

LYNA NGOR

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Skills Summary:

- Molecular biology: DNA extraction, concentration, quantification, and purification. Also, PCR, qPCR, gene cloning via plasmid insertion, microbes culturing and preservation.

Education:

- 2020–Present. Graduate student at the McFrederick's lab, Entomology Dept., University of California, Riverside (UCR).
- 2018 – 2020. Bachelor of Science in Biology, UCR.
- 2013 – 2018. Mount San Jacinto Community College (MSJC).

Research Experience:

- 2020 - Present. P.h.D. student, UCR.
- 2018 - 2020. Undergraduate student researcher at the McFrederick's lab, UCR.
- 2018, Summer. Research internship via Research in Science and Engineering program (RISE) at UCR.
- 2017, Spring. Independent research project in Honor Enrichment Program at MSJC.

Research Interest:

I am interested in how anthropogenetic activities such as Contaminants of Emerging Concerns affects the ecosystem including plants, insects, and insect's microbiome/pathogens.

Peer-Reviewed Publication:

2020 **Ngor, L.**, Palmer-Young, E., Burciaga Nevarez, R., Russell, K., Leger, L., Giacomini, S., . . . McFrederick, Q. (2020). Cross-infectivity of honey and bumble bee-associated parasites across three bee families. *Parasitology*, 1-15. doi:10.1017/S0031182020001018

2019 Palmer-Young, E.C., **Ngor, L.**, Burciaga Nevarez, R., Rothman, J.A., Raffel, T.R. and McFrederick, Q.S. (2019), Temperature dependence of parasitic infection and gut bacterial communities in bumble bees. *Environ Microbiol*, 21: 4706-4723. doi:[10.1111/1462-2920.14805](https://doi.org/10.1111/1462-2920.14805)

Award and Honor Program:

- 2020 Eugene Cota Robles Fellowship.
- 2018 Completion of RISE program.
- 2016 – 2017 Student Honor Program at Mount San Jacinto Community College.