

Donghyeok “Danny” Kim

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EDUCATION

University of California, Los Angeles **2015 -**
Present
BS in Biochemistry, June 2019: 3.7 GPA

EXPERIENCE

Dino Di Carlo Lab| UCLA - Undergraduate Researcher **2016 -**
Present

- Working under Professor
- Performed immunoassays to analyze sensitivity, robustness, and effectiveness of HEBA
- Optimizing and designing experimental procedures to investigate Lyme-disease antibodies

Venice Family Clinic| Santa Monica - Lead Clinic Assistant **2016 -**
Present

- Provide patient care and work-up patients for medical history, reason for visit, & healthcare screening
- Clean and stock the patient rooms with medical supplies

Shadowing

- Young Bae Kim, M.D. at Jung & Kim Otolaryngology Care **June**
2015
 - 20 hours, ENT surgery
- Young Kyung Kim at New Hongje Hospital **June**
2015
 - 25 hours, RN
- Steven-Huy Han, M.D. at Ronald Reagan UCLA Medical Center **December 2015 - April**
2016
 - 30 hours, Hepatology, Surgery

PUBLICATIONS

D. Kim, Q. Wei, **D. Kim**, D. Tseng, J. Zhang, E. Pan, O. B. Garner, A. Ozcan, and D. Di Carlo, "Enzyme-free Nucleic Acid Amplification Assay Using a Cellphone-Based Well Plate Fluorescence Reader", *Analytical Chemistry (in review)*

CONFERENCES

3rd Annual Micro and Nanofluidics Symposium, UCLA, Los Angeles, CA **Dec.**
2016

D. Kim, **D. Kim**, O. B. Garner, A. Ozcan, and D. Di Carlo “Homogenous Amplified Digital Immunoassay”

18th Annual UC Systemwide Bioengineering Symposium **June**
2017

D. Kim, **D. Kim**, O. B. Garner, A. Ozcan, and D. Di Carlo “Homogenous Amplified Digital Immunoassay”
UCLA Undergraduate Research Center Poster Day **May**

2017

D. Kim, **D. Kim**, O. B. Garner, A. Ozcan, and D. Di Carlo “Homogenous Amplified Digital Immunoassay”
ACS Southern California Undergraduate Research Conference **April**

2017

D. Kim, **D. Kim**, O. B. Garner, A. Ozcan, and D. Di Carlo “Homogenous Amplified Digital Immunoassay”

SKILLS

- ELISA & Bradford assay
- Immunoblotting & SDS PAGE
- AutoCAD, Solidworks, CREO
- Pymol
- NMR, IR, UV Spectroscopy
- PCR & qPCR
- Affinity, Size-Exclusion, Metal-Ion chromatography
- Cell culture
- Adobe Photoshop, After Effects

MISCELLANEOUS

California Veteran’s Home, Volunteer **2016 - Present**

- Serving food and doing odd labor jobs such as moving veterans, building picnic tables, landscaping

FAST Fashion Club, Model **2017 - Present**

- Practice and prepare for an annual runway show with hundreds of attendees and dozens of sponsors

Certified Lifeguard **2014 - Present**

- Trained in CPR and First Aid

AV Technician, Diamond Bar United Church of Christ **2011 - 2015**

- Set-up, calibrated, and ran the audio-visual equipment every week for mass

Fluent Korean, Basic Spanish