

Developing Oyster Seed and Broodstock for Alaska Shellfish Aquaculture



PI: Francis Pan, Ph.D.
Co-PI: Jordan Hollarsmith, Ph.D.
Co-PI: Heather Fulton-Bennett, Ph.D.



Broodstock Repository, WA

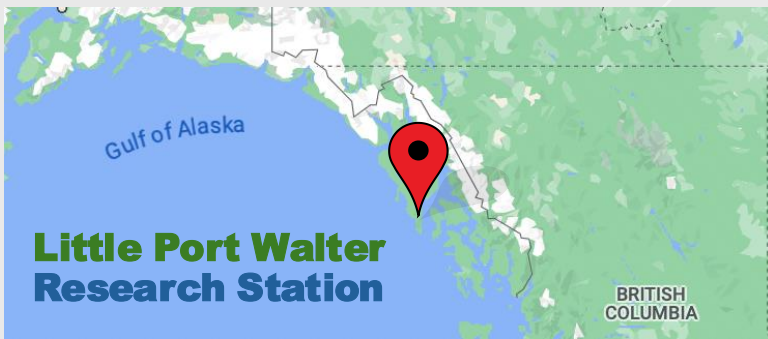


PH Hatchery, HI

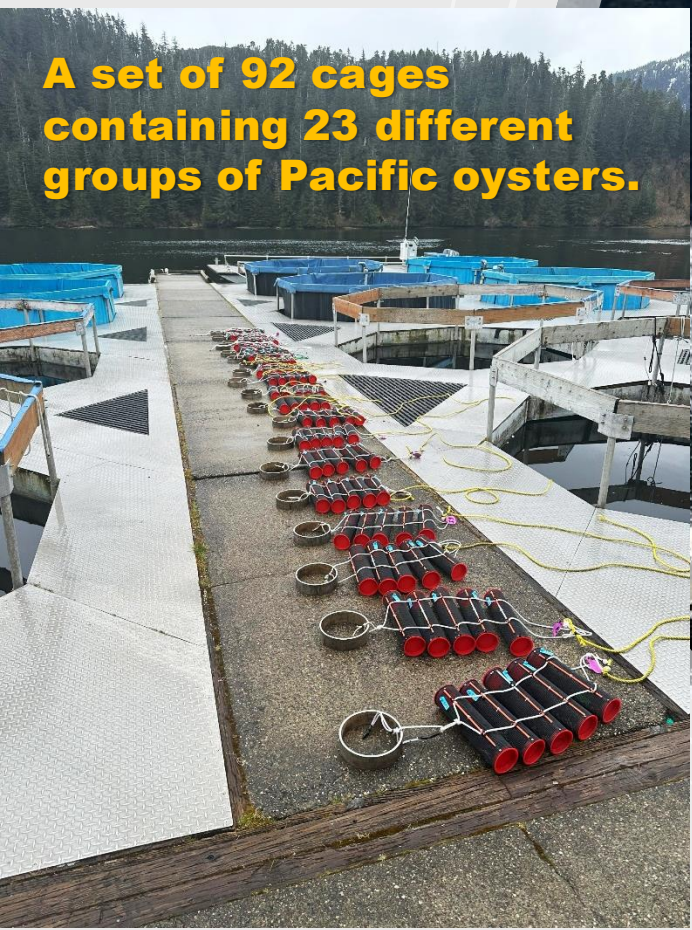


Field testing site, AK

