



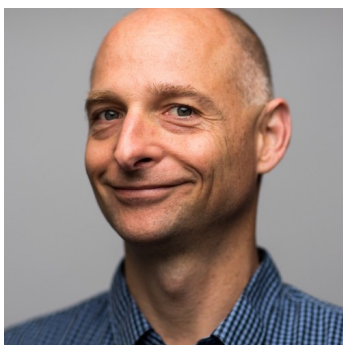
UNIVERSITY of WASHINGTON



## Aquatic and Fishery Sciences News

OCTOBER 2023

### Autumn / Winter Newsletter



#### DIRECTOR'S MESSAGE

Welcome to a new academic year. We have successfully recruited three outstanding new faculty, introduce a new Associate Director, and recognize the efforts of our administrative staff in the transition to a new UW financial system.

[LEARN MORE](#)



## ENHANCING DIVERSITY, CONDUCTING DRONE RESEARCH

Welcome to Corey Garza, new SAFS Professor and Associate Dean for Diversity, Equity and Inclusion at the College of the Environment.

LEARN MORE



## BUILDING COMMUNITY IN MEANINGFUL WAYS

A talk with new Associate Director of SAFS, Chelsea Wood, about her plans to help SAFS scale up its efforts to build community.

LEARN MORE



## Research highlights



Shoreline restoration:  
community science to  
monitor effectiveness in  
Puget Sound



Cataloging the canaries  
of the sea: studying  
vocal behavior in  
belugas



Ecosystem modeling of  
the Gulf of Alaska for  
fisheries management

Jason Toft and the UW Wetland Ecosystem Team are involved in a collaborative effort in Puget Sound. [LEARN MORE](#)

Arial Brewer studies vocal behavior, kinship and microbial transfer in Cook Inlet beluga whales. [LEARN MORE](#)

Alberto Rovellini models climate change in one of the most productive marine ecosystems in the North Pacific. [LEARN MORE](#)

## Mentoring + science over the summer

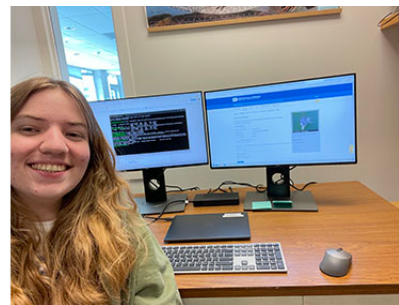


### Marine science mentoring over the summer at FHL

Find out how students collaborated on a research project with their scientist-mentor, Chris Mantegna, to build marine research skills. [CLICK HERE](#)

### Mutation rate and mentorship: undergrad research with dolphins

How did Sophie from the ESRM program spend her summer on a mutation rate project with her mentor, Amy Van Cise? [FIND OUT](#)



## SAFS WEEKLY SEMINARS ARE BACK EVERY THURSDAY!

Join us to hear from experts on issues of interest and concern in the aquatic and fishery sciences, with the latest research findings discussed. [CHECK OUT THE SCHEDULE](#)

## From Puget Sound to French Polynesia...



Someday I'll fly away: monitoring seabirds.

[Read the story.](#)



Predator-prey relationships in Alaska fisheries.

[Read the story.](#)



Near or far: fish abundance and shorelines.

[Read the story.](#)

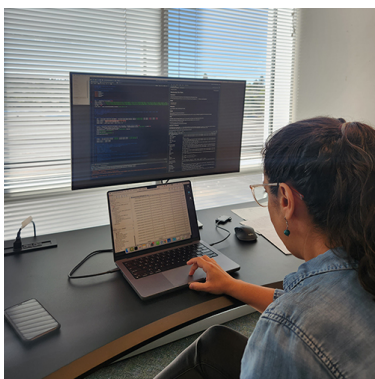


Birds, beaches and boat rides in Tetiaroa.

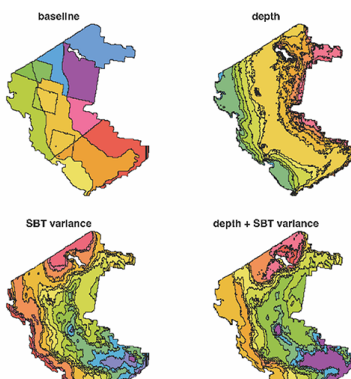
[Read the story.](#)



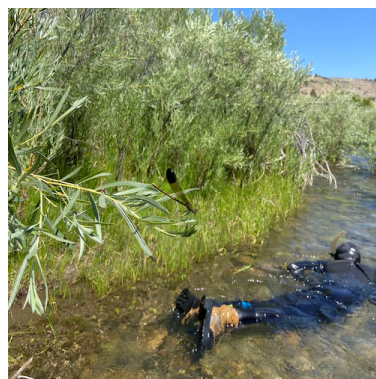
eDNA, snorkel surveys, and more...



Advancing eDNA methods to inform ecological and conservation questions



Adapting monitoring to a changing seascape in the Bering Sea and beyond



Field season with the Freshwater Ecology and Conservation Lab in Oregon

Tania Valdivia, a post-doc, is using eDNA methods to detect and identify the spatial distribution of marine mammals and their prey in the California Current. [Read more](#)

SAFS researcher, Daniel Vilas, is working on a project aimed at increasing the efficiency, flexibility, and continuity of bottom trawl surveys in the Bering Sea and beyond. [Read more](#)

Masters student, Claire Vaage, spent 5 weeks in Central Oregon conducting snorkel surveys for steelhead and collecting freshwater macroinvertebrate samples. [Read more](#)

### IN MEMORIAM: MIKE TILLMAN

SAFS Alumnus, Mike Tillman, passed away recently at the age of 80. Read the obituary about his life, including completing his PhD at SAFS and career at NMFS.



[CLICK HERE](#)



**Alaska Salmon Program 2023** What are the latest research updates from the Alaska Salmon Program? Stay tuned for a video coming soon featuring faculty, researchers, and a new generation of UW student-scientists, from this year's field season. [Coming soon](#)

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