



UCDAVIS

Gary S. May, Chancellor

Welcome to the Center for Watershed Sciences

Dedicated to independent, problem-solving research on California's critical water issues

New Research!

Posted: January 29, 2021 by [Christine Parisek](#)



Bell-Tilcock et al. 2021. Advancing Diet Reconstruction in Fish Eye Lenses

[Read more](#)

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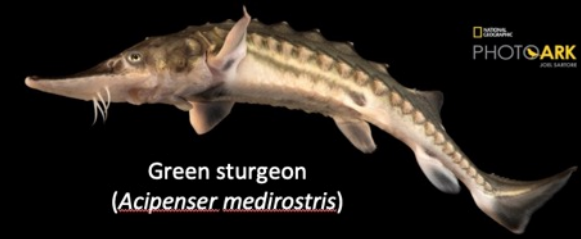
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[California Water Blog](#)[@UCDavisWater](#)[CWS on Facebook](#)[CWS on Youtube](#)

CABA

Center for Aquatic Biology and Aquaculture



Green sturgeon
(*Acipenser medirostris*)

NATIONAL
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Longfin smelt (*Spirinchus thaleichthys*)

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Delta smelt
(*Hypomesus transpacificus*)

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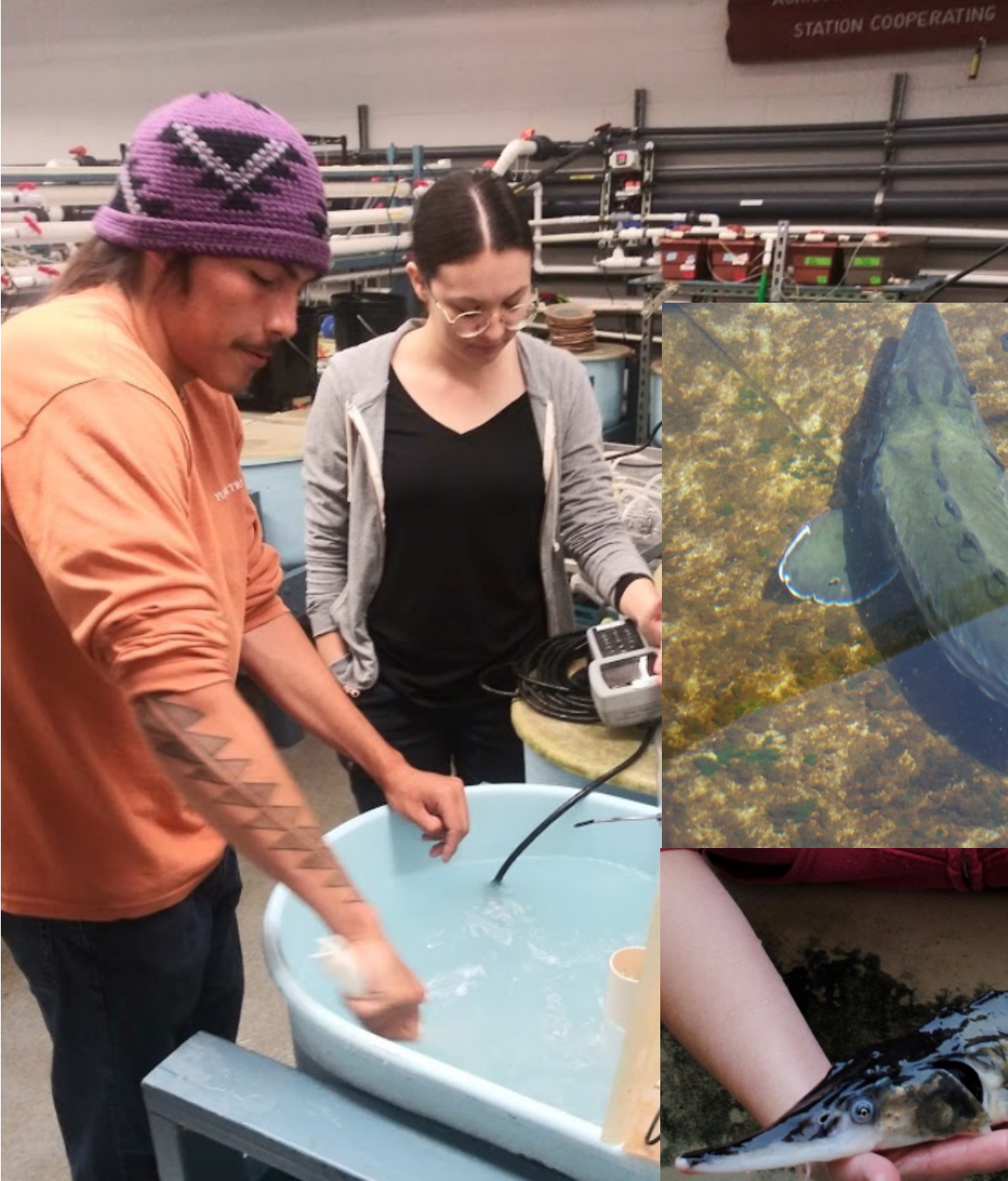
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WILDLIFE, FISH, &
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Fish Conservation and
Culture Laboratory



UC DAVIS
VETERINARY MEDICINE





Toward a
More Diverse
and Inclusive
Future for
Science



Rising Above
Our History



(Jason Hargrove, Creative Commons)



Who belongs in STEM?

