

Ocean Science, VISIONS, and OOI

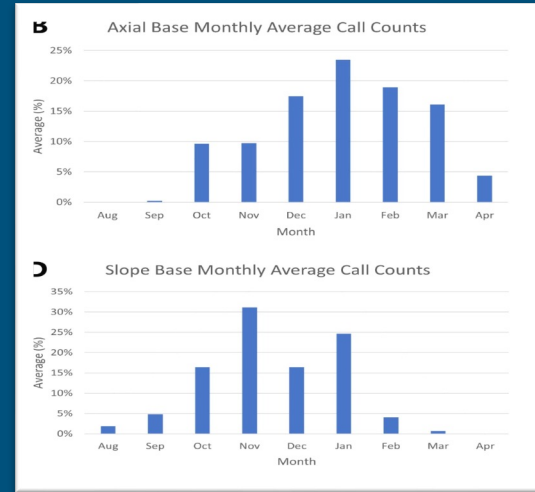
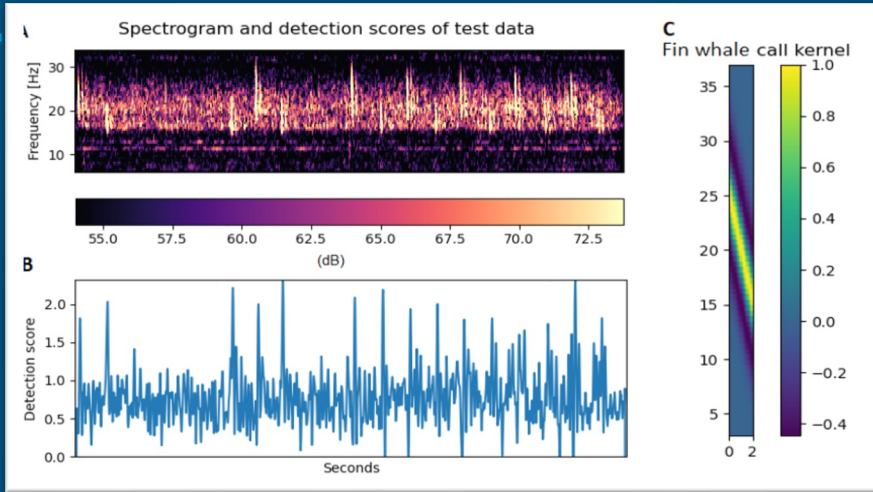
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As a UW undergraduate, I have sailed on 5 Regional Cabled Array VISIONS cruises, starting with VISIONS'17, and have amassed nearly 200 days at sea. I've worked alongside engineers, scientists and cohorts of students off all backgrounds. I've spent hours in the ROV control van, directed a dive, and seen places rarely viewed by humans. This experience has changed my life by becoming a major inspiration in showing me how to grow academically and personally to enact positive change in marine environments.

Senior Thesis “Using RCA Low-Frequency Hydrophone Data to Determine Seasonal Patterns of Fin Whale Calls”



I carried this foundation to develop my senior thesis utilizing RCA hydrophone data to conduct the first study to document Fin whale migrations offshore Oregon. Working onshore with the RCA team was the biggest component in my education that inspired my thesis topic. With guidance from Dr. William Wilcock, I was able to elevate my research and was introduced to one of his students whose work with an automatic detection algorithm played a major role in interpreting the RCA data.



My experiences at sea and in research have offered me a great view into many different approaches to working in science and has given me a unique lens to view my path both in education and through life.

I have encouraged many of my undergraduate cohorts to apply for the VISIONS program to discover something new or learn more about what interests them.

My advice to students:

Always jump at any opportunity and don't be afraid to ask questions.

Find what you love and follow it.