

THOMAS PHILLIPS

EDUCATION

Bachelor of Science, **Ecology, Evolution, and Biodiversity**

University of California-Davis

expected June 2023

PROGRAMS AND SOCIETIES

Research Scholars Program in Insect Biology, University of California-Davis

inducted February, 2020

Research Experience for Undergraduates, National Science Foundation

June 2021 - August 2021

ACTIVITIES

UC Davis **Police Reform Researcher**

February 2021 - present

CALPIRG **Environmental Outreach Volunteer**

October 2019 - December 2019

* Received "Top Pledger" award

UC Davis **Learning Assistant** for introductory biology course

January 2020 - March 2020

Mentor Collective **Mentor** for incoming biology majors

August 2020 - present

EXPERIENCE

Research Assistant, Karp Lab, University of California-Davis

April 2020 - present

- ❖ **Identified diets of 500+ insect species** through online research, organized data with Google Sheets
- ❖ **Reviewed methods and findings of 30+ scientific articles**, organized data with Google Sheets
- ❖ **Tested predictor variables for bird nesting success by running 74 unique models** in RStudio
- ❖ **Charted 100+ forms of land-use** on satellite images with ArcGIS

Research Intern, Louisiana Universities Marine Consortium, Chauvin LA

June 2021 - August 2021

- ❖ **Collected invertebrate, vegetation, and benthic chlorophyll data** from marsh mesocosms
- ❖ **Produced temporal line graphs and ran statistical significance tests** on crab population dynamics
- ❖ **Presented research findings** to a large audience for 15 minutes

Wildlife Care Intern, Cape Wildlife Center, Barnstable MA

September 2018 - October 2018

- ❖ **Recorded daily weight and health** of juvenile small mammals, handled them with syringes
- ❖ **Prepared and administered oral medicine doses** for raptors and crows
- ❖ **Aided with sedation** of raptors during veterinary operations

SKILLS

Microsoft Office

ArcGIS

RStudio

Animal handling

Literature reviews

Insect photography (<https://tombugs.smugmug.com/>)

Communication

Collaboration

Critical thinking