

## Summary

Organized, detail-oriented, and energetic first-year graduate student working towards a Ph.D. in Molecular, Cellular, and Integrative Physiology and intending to pursue a career in academia.

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## Education

### Michigan State University, East Lansing, MI

Expected Graduation April 2028

- PhD Student in the Molecular, Cellular, and Integrative Physiology Program

### University of South Carolina, Columbia, SC

Completion April 2023

- Postbaccalaureate Research Education Program (PREP) Class of 2023

### Oakland University, Rochester, MI

Graduation April 2022

- Bachelor of Science in Clinical Diagnostic Science
    - Pre-Professional Concentration, graduate of the Honors College
  - Honor's Thesis, *COVID-19 and the United States*, Primary Advisor Christina Lim
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## Research Experience

- Extensive course research project on adulterated honey in China, *Beyond Honeygate (2021)*
  - Honors thesis, titled *COVID-19 and the United States (2022)*, Primary Advisor Christina Lim
  - PREP Scholar studying the effect of obesogenic diets on oogenesis in *Drosophila melanogaster* in the Armstrong lab (**June 2022-April 2023**)
  - Rotations in the Tykocki Lab (**August-October 2023**) and the Leininger Lab (**October-December 2023**)
  - Graduate Research Assistant in the Tykocki Lab (**January 2024 – Present**)
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## Presentations

- **Discover USC, Columbia, SC** **April 21, 2023**
    - Poster: Determining the Cellular Effects of Obesogenic Diets on *Drosophila* Oogenesis
  - **Annual Biomedical Research Conference for Minority Students (ABRCMS), Anaheim, CA** **November 11, 2022**
    - Poster: *Determining the Cellular Effects of Obesogenic Diets on Drosophila Oogenesis*
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## Teaching Experience

### Oakland University, Rochester, MI

#### Microbiology Laboratory Teaching Assistant- School of Health Sciences

August 2021- April 2022

- Prepped all ten microbiology laboratory sections in the School of Health Sciences – prepping microorganisms, running example bench tests, preparing microscope slides, keeping lab reagents stocked
- Assisted in grading quizzes and proctoring exams

### Oakland University, Rochester, MI

#### Honors College Student Fellow/Teaching Assistant

September 2019- December 2021

- Created lesson plans, wrote quizzes, led small group sessions, and facilitated in-depth discussions
  - Coordinated large-scale planning of virtual and in-person events to get students involved in the HC community
  - Facilitated student questions and comments to guest lecturers
  - Managed and trained teaching assistants as well as other student fellows
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## Relevant Work Experience

NeuMoDx – a QIAGEN Company, Ann Arbor, MI

*Systems Integration Intern*

**May 2021- August 2021**

- Ran weekly internal SARS-COV-2 tests for the entire compound, around one thousand tests per week
- Organized inventory and storage for ease of access during unstable delivery patterns due to supply-chain disruptions
- Facilitated maintenance, upkeep, testing, and use of NeuMoDx 96 and 288 PCR machines
- Conducted assorted bench work related to PCR, such as bench extractions

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## Achievements and Awards

- Oakland University Honors College Presidential Scholar
- Oakland University Honors College Moceris Scholar
- Alliantgroup STEM Scholarship
- Honors College Merit Award

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## Additional Skills

- Proficient in Google Suite, as well as Microsoft Word, Excel, Teams, and PowerPoint
  - Experience with PRISM
  - Experience with remote contacting software: Skype, Discord, Zoom, Google Meet, and WebEx
  - Senior Instructor, Second Degree Black Belt in Taekwondo
  - Basic knowledge of Mandarin Chinese and ASL
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