

# Coastal Marine Institute Annual Research Review

Wednesday, January 18, 2023

9 am – 3 pm (via Zoom)



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9:00	Jennifer Reynolds <i>CMI Director</i>	Welcome
9:05	Hisatoma Waga	Satellite ocean color remote sensing of water mass dynamics in Cook Inlet
9:15	Amy Lovecraft	From Beaufort to Bering Seas: Analyzing relationships of communication and risk-sharing in anticipation of increased hydrocarbon traffic off Alaska's northern coasts
9:35	Patrick Tomco	Hydrocarbon oxidation products in Cook Inlet: formation and bioaccumulation in mussels
	Patrick Tomco	Biological effects of Cook Inlet crude oil degradation products and suspect screening of oxidized PAHs
10:05	Kyle Dilliaine	Investigating the impacts of oil exposure and changing snow cover on sea ice microbial communities
10:25	Jessica Glass	Harnessing the power of eDNA as a real-time assessment tool of nearshore Arctic marine communities
10:45	BREAK	
11:00	Katrin Iken	Kelp restoration in the Boulder Patch
11:20	Donna Hauser	Evaluating novel assessment approaches for coastal ice seal haulout areas and behavior in the Alaskan Beaufort Sea
11:40	Hannah Myers*	Passive acoustic monitoring of killer whales ( <i>Orcinus orca</i> ) in the northern Gulf of Alaska
12:00	Sonia Kumar*	Comparison of Cook Inlet beluga acoustic presence in critical foraging habitat between years of reduced commercial salmon fishing zones
12:20	LUNCH BREAK	
12:50	Seth Danielson	Arctic marine biodiversity and ecosystem structure data analysis and writing retreat
1:10	Sydney Wilkinson*	Resource use by Arctic fishes along Beaufort Sea coastal lagoons
1:30	Andres Lopez	Delineating species and stock boundaries in the Arctic-Bering cisco species pair
1:50	Austin Flanigan	Understanding Pacific Halibut spatial dynamics in the northern Bering Sea
2:10	Kristen Gorman	Are expanding pink salmon populations in the Arctic produced from regional watersheds?
2:30	Franz Mueter	Utilization of the under-ice habitat by Arctic Cod in the western Arctic Ocean

\* Student Project

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