



Lian W. Guo

PhD Candidate

Organismic and Evolutionary Biology

University of Massachusetts Amherst



SESYNC - Fishing and Urban Inequality

October 2017 - Current

Interdisciplinary research graduate pursuit, examining inequalities in urban areas in fishing access, scientific integrity of fish toxicology data, and health outcomes in subsistence fisher communities.



Southern California Bight Rockfish Biogeography

May 2011 - July 2015

Genetically identified larval rockfish from plankton tows to assess efficacy of marine protected areas in protecting rockfish populations.



Undergraduate Senior Thesis - Barnacle Thermal Acclimation

July 2013 - December 2013

Assessed the effects of acclimation to constant versus variable thermal regimes on barnacle thermal tolerance.



2018 AFS Annual Meeting Oral Presentation

Fish in the Future Ocean: Lessons from
Physiological Studies Symposium

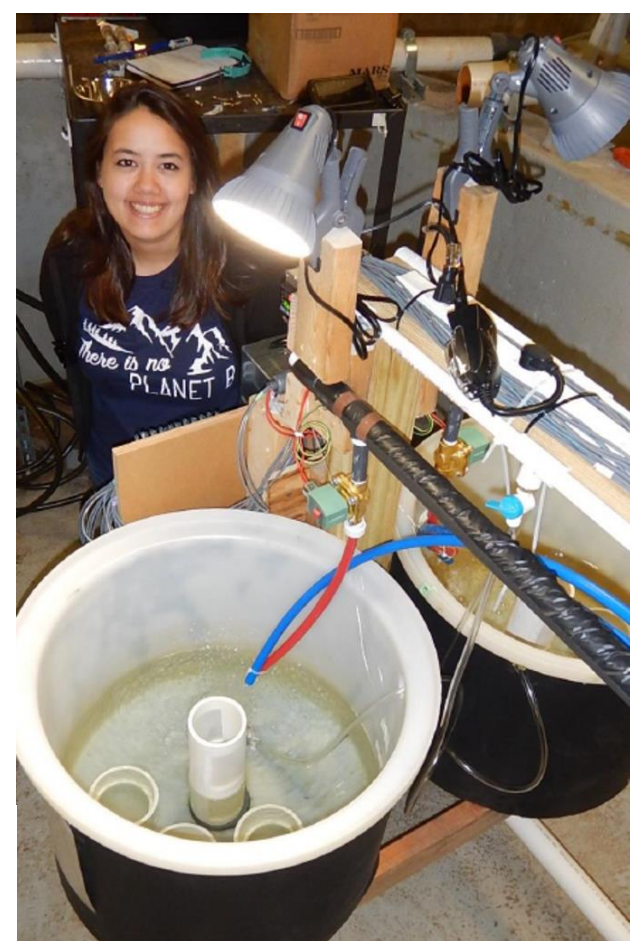
“Warming Lakes: How Temperature Affects
Anadromous Juvenile River Herring Physiology”



Dissertation Research - River Herring Thermal
Ecophysiology

August 2015 - Current

Exploring the effects of temperature and food
availability on juvenile river herring bioenergetics
and fitness-based performances.





Outreach

- That's Life [Science] Outreach Blog
- Organismic and Evolutionary Biology Science Café
- “Day in the Life of a Fisheries Scientist”

Tabling and Workshops

- Age and Growth Workshop with Be WiSE – San Diego
- Recreational Fishing Outreach at Fred Hall and Day at the Docks
- NOAA Day at Aquarium of the Pacific (*see left*)
- River Herring Life Cycle Table at Cambridge Science Festival
- Animal Habitats Badge with Girl Scouts (*see left*)
- Science Communication Workshop at UMass Amherst

