

# Nancy Nguyen

## Permanent Address:

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## Current Address:

De Neve Gardenia/Holly G432  
330 De Neve Drive  
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## EDUCATION

*University of California, Los Angeles, Los Angeles* 2014 – 2017 (expected)  
Major: Bioengineering, B.S.  
Cumulative GPA: 3.881/4.00 (Transferred)  
*University of California, Riverside, Riverside* 2012 – 2014  
Major: Bioengineering, B.S.  
Cumulative GPA: 3.881/4.00

## RESEARCH

*University of California, Los Angeles* 2014 - Present  
*HHMI Lab (Bio- and nano-photonics) - Supervisor: Aydogan Ozcan, Ph.D.*  
Undergraduate research developing a portable medical diagnostic tool based on a cellphone device for malaria disease detection in developing regions. Specifically, I will be working on developing a fluorescence in situ hybridization assay for detecting copy number variation in parasite DNA.  
*University of California, Riverside* Summer 2014  
*Evolution and Molecular Systematics Lab - Supervisor: Mark Springer, Ph.D.*  
Undergraduate research that investigated the genetic basis for, and evolution of, blindness in a subterranean mammal, the marsupial mole. I also worked on analysis of optic genes to determine phylogeny of multiple mammals. Experience includes performing PCR, gel electrophoresis, DNA purification, obtaining gene sequences from Gen Bank, and aligning genes on Se-AL.

## SKILLS

*Programs:* Se-al, GenBank  
*Laboratory:* PCR, gel electrophoresis, DNA purification

## WORK EXPERIENCE

*Physics Student Lab Assistant* 2012 – 2014  
Employer: Herb Kuehne (Department of Physics and Astronomy)  
Responsible for take down and set up of weekly physics lab  
Familiar with apparatuses such as parallel plate capacitors and multimeters

## AWARDS/SCHOLARSHIPS

*Honors Fellowship (Academic Excellence Scholarship) - \$2500* 2014  
Awarded to students who demonstrate commitment to educational excellence, seeking to continue their education in graduate/professional school  
*Honors Residential Scholarship - \$1000* 2013  
Honors Residential Scholarship that supports opportunity for University Honors students to reside in Honors Housing  
*Highlander Excellence Scholarship - \$1000 each year at UCR* 2012 – 2013  
Offered to incoming UCR freshmen with a distinguished high school academic record  
*AP Scholar with Distinction* 2012  
Granted to students who receive an average score of at least 3.5 on all AP Exams taken, and scores of 3 or higher on five or more of these exams.

## EXTRACURRICULARS

Honors Program at UC Riverside 2012 - 2014