June Shrestha

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Education

2015 - present **M.S.** Moss Landing Marine Laboratories, Marine Sciences, *in progress (exp. 2018).* Advisor: Scott Hamilton, Ichthyology Lab.

2009 - 2013 **B.S.** Virginia Tech, Biological Sciences. Minor: Music.

2012 **Study abroad.** Universidad San Francisco de Quito, Galápagos Islands, Ecuador. Coursework in Marine Sciences: Marine Biology, Marine Ecology, and Marine Resource Management/Conservation.

Professional Experiences

2016 - pres **Research Assistant**. *MLML Fisheries & Conservation Biology Lab.* **Moss Landing, CA**. Analyzed video data from a deep sea ROV.

2015 **Research Assistant.** *CA Dept. of Transportation & Enviro Science Associates.* **San Francisco, CA.** East Bay Bridge Demolition Survey - conducted otter trawls to assess fish health and abundance following implosion of the Old Bay Bridge.

2015-pres **Volunteer SCUBA Diver.** *Reef Check California.* **Central CA.** Conducted benthic surveys of macroalgae and invertebrates.

2014 - 2015 **Biological Research Volunteer**. *University of Hawai`i at Manoa.* **Honolulu, HI.** Assisted studies investigating impacts of urbanization and climate change on coral reef ecology, specifically subterranean groundwater-derived nutrients on algal growth/distribution and coral reef bioerosion/accretion rates.

2014 **Sea Turtle Rehabilitation Volunteer.** *TREE Foundation India.* **Chennai, India.** Assisted rescue and rehabilitation efforts of stranded and injured endangered Olive Ridley sea turtles. Led nighttime sea turtle walks with local groups and schools to teach the community about nesting turtle behavior and conservation concerns.

2013 **Fisheries Research Assistant.** *Virginia Tech Dept. of Fisheries.* **Blacksburg, VA.** Investigated the role of positive interactions among stream fishes related to environmental change, focused on population dynamics, community characteristics, and early life-history.

2011 **NSF - Research Experiences for Undergraduates.** *University of Notre Dame.* **Land O'Lakes, WI.** 1)Independent research: "The Effect of Native and Invasive Range Rusty Crayfish (*Orconectes rusticus*) Behavior on Sunfish (*Lepomis spp.*) Consumption Rates". 2) Other research objectives and responsibilities: Assisted graduate students examine the impact of invasive species on resident food webs

and their evolution.

2010 **Animal Husbandry Intern.** *National Aquarium.*
Washington, D.C. Responsible for animal husbandry of freshwater and saltwater aquarium species and amphibians. Conducted a weekly presentation to the public.

MLML Volunteer Positions

2016 - pres **MLML Open House Co-Chair.** *Moss Landing Marine Laboratories.*
Moss Landing, CA. Overall coordinator for the scientific communication and outreach event.

2016 - pres **MLML Student Blog Contributor.** *Moss Landing Marine Laboratories.*
Moss Landing, CA. "Fisheries Course Navigates Students Through Rocky Seas of Management" link

2015 **MLML Halloween Party.** *Moss Landing Marine Laboratories.*
Moss Landing, CA. Advertising Co-Chair.

Presentations and Talks

2016 **Invited Speaker.** *James Madison High School.*
Vienna, VA. Spoke with three classes of high school seniors (90+ students) about marine sciences and research at MLML.

2011 **Shrestha, J.**, D. Lodge, L. Sargent. The effect of a fish predator on juvenile rusty crayfish (*Orconectes rusticus*) behavior from native and invasive ranges. Poster. Presented at University of Notre Dame undergraduate research symposium. link

Honors and Awards

2013 Phi Sigma Biological Sciences Honor Society.
2012-2013 Virginia Tech Dean's List.
2011 NSF Research Experiences for Undergraduates- $4000.

Professional Organizations

2015 Western Society of Naturalists
2013 American Fisheries Society

Certifications and Skills

Certifications **Diving (100+):** AAUS Scientific Diver, PADI SCUBA Rescue Diver, NAUI Master Diver. DAN CPR/First Aid/O2. **Boating:** CA Boating License, MLML Small boat and trailer certified (Whalers, Zodiacs, Jon boat) **Other:** CA driving license.

Field skills **Species Identification:** Marine (Eastern Pacific) and freshwater fish and invertebrates. **Fish sampling:** Otter trawls, fyke nets, gill nets, dip nets, seine nets,

backpack electrofishing.

Lab skills **Instrumentation:** Microscope for reproductive condition analysis (GSI), ImgPro Camera, Leica, use and calibration of remote water quality sensors. **Dissection**: fish for GSI, crayfish for stomach analysis. **Computer:** Microsoft Office Suite, Basic HTML, Video/Image editing, social media. **Languages:** JMP, MATLAB (basic).

Languages English (native), Nepali (proficient), Spanish (conversational).