

# Ren Abelard Arriola Odion

1168 Heliotrope Dr. Apt #4

Los Angeles, CA 90029

Telephone: (323)-633-5634 / e-mail: [smakey18@gmail.com](mailto:smakey18@gmail.com)

---

---

## EDUCATION

*University of California, Los Angeles*

2012-2016 (Expected)

Major: Bioengineering, B.S.

GPA: 3.678

---

---

## RESEARCH

*University of California, Los Angeles*

2014-2015

**Ozcan Lab (Bio- and nano-photonics)**

PI: *Aydogan Ozcan, Ph.D*

Mentor: *Euan Mcleod, Ph.D*

Undergraduate research in developing imaging techniques such as holography and fluorescence in portable platforms. Worked on fluorescent nano-particle characterization using machine-learning techniques.

*The University of Tokyo*

2015 (Summer)

**Goda Lab (Photonics and Microfluidics)**

PI: *Keisuke Goda, Ph.D*

Mentor: *Akihiro Isozaki, Ph.D*

Summer research as part of Amgen Scholars Program. Worked on improving microfluidic design using chemical surface treatments.

*University of California, Los Angeles*

2015-Present

**Ozcan Lab (Bio- and nano-photonics)**

PI: *Aydogan Ozcan, Ph.D*

Mentor: *Jose Clemente Contreras-Naranjo, Ph.D*

Undergraduate research in developing imaging techniques such as holography and fluorescence in portable platforms. Worked on improving digital ELISA techniques using novel methods in isolating single micro-particles in small fluid columns.

---

---

## EXTRACURRICULARS

**Tau Beta Pi (Engineering Honor Society)**

2014-Present

Position: Member Coordinator

Directed and planned multiple social and academic events for initiating members.

**Biomedical Engineering Society (BMES)** 2014-Present  
Position: General Member

**Japanese Animation Club (JAC)** 2012-Present  
Position: General Member, Screener, Senior Advisor  
Directed and planned social events related to modern Japanese culture and arts.

---

---

**AWARDS/SCHOLARSHIPS**

**Schoninger Scholarship** 2014  
\$2500 merit scholarship.

**Scholarship Recognition Award** 2012  
\$2500 merit and need-based scholarship awarded to incoming UCLA freshmen.

**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.

---

---

**MISCELLANEOUS**

**Howard Hughes Medical Institute (HHMI) Program** 2014-Present  
Intensive research 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.

**Amgen Scholars Program** 2015 (Summer)  
Research program at The University of Tokyo sponsored by Amgen®. Work is presented in a research symposium at The University of Tokyo in collaboration with Kyoto University.

---

---

**RESEARCH PRESENTATIONS**

1. “Color-Based Classification of Microscale Objects Using Lensfree Imaging” by **Odion, R.**, Yang, Z., Chen, Y., Yan, E., Mcleod, E., Feng, S., Chan, R., Ozkan, H., and Ozcan, A., **poster presentation** at UCLA Poster Day (Los Angeles, CA), May 2015.
2. “Color-Based Classification of Microscale Objects Using Lensfree Imaging” by **Odion, R.**, Yang, Z., Chen, Y., Yan, E., Mcleod, E., Feng, S., Chan, R., Ozkan, H., and Ozcan, A., **poster presentation** at HHMI Day (Los Angeles, CA), June 2015.
3. “Air Pressure Controlled Wall-less Microchannel” by **Odion, R.**, Nakagawa, Y., Isozaki, A., and Goda, K., **poster presentation** at 1<sup>st</sup> Annual Amgen Scholars Symposium in Japan (Tokyo, Japan), August 2015.