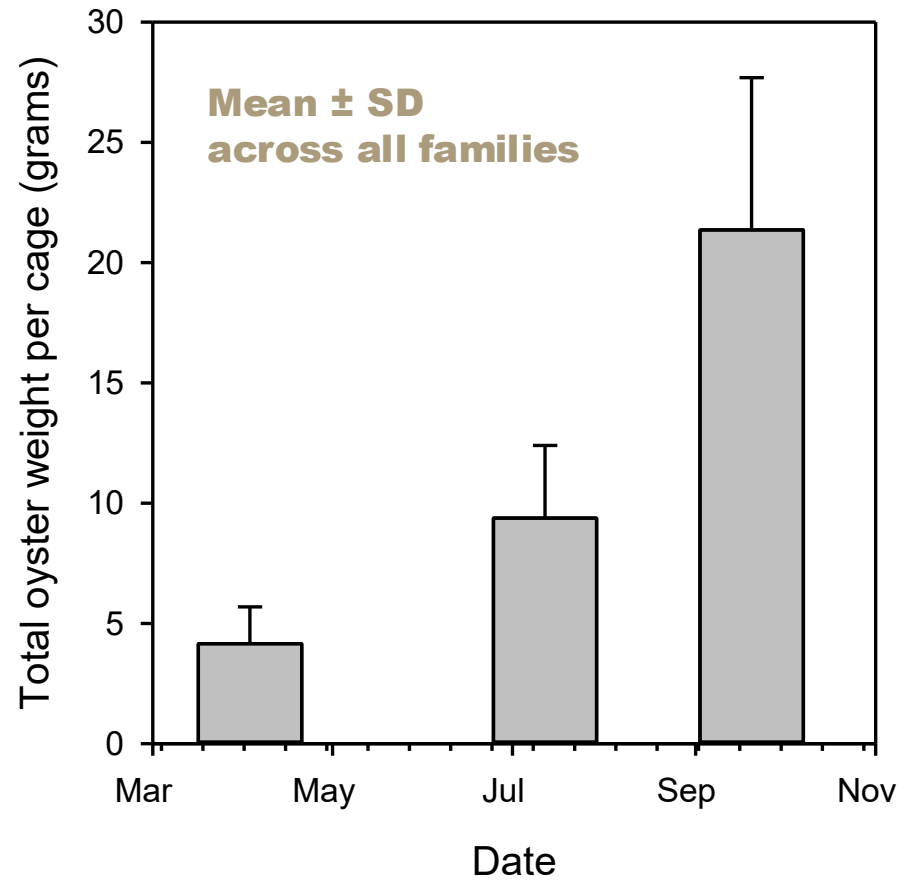




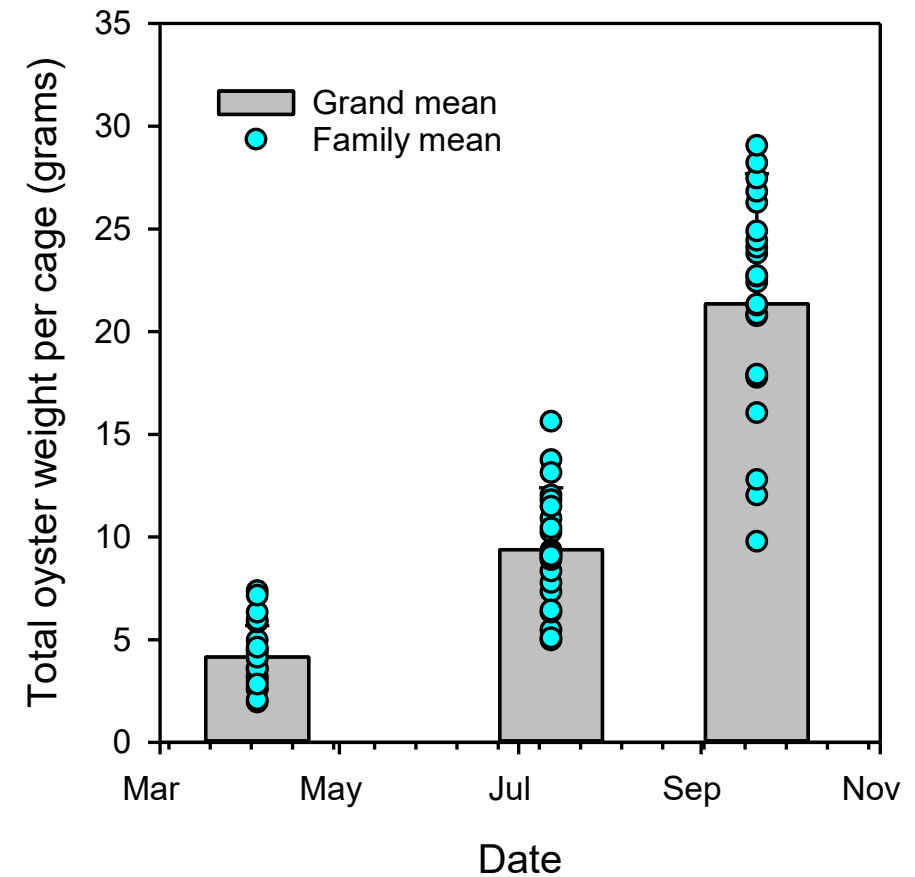
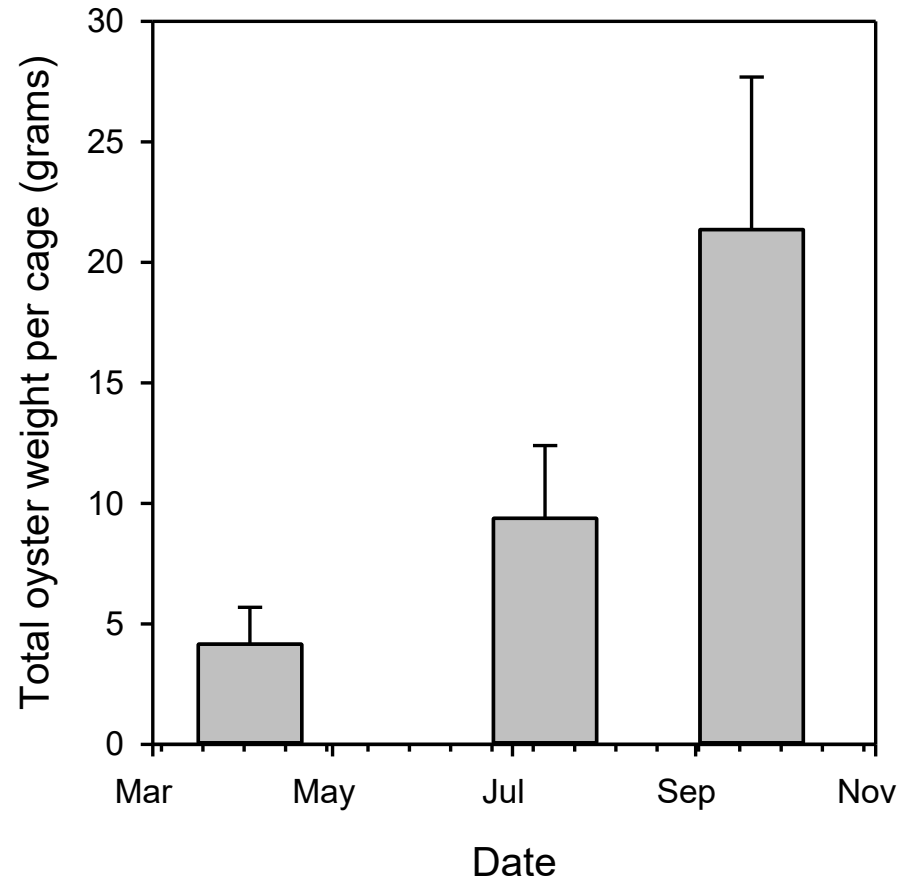
**Sampling:
April – July – September 2024**



