% more students pass
- Maintained records of 1.2K+ specimens submitted to the lab for research, and coordinated with the university and state for research analysis and reports
- Demonstrated knowledge of lab procedures to accomplish high-profile projects for the university and state of New York

VARSITY TUTORS — **San Francisco, CA**
Biology Tutor — **08/2016-10/2018**

- Guided 78 students on how to approach various biology assignments, increasing performance by 22%
- Created 12 mock exams to increase confidence, reduce anxiety, and prepare students for graduation
- Designed 67 high-quality lesson plans and strategies to help students understand various aspects of biology
- Conducted one-on-one tutoring for biology students, created performance reports and communicated progress with parents

EDUCATION

NEW YORK UNIVERSITY — **Los Angeles, CA**
Majoring in Biology, Bachelor of Science — **01/2015-01/2019**