The Diversity Imperative





Racial biases in AI?

Pulse Oximeters May Be Less Accurate for Black People. Should You Use One?

Although a new study showed the devices are more error-prone in people with darker skin, doctors say they are still useful for anyone monitoring Covid-19 at home.





It's not more scientists that lead to more innovations;
It's more **diverse** scientists that lead to more innovations.

“Wonderful innovations are about pulling things together, pulling different perspectives together, and getting them at the table together. Diversity is less about how you look and more about how you think.”



Rich Lyons, dean of UC Berkeley's Haas School of Business



#1 Diversity is everybody's job.

Percentage by race/ethnicity & citizenship
(October 2019)

Unknown	Domestic	2.3%	■
	International	1.1%	■
Two or More Races	Domestic	0.7%	■
	International	0.1%	■
White	Domestic	54.1%	■
	International	12.7%	■
Native Hawaiian	Domestic	0.1%	■
Asian	Domestic	9.4%	■
	International	8.5%	■
Hispanic/ Latino(a)	Domestic	5.0%	■
	International	2.2%	■
American Indian	Domestic	0.5%	■
	International	0.1%	■
Black/ African/ African American	Domestic	2.8%	■
	International	0.5%	■

White – 66.8%

Male – 65.1%

UC Faculty (Ladder rank and equivalent)

Ethnic distribution of public school students: 2019–20

(California Department of Education)

Ethnicity	Number of students	Percentage
African American not Hispanic	324,496	5.30%
American Indian or Alaska Native	30,282	0.50%
Asian	575,067	9.30%
Filipino	146,501	2.40%
Hispanic or Latino	3,381,198	54.90%
Pacific Islander	27,195	0.40%
White not Hispanic	1,381,737	22.40%
Two or More Races Not Hispanic	243,372	3.90%

California Students, K-12



Our communities are increasingly diverse.





#2 Diversity initiatives must be tied to business strategies.



Advancing education, research
and service together.

Contact Us

#3 Targeted programs are needed, and they
must have resources and funding.



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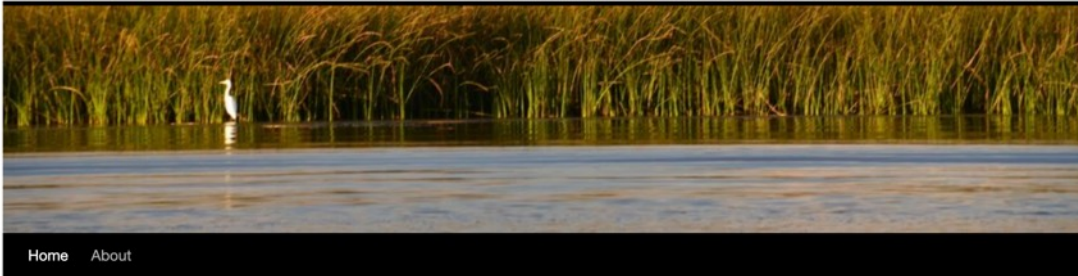
Genentech
A Member of the Roche Group



#4 Expand your partnerships to help build
the talent pipeline.

California WaterBlog

*A biologist, economist, engineer and
geologist walk onto a bar...*



Field courses help young people see the real world

Posted on [March 28, 2021](#) by [andrewrypel](#)

by Andrew L. Rypel

It was perhaps unsurprising I wound up a field ecologist. Raised in Wisconsin, I spent almost all my childhood free time roaming largely unchaperoned in nature, pre-internet. It was there that I developed a deep love for nature, water and fish that would stay with me my whole life. It was a privileged upbringing. And yet somehow it was years later, when I was 22 and taking a university field course, that I finally figured out I wanted to pursue a career in fish and ecology. It's unclear how many biologists trace their paths back to experiences like these, but I suspect there are many. Field courses are so impactful, and we need them now, more than ever before.



Group photo from 2002 "Biology of the Southern Appalachians". Yours truly looking dour and scraggly in the back row. Photo from Meredith Latimer.

Fellowships



California Sea Grant offers fellowship opportunities in research, natural resource management, and marine policy that allow graduate students to explore their interests and broaden their experience.

Our former fellows have advanced to careers in academia, nonprofit organizations, and state and federal government agencies.

Reliav

[Current Opportunities](#)[Types](#)[Managing Your Fellowship](#)[Blog](#)[Host Office Resources](#)[State Fellow Alumni](#)[Stay Connected](#)

Fellowship News



[2016 Knauss Fellow Paloma Aguirre: Conservationist, City Council Member and Pro Bodyboarder](#)



[2021 California Sea Grant State Fellows Announced](#)



#5 We need to build community.



“You can’t be
what you can’t see.”

—Dr. Jocelyn Elders,
Former U.S. Surgeon General

Questions?

