

# Clariss Ann Limso

clariss.limso@duke.edu

## Education

---

**Duke University** Ph.D. in Biochemistry, 2018 – Present

**California State University, Long Beach (CSULB)** M.S. Biochemistry, 2018

**University of California, Los Angeles (UCLA)** B.S. Biochemistry, 2014

## Publications

---

1. Strenkert, D., **Limso, C. A.**, Fatihi, A., Schmollinger, S., Basset, G. J., & Merchant, S. S. (2016). Genetically Programmed Changes in Photosynthetic Cofactor Metabolism in Copper-deficient *Chlamydomonas*. *The Journal of biological chemistry*, 291(36), 19118–19131. <https://doi.org/10.1074/jbc.M116.717413>
2. Roach, B. L., Ngo, J. M., **Limso, C.**, Oloja, K. B., & Bhandari, D. (2018). Identification and characterization of a novel phosphoregulatory site on cyclin-dependent kinase 5. *Biochemical and biophysical research communications*, 504(4), 753–758. <https://doi.org/10.1016/j.bbrc.2018.09.017>
3. **Limso, C.**, Ngo, J. M., Nguyen, P., Leal, S., Husain, A., Sahoo, D., Ghosh, P., & Bhandari, D. (2020). The  $\alpha$ -interacting vesicle-associated protein interacts with and promotes cell surface localization of GRP78 during endoplasmic reticulum stress. *FEBS letters*, 594(6), 1088–1100. <https://doi.org/10.1002/1873-3468.13685>

## Awards

---

- Ethel Terry McCoy Award for Excellence in Biochemistry, **UCLA, June 2014**
- McAbee-Overstreet Research Scholarship for excellence in scholarship and commitment to research in Biochemistry, **CSULB, May 2017**
- Don Eden Graduate Student Research Award, **30<sup>th</sup> California State University Annual Biotechnology Symposium, Santa Clara, CA, January 2018**
- Graduate Dean's List of University Scholars and Artists, **CSULB, May 2018**

## Research Experience

---

**Duke University, Department of Biochemistry** **May 2019 – Present**

Graduate Research Assistant (Dr. Meta Kuehn – Principal Investigator)  
Project: Exploring *S. aureus* cytoplasmic membrane vesicle formation and function

**CSULB, Department of Chemistry and Biochemistry** **April 2016 – August 2018**

Graduate Research Assistant (Dr. Deepali Bhandari – Principal Investigator)  
Thesis: Characterization of GIV-GRP78 interaction during endoplasmic reticulum stress: A promising target to curb cancer cell survival

**UCLA, Department of Chemistry and Biochemistry** **March 2014 – May 2015**

Undergraduate Research Assistant (Dr. Sabeeha Merchant – Principal Investigator)  
Project: Characterization of copper-regulated proteins in *Chlamydomonas reinhardtii*

**UCLA, Department of Psychology** **October 2013 – June 2014**

Undergraduate Research Assistant (Dr. Kate Wassum – Principal Investigator)  
Project: Investigating the role of rapid basolateral amygdala glutamate signaling in value-based decision making using rats as a model organism

## Teaching and Mentoring Experience

---

**Teaching Assistant for Biochemistry I: Intermediary Metabolism** **Fall 2019**

Duke University Department of Biochemistry  
Responsibilities: Lead weekly recitation, hold two office hours per week, and grade exams

**Laboratory Mentor****August 2016 – August 2018**

CSULB, Department of Chemistry and Biochemistry (Dr. Deepali Bhandari – Principal Investigator)

Mentored and supervised two undergraduate students, Jordan Ngo and Stephanie Leal. I worked closely with Jordan and Stephanie to design appropriate experiments and controls for their projects.

**Teaching Assistant for Introductory Chemistry****Fall 2015**

CSULB, Department of Chemistry and Biochemistry

Responsibilities: Lead activity and recitation sessions three times weekly for three different class sections, hold two office hours per week, grade exams and activity worksheets

**Oral and Poster Presentations**

---

**College of Natural Sciences and Mathematics Student Research Symposium****September 15, 2017, Long Beach, CA**

Poster Title: Characterization of GIV-GRP78 interaction during endoplasmic reticulum stress

**30<sup>th</sup> California State University Annual Biotechnology Symposium****January 12, 2018, Santa Clara, CA**

Poster Title: Characterization of GIV-GRP78 interaction during endoplasmic reticulum stress: A promising target to curb cancer cell survival

**30<sup>th</sup> California State University Annual Biotechnology Symposium****January 13, 2018, Santa Clara, CA**

Oral Presentation Title: Characterization of GIV-GRP78 interaction during endoplasmic reticulum stress: A promising target to curb cancer cell survival

**CSULB Student Research Competition****February 16, 2018, Long Beach, CA**

Oral Presentation Title: Characterization of GIV-GRP78 interaction during endoplasmic reticulum stress: A promising target to curb cancer cell survival

**American Society for Biochemistry and Molecular Biology (ASBMB) Annual Meeting 2018****April 21-25, 2018, San Diego, CA**

Poster Title: Characterization of GIV-GRP78 interaction during endoplasmic reticulum stress