

## Ivor Ho

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Commented [1]: Save it as PDF and post it on your website (ivorho.github.io).

### Education

#### Bachelor of Science in Biology (Computational Biology)

Expected May 2027

Florida State University, Tallahassee, FL

3.759 GPA

#### High School Diploma

Flower Mound High School, Flower Mound, TX

May 2023

3.8 GPA

### Work Experience

#### MD Anderson CPRIT-CURE Lab Intern

(June 2025 - August 2025)

Chen Lab, MD Anderson Cancer Center CPRIT CURE Program, Houston, Texas

- Programmed Python and R scripts to extract molecular interactions from curated databases
- Transformed interactions into directed graph format for downstream analysis
- Presented poster at symposium at end of program

Commented [2]: Add your lab experience, duties (what you do regularly), research related, skill related, etc.

#### SMART Intern/Lab Assistant

Shaulsky Lab, Baylor College of Medicine SMART Program, Houston, Texas

(June 2024 - August 2024)

- Perform wet lab procedures including plasmid preparation, bacterial growth, GoldenBraid cloning, and restriction enzyme digestion
- Maintained lab journal for documenting daily procedures and presentation at weekly lab meetings
- Conduct research to prepare for public presentation at end of program

#### Research Assistant

Lemmon Lab, Florida State University, Tallahassee, Florida

(August 2023 - Present)

- Generate synthetic data using MatLab
- Program simulations and recorded peaks in parameter space in MatLab and R
- Prepare research data and findings for presentations at symposium and expo

Commented [3]: this is too generic. More specific?

#### Studio Administrator

Flower Mound Music Academy, Flower Mound, TX

(September 2022 – Present)

- Managed schedule for studio director
- Assisted students and parents in scheduling using applications such as Google Sheets
- Planned and organized events including recitals and concerts using Canva

Commented [4R3]: SMART Intern/Lab Assistant

You need to give more specifics like:

- duties like computational or web lab chores (collect xxxx data, administer experimental process, etc.

Commented [5R3]: "Aided research mentor in important research and relating tasks"

Needs more detail like in SMART paragraph

Lemmon lab job ended? Or still ongoing?

### Research/Presentations

Ho, Ivor, Ken Chen and Mohanty (2025) *Integrating molecular signature databases to holistically reveal gene signaling events*. Poster presented at the MD Anderson CPRIT CURE Program.

Ho, Ivor, Gad Shaulsky and Mariko Kurasawa (2024) *Exploring the expression of chromoproteins in Dictyostelium discoideum*, presented at the Baylor College of Medicine SMART Program

Weintraub, Courtney, Ivor Ho, and Alan R. Lemmon (2024) *Modeling Neural Circuits to Understand Reproductive Isolation and Cryptic Evolution*, presented at the Florida State University Department of Scientific Computing CX24

Ho, Ivor and Alan R. Lemmon (2024) *Modeling Neural Circuits to Understand Incipient Speciation Part 2: Quantifying the Potential for Cryptic Evolution*, presented at the Florida State University Department of Scientific Computing CX24

### Honors/Awards

- MD Anderson CPRIT-CURE Internship 2025
- Baylor Medical Center SMART Internship 2024
- FSU Dean's List 2023, 2024, 2025

- FSU Honors Program Member 2023
- FSU UROP Member (Undergraduate Research Opportunity Program) 2023-2024
- Musician of the Year, Flower Mound High School Orchestra 2022

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#### **Community Service**

##### **Flower Mound Key Club**

- Served the Flower Mound/Lewisville community in different services (November 2020- May 2023)
- *Keep Flower Mound Clean*: Cleaned in various areas around Flower Mound

##### **Bluebonnet Classroom**

- Taught English to international grade school students weekly via Zoom (October 2020 - July 2021)

##### **Teaching Assistant**

- Co-taught English with teachers in Taiwan to grade school students (May 2021 – June 2021)

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#### **Skills**

Language: English, Chinese (Beginner spoken), Spanish (first level, Spoken)  
 Computational: Matlab, R and RStudio, Python | Operating systems: MacOS, Linux  
 Project management: GitHub  
 Computer Applications: Google office (Word processing, Spreadsheet, Slides)

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*Revised: September, 2025*