

Alexandra Job

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OBJECTIVE

To obtain a Graduate Internship with Amgen

EDUCATION

Master of Science in Cell, Molecular and Developmental Biology June 2022

University of California, Riverside (UCR)

Relevant coursework: Molecular Basis of Disease, Molecular Biochemistry

Bachelor of Science in Biological Sciences June 2018

University of California, Riverside (UCR)

Relevant coursework: Molecular and Cellular Biology (Lab), Pathology, Neurobiology, Neuropharmacology

TECHNICAL SKILLS

Laboratory: SDS-PAGE, PCR/Cloning, Electrophoresis, Spectrophotometry, Amino acid analysis.

DNA/Extraction/Quantification, GC-MS, RNAseq data

Software: R, Python, Matlab, UNIX scripting, Computer Data Analysis, ELISA, Dynamic Modeling Methods

RELATED EXPERIENCE

Graduate Research Assistant, Department of Bioengineering, UCR January 2019 – Present

Investigated the effects of particle lengths on the uptake of nanoparticles within a Human Spleen

- Collaborated with a team of three research assistants to perform incubation experiments with various sized nanoparticles
- Cultured and cryopreserved human spleen macrophages
- Coated nanoparticles with PEG to extend circulation time and monitored carefully for major changes
- Analyzed cancer phototherapy results and communicated them with senior supervisor on a weekly basis

Cope Health Scholar, Riverside Community Hospital, Riverside, CA January 2017 – January 2018

- Worked closely with staff performing tasks such as escorting patients, preparing charts, stocking rooms with supplies, running errands, answering phones, and light clerical tasks
- Provided patient care by taking vital signs, weighing patients, answering call lights and providing psychosocial support for patients
- Assisted with accurate billing and patient records by inputting patient information into electronic medical records software

CAMPUS LEADERSHIP

College of Natural & Agricultural Sciences Ambassador, UCR February 2016 – February 2017

- Provided tours to prospective students and their families, sharing current UCR research and school facts
- Represented the College of Natural and Agricultural Sciences in a public relations role while greeting industry representatives at public events

ADDITIONAL SKILLS

Computer: SPSS, Word, Excel, PowerPoint, Access

Language: Bilingual in English and Arabic (written, verbal, and reading)

PROFESSIONAL AFFILIATIONS AND INVOLVEMENT

Vice President, Biomedical Sciences Graduate Student Association (UCR) September 2019 – Present

Member, Flying Samaritans (UCR) June 2017 – Present

Member, American Medical Student Association (UCR) September 2016 – June 2017