

# Kelsey Mainard

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## Education

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[Ph.D., Biology \(Ongoing\)](#) | Dr. Wanhe Li Lab, Texas A&M University | Fall 2024 – Present

[B.S., Biology](#) | Texas A&M University | Department Honors | Business Minor | 2019 – 2023

## Positions

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[Graduate Research Assistant](#) | Dr. Wanhe Li, Texas A&M | Summer 2024 – Present

[Research Assistant \(Full-Time\)](#) | Dr. Wanhe Li, Texas A&M | Summer 2023 – Summer 2024

[Undergraduate Researcher](#) | Dr. L. Rene Garcia, Texas A&M | Fall 2021 - Spring 2023

## Fellowships

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Hagler Institute for Advanced Study Graduate Fellowship | Fall 2024 – Spring 2025

In collaboration with Nobel Laureate Dr. Michael W. Young

Paid stipend and fees by the Division of Research

## Conference Presentations (T-Talk, P-Poster)

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Texas Society for Circadian Biology and Medicine Conference (P)

2nd Place Poster Contest Winner (April 2024)

## Additional Training

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- Cold Spring Harbor Laboratory Course: “Drosophila Neurobiology: Genes, Circuits, and Behavior” (June-July 2024)
- HPRC Courses: Introduction to Next Generation Sequencing, Introduction to Linux, Grace Primer, FASTER Primer, Slurm Job Scheduling Primer (Fall 2023)

## **Student Research Mentoring**

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- Hunter Lindsey (Undergraduate - Fall 2023-Spring 2025)
- Garima Rajan Abbi (Graduate - Fall 2023 5-week rotation)
- Robin Erickson (Undergraduate – Summer 2024)

## **University & Community Service**

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- Designed Course Clock Journaling Club Shirt (Fall 2024)
- Co-Chair - Freshman Orientation Camp (“Fish Camp”) (Spring 2021 – Fall 2022)
- Counselor - Freshman Orientation Camp (“Fish Camp”) (Spring 2020 – Fall 2020, Spring 2021 – Fall 2021)

## **Professional Memberships**

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Society for Research on Biological Rhythms (Spring 2024-Present)

## **Publications**

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Illustration Credit:

*Artificial Intelligence for Space: AI4SPACE Trends, Applications, and Perspectives.* (2023). (O. S. Matteo Madi, Ed. 1). CRC Press.

## **Additional Skills**

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R, ImageJ, GraphPad Prism, Galaxy, Adobe Photoshop & Illustrator