

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY

BACHELOR OF ARTS IN MOLECULAR & CELLULAR BIOLOGY, 3.6 GPA

Activities: Course Instructor, Researcher, Community Service, Model UN Delegate

Berkeley, CA

December, 2017

EXPERIENCE

IMAGINE H2O

Accelerator Contractor

May, 2017- August, 2017

- Lead architect in creating the 2018 Competition Universe to the accelerator program for water-tech startups
- Assisting with outreach and expansion of multiple global development programs and modeling the Policy 2.0 Program
- Performing business analysis of current operations while drafting improvements for marketing and visibility

UNIVERSITY OF CALIFORNIA SAN FRANCISCO- MT. ZION CAMPUS

Research Associate

July, 2015- September, 2016

- Research conducted within the Park Lab, under Dr. Mark Magbanua and Dr. John Park on the isolation and enumeration of circulating tumor cells from metastatic breast cancer patients; paper in progress
- Validating observed mutations through sanger sequencing, duplex PCR, and further genomic analysis to classify ER/PR positive patients into genetically distinct groups with a projected variation of sensitivity to specific targeted therapies
- Shadowed Dr. John Park, seeing breast cancer patients at the Helen Diller Comprehensive Cancer Center

STANFORD UNIVERSITY RESEARCH HOSPITAL

Research Associate

July, 2013- December, 2014

- Conducted research under Dr. Vinicio de Jesus Perez in investigating the role of CES1 in Pulmonary Arterial Hypertension
- Research honored abstract by ATS (American Thoracic Society), invited to present at ATS, 2014

LEADERSHIP

SURVEY OF NEUROSCIENCE

Course Instructor

August 2017-Present

- Undergraduate course creator and administrator; led group discussions, debates, and presentations of lecture material
- Lecturer on the basics of neuroscience: neuroanatomy, sensory transduction, perception, and higher cortical processing

UC BERKELEY MODEL UNITED NATIONS

Assistant Crisis Director, Delegate

February 2017-Present

- Participated in competitive committees mocking historical settlements through high-level debate and resolution writing
- Assisted hosting the UC Berkeley conference, UCBMUNXXI; competed at CHOMUNXX hosted at University of Chicago

CANCER 101

Course Instructor

January 2016-Present

- Undergraduate course administrator; led group discussions, debates, and presentations of lecture material
- Lecturer on the mechanisms of what cancer is, how it works, and how applied research can prevent and treat the disease

GLOBAL MEDICAL TRAINING- UC BERKELY CHAPTER

Vice President of Finance

August 2016-January 2017

- Reorganized structure of the executive board, implemented programs to enhance efficiency, managed finances
- Helped lead a medical service trip to Panama in January 2017

CAL ROTARACT

Vice President of External Affairs, Rotary Chair

November 2015-December 2016

- Managed the Cal Rotaract's allegiances and programming; linking Rotaract with other organizations of Cal's service community by holding cross-organizational events and promoting projects in cooperation with other non-profits or large-scale organizations (ie. Bill and Melinda Gates Foundation, Berkeley Rotary).
- Primary correspondent to Berkeley Rotary; established strong ties and a lasting reputation among local Rotary clubs
- Personally headed a 2-month fundraising project for End Polio Now (a Rotary Initiative), fundraised \$51,670.95

PUBLICATIONS

- J. Lee, F. Hsiao, R. Aurora, M. Magbanua, and J. Park. "Sequencing of Exon 9 and Exon 20 of PIK3CA Gene Reveal Recurrent Mutations in Breast Circulating Tumor Cells." Div. of Hematology Oncology, HDF Comprehensive Cancer Center, UCSF, February, 2017
- R. Aurora, et. al. "Loss of Carboxylesterase 1 Activity is Associated with Reduced Bone Morphogenetic Protein Receptor 2 and Membrane Localization in Pulmonary Endothelial cells" American thoracic Society International Conference Abstracts, May 21, 2014.