

# Mariculture Lab, UAF-Juneau

**Schery Umanzor**  
Assistant Professor  
University of Alaska Fairbanks, Juneau  
[sumanzor@alaska.edu](mailto:sumanzor@alaska.edu)

A guest in the ancestral lands of the Tlingit people



MARICULTURE LAB





## Ongoing projects

1. Site selection for kelp farming\*
2. Environmental services: carbon and nitrogen removal by farmed kelp\*
3. Cultivation protocols for the *bacon seaweed*\*
4. Effect of farm layout on kelp performance
5. Cultivation protocols for pinto abalone
6. Determination of polysaccharide composition of kelp

\*ending in 2023



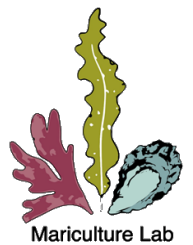




## Site selection for kelp farming



NATIVE CONSERVANCY



# Carbon and nitrogen removal by farmed kelp







Cultivation protocols for the *bacon seaweed*





4-year program for the cultivation of pinto abalone.

Either for direct commercial purposes or eventual stock enhancement.



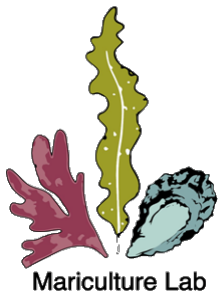
Cultivation protocols for Pinto abalone

# Schery Umanzor

Assistant Professor, UAF, Juneau

[sumanzor@alaska.edu](mailto:sumanzor@alaska.edu)

(907)796 5432



# Students



Lexa  
Meyer



Cameron  
Jardell



James  
Crimp



Muriel  
Dittrich