

# KYLE REKEDAL

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## EXPERIENCE

MAY 2018 – PRESENT

**UNDERGRADUATE RESEARCH ASSISTANT**, AMEMIYA LAB

UNIVERSITY OF CALIFORNIA, MERCED

- Successfully confirmed the presence of Variable Lymphocyte Receptor B in *L. hubbsi*
- VLRB cDNA library generation from *L. hubbsi*
- *L. hubbsi* and *P. marinus* husbandry and immunization
- Genomic analysis and species confirmation of *L. hubbsi* from the Merced River
- Flow Cytometry of competent immune cells of interest

NOVEMBER 2019 – MAY 2020

**CYTOMETRY OUTREACH INTERN**, STEM CELL INSTRUMENTATION FOUNDRY

UNIVERSITY OF CALIFORNIA, MERCED

- Designed a program to educate high school students to introduce the concept of flow cytometry and enhance engagement with science as well as creating an Annual Report on cytometry usage data, fiscal changes, and research core goals.

## FELLOWSHIPS AND GRANTS

JUNE 2019 – PRESENT

**UNDERGRADUATE RESEARCH FELLOW**, ASSOCIATED STUDENTS OF THE UNIVERSITY OF CALIFORNIA, MERCED

- Two-time recipient of a cash award for research related costs relating to *Lampetra hubbsi* lampribody generation.

JUNE 2019 – PRESENT

**UROC SCHOLAR**, UNDERGRADUATE RESEARCH OPPORTUNITY CENTER

- Mentorship program and cash award to fund and support Summer 2019 and Summer 2020 research on the variable lymphocyte receptor in *Lampetra hubbsi*.

## SKILLS

- Molecular Cloning
- ELISA
- Flow Cytometry
- Cell Culture
- *In-Situ* Hybridization
- Western Blot
- Statistical Analysis in R
- Immunohistochemistry

## EDUCATION

EXPECTED GRADUATION: MAY 2021

**BIOLOGICAL SCIENCES**, UNIVERSITY OF CALIFORNIA, MERCED

Emphasis: Molecular and Cell Biology