

- Davis, California | (530) 304-6077 | jaweidenfeld@ucdavis.edu •

EDUCATION

University of California Davis

B.S. in Wildlife, Fish and Conservation Biology:

2016-2018

Concentration in Fisheries

GPA: 3.38

GRE SCORES (25 AUGUST 2019)

Analytical Writing	4.5 (81 st percentile)
Verbal Reasoning	155 (68 th percentile)
Quantitative Reasoning	154 (53 rd Percentile)

AWARD & CERTIFICATIONS

Citation for Outstanding Undergraduate Achievement: UC Davis	2018
Motor Boat Operator Training Course: Bodega Marine Lab	2018
Fume Hood Training & Lab Safety: UC Davis	2016-2020

ACTIVITIES

Volunteer for AFS Cal-Neva chapter at AFS/TWS Conference in Reno	2019
Putah Creek Council Docent: In training	2019
Treasurer for American Fisheries Society, Davis-Sac Subunit	2017-2018
Putah Creek Council Stewardship Leader	2014-2016

RESEARCH EXPERIENCE

- UCD Suisun Marsh Salinity Study Suisun Marsh, CA
Junior Specialist: Ted Grosholz lab July 2018-Present
 Oversaw field and lab work. Helped conceptualize out plant experimental trays and construct and deployment. Measured calcein stained clams for growth. Deployed a DWR sonde in Suisun marsh and provided continual servicing. Data management and R-studio analysis on collected data. Clam collection via ponar grabs. Chlorophyll sampling and Zooplankton tows. Conducted a feeding study on captive sturgeon and two invasive clam species. Collaboration/coordination with other labs & agencies
- UCD Juvenile Chinook Salmon Tagging Oroville Fish Hatchery & Conway Ranch
Field Volunteer: Rachelle Tallman & Andrew Rypel January 2019
 Transported 1500 endangered Chinook salmon from hatchery to field site. Monitored temperature and dissolved oxygen during a pit tagging marathon at Conway Ranch for juvenile Chinook salmon.
- Biogeochemistry and Fish Ecology Lab UC Davis
Student Assistant: Dr. Jim Hobbs January 2018-July 2018
 Assisted on a boat for field work in various bay tributaries and San Pablo Bay, deployed sls, otter and 20mm trawls. Sorted trawl samples in laboratory. Used microscope to identify: Mysid shrimp species, invertebrates, and juvenile and larval fish species. Data entry.
- UC Davis Suisun Marsh Fish Study North Delta & Suisun Marsh
Field Volunteer: Professor Peter Moyle & Teejay O'Rear 2015-2020
 Deployed/retrieved otter trawls. Measured & ID of live fish, aquatic inverts. Beach seining. Secchi disc

- UC Davis Aquatic Toxicology Laboratory
Student Assistant: Professor Swee Teh & Marie Stillway
Reference toxicity testing, Cerio Daphnia brood boards, prepared water standards, algae culturing, fish euthanasia via MS222, data analysis protocol, handling of concentrated herbicides, hardness and alkalinity testing, ammonia analysis, sterilization techniques.
- Rotary Screw Trap
Field Volunteer: Professor Peter Moyle and Emily Jacinto
Putah creek fish identification, MS222 use to anesthetize, live fish weighing and measurement
- Intertidal Invertebrate Community Composition
Field Volunteer: Ben Rubinoff UCD PhD Student
- Green Crab Project: Greater Farallones Association
Research Volunteer: M.S. Kate Bimrose
- Oyster Restoration Project
Research Volunteer: Professor Ted Grosholz & Dr. Chela Zabin
- DWR Native Tule Restoration
Research Volunteer: Dr. Jorge Renteria & Dr. Krista Hoffman