

Laila SanAhmadi

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Education	B.Sc., Marine Science, California State University of Monterey Bay (CSUMB), Marina, CA, 2015
Work Experience	
4/2022-5/2023	Marine Laboratory Research Assistant, Point Blue Conservation Science Petaluma, California 94954 <ul style="list-style-type: none">• At-sea-work experience with Applied California Current Ecosystem Studies (ACCESS) in the Greater Farallones and Monterey Bay National Marine Sanctuary gathering samples via Tucker net, Hoop net, CTD, Niskin bottles• At-sea-work experience gathering and processing zooplankton, microplastic, eDNA, phytoplankton, and nutrient samples• Assisted in creating a pilot project gathering microplastic samples for future analysis• Analyzed marine predator diet samples for the CA sea lion, Cassin's auklet, Brandt's cormorant, CA least tern and Western gull via species identification and morphometrics of otoliths, scales, and other finding to determine prey species, distribution, and abundance• Trained volunteers and new lab assistants in lab operations and sample processing• Presented and taught outreach activities focusing on Brandt's cormorant pellets and zooplankton at a local community college and the California Academy of Sciences
10/2021-1/2022	Scientific Aide, California Department of Fish and Wildlife Rancho Cordova, California 95670 <ul style="list-style-type: none">• Conducted shore and kayak surveys for pre-spawning mortality, escapement, and redds of Chinook salmon carcasses on the lower American River• Organized and repaired gear for field surveying• Obtained and recorded morphometrics, biological samples, disc tags, and provided QAQC• Conducted juvenile fish survey along the lower American River to determine native and invasive species presence
9/2019-3/2022	STEM Academic Tutor, College Living Experience (CLE) Monterey, California, 93940 <ul style="list-style-type: none">• In-person and online individual/group tutoring, social, and executive functioning support for college level students with learning differences• Documented sessions with database BestNotes and reported to the Academic Coordinator
1/2018-4/2020 Left position due to COVID-19 closure	Aquarist Trainee - Tuna Research Conservation Center (TRCC), Monterey Bay Aquarium Monterey, California 93940 <ul style="list-style-type: none">• Monitored and recorded the welfare of tagged and untagged pelagic fish (Pacific bluefin tuna, Pacific yellowfin tuna, and other schooling fish)• Assisted in research in the TRCC and Ocean Memory Lab: tagging, necropsies, collections, morphometrics of archival specimen, and preparing samples for stable isotopes• Created databases and assisted with manuscript writing for future research publication• Created safety protocols and trained volunteers/intern in husbandry and research tasks• Led outreach tours for Stanford Hopkins Marine Station and the MBA to promote conservation• Presented on conservation and tagging operations with the MBA's Education Department• Assisted with the database creation, analysis of data, and manuscript writing of a study• Itemization and financial records keeping for the TRCC

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5/2017-6/2017	Assistant Aquarist, Monterey Bay Aquarium Monterey, California 93940 <ul style="list-style-type: none"> • Daily husbandry and life support care for semi-open and open tropical and temperate tanks • Monitored welfare of pelagic fish species (including Northern anchovy and Pacific mackerel), tropical fish species, coral species, and cephalopods (cuttlefish, squid, and octopi), moray eels, and CA spiny lobsters • Took morphometrics of mortalities to determine exhibit health • Assisted in the monitoring and culturing of the pelagic red crab
8/2016-3/2017	Husbandry Intern - Shale Reef and Larval Culture Room, Monterey Bay Aquarium Monterey, California 93940 <ul style="list-style-type: none"> • Provided daily husbandry for larval fish culture room and shale reef organisms • Cultured fish species (primarily blue banded goby, jacksmelt, tubesnout, starry rockfish) from egg to juvenile life stage using the Modular Larval Rearing Systems (MoLaRS) • Studied jacksmelt from egg to juvenile life stage to document growth to perfect husbandry care • Presented jacksmelt finding to the Husbandry Department • Assisted in culturing algae species and invertebrates (mysids, copepods, and <i>Artemia</i>) for feedings
Aknowlegments	<p>Miller EA, Lisin SE, Smith CM, Van Houtan KS. 2020. Herbaria macroalgae as a proxy for historical upwelling trends in Central California. <i>Proc. R. Soc. B</i> 287:20200732</p> <p>Miller EA et al. 2021. Electron microscopy reveals viral-like particles and mitochondrial degradation in scombroid puffy snout syndrome. <i>Diseases of aquatic organisms</i>.</p> <p>Grimes T, and Galinat A. 2022. Lower American River fall-run Chinook salmon escapement survey October 2021-January 2022. California Department of Fish and Wildlife, North Central Region.</p>
Certifications	<ul style="list-style-type: none"> • Monterey Bay Aquarium (MBA) Husbandry Department Internship: “Cultivating Larval Fish: The Development of <i>Atherinopsis californiensis</i> (jacksmelt)” • NAUI Open Water Diving • ArcGIS (Geographical Information System) and Intermediate Mapping • Adult CPR (certified by American Academy of CPR & First Aid, Inc.; EXP: 3/11/2023)
Software Skills	Software: Windows/Macintosh Systems, Loligo Systems AutoResp, Tracks, Microsoft Office 365, BestNotes, Adobe Illustrator, R, JMP Pro, Microsoft Access

Professional References

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