

# Carolyn C. Egekeze

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## EDUCATION

### **Loyola Marymount University**

*Bachelor of Science in Biology*

*Minor in Biochemistry*

**cGPA: 3.78**

Expected May 2020

## RESEARCH EXPERIENCES

### **Loyola Marymount University**

Los Angeles, CA

Undergraduate Research Assistant in Mouzakis Lab

January 2019 - Present

### **University of Colorado School of Medicine**

Aurora, CO

RNA Bioscience Institute Summer Intern in Tamburini Lab

June 2019 - August 2019

### **Center for Urban Resilience (CUREs)**

Los Angeles, CA

Undergraduate Research Assistant

February 2017 – June 2017

## PRESENTATIONS

**Southern California Conference for Undergraduate Research**, San Marcos, CA. "Determining how Stem-loop Structure Thermodynamic Stability Influences Frameshifting Efficiency at the HTLV-1 gag-pro Frameshift Site," November 2019. Poster Presentation.

**RNA Bioscience Institute Summer Internship Program**, Aurora, CO. "Evaluating DUSP1 mRNA in Cancer Cells to Determine the Influence of PD-L1 and STAT3," August 2019. Oral Presentation.

**Eleventh Annual Undergraduate Research Symposium**, Los Angeles, CA. "Determination of the Relationship Between Thermodynamic RNA Stem-Loop Stability and Frameshift Efficiency," March 2019. Poster Presentation.

**Ninth Annual Undergraduate Research Symposium**, Los Angeles, CA. "Potential Impacts of Artificial Feeders on Hummingbird Behavior," March 2017. Poster Presentation.

## WORK EXPERIENCE

**LMU Biology Department** August 2019 - Present  
Los Angeles, CA  
Teaching Assistant for General Biology Lab I and II

**LMU Biology Department** January 2019 – May 2019  
Los Angeles, CA  
Teaching Assistant for Genetics

**LMU Campus Awareness Resource Education Services** March 2017 – June 2019  
Los Angeles, CA  
Student Support Specialist

### **LEADERSHIP AND SERVICE EXPERIENCE**

**Ignatians Service Organization** March 2017 – Present  
Los Angeles, CA  
General Member

**Black Student Union** June 2017 - June 2019  
Los Angeles, CA  
Co-Vice President

**EmpowerHER** October 2017 - Present  
Los Angeles, CA  
General Member

### **HONORS AND AWARDS**

Trustee Scholarship  
Dean's List (Fall 2016 – Fall 2019)

### **HIGHLIGHTED SKILLS**

Computer Skills: Microsoft Word, Microsoft Outlook, Microsoft Excel, Microsoft PowerPoint, Google Drive

### **RESEARCH INTERESTS**

Molecular biology, cell biology, biochemistry, physiology, biomedical sciences, microbiology, genetics, virology, cancer

### **RELEVANT COURSEWORK**

General Biology I    Organic Chemistry I    General Physiology

General Biology II  
General Chemistry I  
General Chemistry II  
Calculus for the Life Sciences I  
Calculus for the Life Sciences II

Organic Chemistry II  
Cell Function  
Genetics  
Molecular Biology  
Biochemistry

Physics I  
Physics II  
Toxicology  
Embryology  
Advanced Biochemistry