



University of Alaska Coastal Marine Institute

2021 Annual Research Review

Thursday, January 21, 2021

9 am – 2 pm (virtual via Zoom)

9:00	Brenda Konar CMI Director	Welcome
9:10	Andrew Seitz	<i>Ocean migration and behavior of steelhead kelts in Alaskan OCS oil and gas lease areas, examined with satellite telemetry</i>
9:30	Franz Mueter	<i>Utilization of the under-ice habitat by Arctic Cod in the western Arctic Ocean</i>
9:50	Katrin Iken	<i>Kelp restoration in the Boulder Patch</i>
10:10	Donna Hauser	<i>Evaluating novel assessment approaches for coastal ice seal haulout areas and behavior in the Alaskan Beaufort Sea</i>
10:30	BREAK	
10:40	Kristen Gorman	<i>Are expanding Pink Salmon populations in the Arctic produced from regional watersheds?</i>
11:10	Gwenn Hennon	<i>Investigating the impacts of oil exposure and changing snow cover on sea ice microbial communities</i>
11:20	Elizabeth Hasan (M.S. Marine Biology)	<i>Subtidal habitat mapping in the Cook Inlet Lease Area for current and predictive sea otter habitat associations</i>
11:35	Brian Ulaski (M.S. Marine Biology)	<i>Potential impacts on the ecological role of seaweed wrack in the event of an oil spill</i>
11:50	BREAK	
12:00	Patrick Tomco	<i>Hydrocarbon Oxidation Products in Cook Inlet: Formation and Bioaccumulation in Mussels</i>
12:20	Will Burt	<i>Exploring radium isotopes as tracers of groundwater inputs, flushing rates, and produced water in Cook Inlet</i>
12:40	Mark Johnson	<i>Measuring wave forces along Alaska's coastal sea ice</i>
1:00	Seth Danielson	<i>Surface current analysis of the western Beaufort and Chukchi Seas</i>
1:20	Seth Danielson	<i>Arctic Marine Biodiversity and Ecosystem Structure Data Analysis and Writing Retreat</i>

***** Meeting Contact: Ruth Post rmpost@alaska.edu