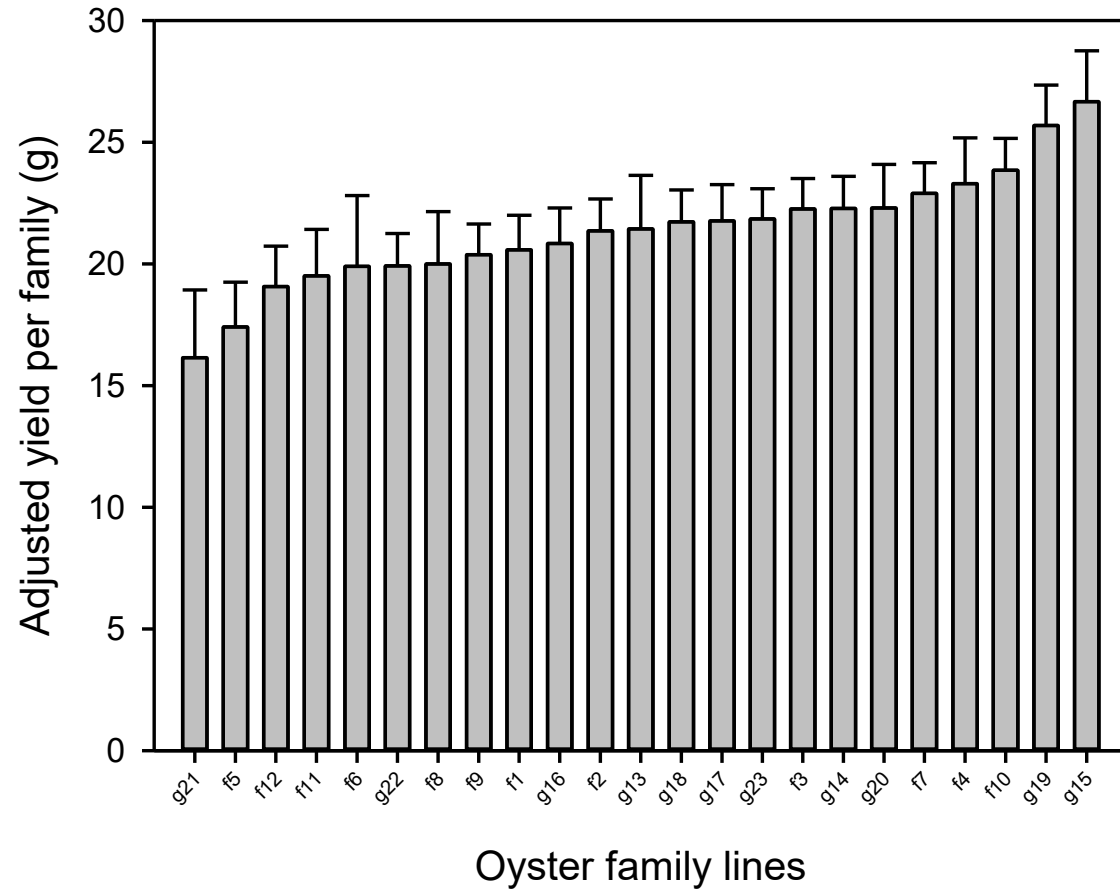
Grand mean doubled between time points



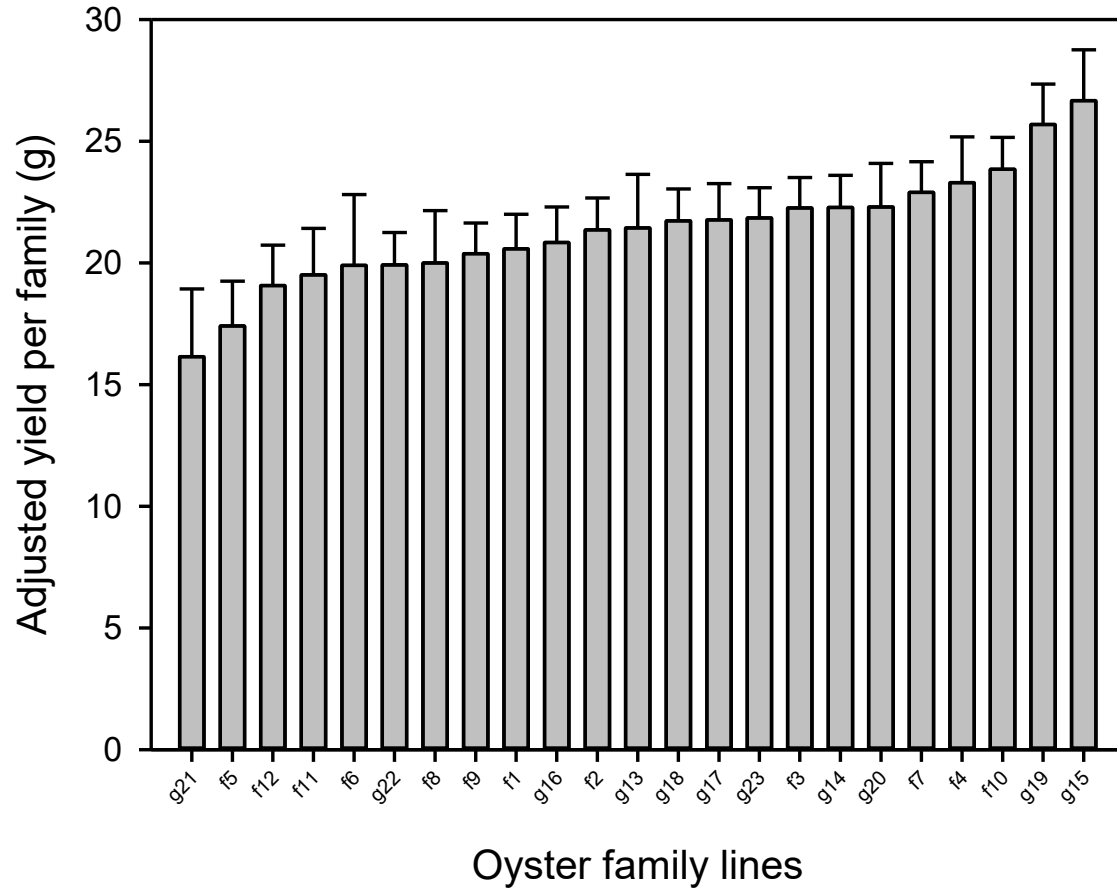
Partition natural variation by family-based breeding



Best families had 60% increase in yield



Best families had 60% increase in yield



Yield in WA did not correlate with AK

