

Joslynn Ho

11171 Chapman Ave, Apt 16, Garden Grove, CA 92840

Phone: 714-510-6731. Email: honguyenha93@gmail.com/ hho49@ucla.edu

Education

- University of California, Los Angeles (UCLA), CA.** 2014-2017 (Expected)
Bioengineering major, B.S. GPA: 3.6/4.0
- Orange Coast College (OCC), CA.** 2011-2014
AS Degrees of Biology and Chemistry. GPA: 4.0/4.0

Research Experience

University of California, Los Angeles

Ozcan Lab (Bio- and Nano-Photonics), Bioengineering and Electrical Engineering Departments 9/2015-Present

PI: Professor Aydogan Ozcan; Mentor: Annirudha Ray, Postdoctoral candidate

Undergraduate research in developing a platform for specific capture of virus and then using a portable microscope for sized based virus detection. Specifically, I modify glass slides surface with salinization, polyethylene glycol, and poly-l-lysine coating for the immobilization of fluorescent biotin beads and HSV. The modified surface is to capture target molecules which can be detected via imaging devices such as holographic, fluorescence, and electron microscopes.

Di Carlo Lab (Microfluidic Biotechnology), Bioengineering Department 9/2015-6/2016

PI: Professor Dino Di Carlo

Undergraduate research in establishing the baseline force levels of native fibroblasts and transformed fibroblasts by using micro-patterning technique (force phenotyping platform) for sensing cellular force generation. Specifically, I prepare PDMS substrate, seed cells onto those substrates, and then image contracting cells using fluorescent microscopy. Data extracted from processing those images are used to establish the baseline force controls to be applied for performing future drug screens.

Capstone Design Project, Bioengineering Department 9/2015-4/2016

PI: Stephanie Seidlits, Ph.D

Undergraduate research in researching and developing a sonication probe with a cytology brush for mechanical removal of biofilms established in the surface of central venous catheters to prevent bloodstream infection. I am responsible for constructing the cytology brush and quantifying biofilms removed by the brush.

Work Experience

Student Assistant at Orange Coast College Health Center 2013-2014

Help patients schedule appointments, organize charts and report the students' symptoms to medical staff.

Student Assistant at Orange Coast College Library 2012-2013

Help students search for books and perform others tasks related to the circulation of library materials.

Activity Experience

Vietnamese Society Union (VSU): Tour and Entertainment Coordinator at High School Conference (HSC) 2016

Provide campus/ dorm tours and set up entertainment show in HSC, which is the event to educate and to promote higher education for high school students and their families from underserved communities in Southern California.

Vietnamese Community Health (VCH): Active members	2016-Present
Participate in weekly meetings and volunteer at health sites and healthfairs to offer free medical services such as BMI and hypertensive screenings to underserved community at Orange County.	
Bioengineering and Vietnamese Community Health at UCLA: general member	2014-Present
Jaclynn Do MD's private clinic: front desk assistant	9/2015-2/2016
MD100 Project (Pre-medical Student Organization) at Orange County	2014-2016
Active member: an intern of the year 2015 for a successful internship at Nhan Hoa Health Care Clinic.	
CHOC Children's Hospital	2012-2014
Help nurses fax medical records and confirm appointment schedules for patients at Breathmobile Office.	
Orange Coast College: teaching assistant in Biology and Chemistry Laboratories	2012-2014
Anaheim Public Library: volunteer as a shelf organizer.	2011

Awards and Honors

Dean's Honor List at UCLA.	Fall 2015
Recognition Award Scholar at UCLA for entering transfer student with excellent academy.	2014
President's List at OCC.	2012 -2014
Lewis Memorial Science Scholar at OCC.	2014
Osher Foundation Scholar at OCC.	2013
Second Prize of Distinction in the Regional Australia Royal Chemistry Contest, Vietnam.	2010
First Prize in City-Wide-Math Competition, Vietnam.	2009
Third Prize in National Math Competition for solving math using portable calculator, Vietnam.	2008

Skills

Knowledge of C++ and Java Programming.

Proficiency in Microsoft Office Programs (Word, Excel, and Power Point).

Have experience in using Fluorescent Microscopy, Cell culture, and Micro-contact printing techniques

Miscellaneous

Howard Hughes Medical Institute (HHMI) Program	2015-Present
Undergraduate researcher in HHMI program run by Professor Ozcan for developing novel bio-imaging techniques. Work is presented in a conference organized by the Ozcan lab at the end of the school year.	

Research presentation

1. "Sonication and Microbrushing as Mechanical Modes of Central Venous Catheter Biofilms Elimination" by Wang, J., Thulin, J., Petersen, G., Scharf, J., Ho, K., **Ho, J.**, Seidlits, S., poster presentation in **Capstone Design Project** at UCLA, March 2016.
2. "Detection of Herpes Simplex Viruses using Cell Phone Based Immuno-Fluorescence Microscopy" by **Ho, J.**, Torres, A., Ray, A., Qingshan, W., Ozcan, A., poster presentation at **UCLA Poster Day** and **HHMI Day**, May 2016.