



MEDIA RELEASE

April 11th, 2022

Sitka Sound Science Center Welcomes Julie Schram, Assistant Professor, University of Alaska Southeast Scientist in Residency Fellow

The Sitka Sound Science Center welcomes Julie Schram as this month's Scientist in Residency Fellow (SIRF). Dr. Schram's work focuses on ocean acidification and its impacts on seaweed and the communities that depend on it. Ocean acidification is the change of ocean chemistry over time that stems from the uptake of carbon in the atmosphere. The Sitka Sound Science Center's SIRF Fellowship provides four weeks for scientists to have time to work on their research and engage with a breadth of the community in a variety of ways.

Julie Schram recently joined the University of Alaska Southeast (UAS) Natural Science department as an Assistant Professor of Animal Physiology after finishing a Postdoctoral Fellowship with the Coastal Trophic Ecology Lab at the University of Oregon. Julie has a Master of Science and PhD from the University of Alabama at Birmingham, where her studies focused on organismal responses to ocean acidification.

Julie is a marine ecologist, interested in how environmental factors influence organisms and food web ecology



and how human induced changes to coastal environments impacts the marine communities on which we depend. She is working on projects that utilize fatty acids (the building blocks of lipids) to better understand invertebrate feeding ecology by studying interactions between seaweeds and their consumers. Besides the community events listed below, Julie will connect with community members interested in mariculture and seaweed diversity to gain valuable insights. Julie will also be attending the Sitka Sound Science Center's Earth Day Celebration, as well as leading fun-filled beach excursions with 1st graders from Baranoff Elementary School.

Dr. Schram's fellowship is funded by the University of Alaska Fairbanks' NSF EPSCoR (National Science Foundation Established Program to Stimulate Competitive Research) program.

Mark Your Calendars!

- *The Morning Interview*- Tune into KCAW 104.7 FM on Wednesday April 13th @ 8:15 AM
- *Learn to Knit Sea Critters Workshop*- Hosted by SSSC on Friday April 15th @ 5:30 PM
- *Natural History Seminar w/ Kitty LaBounty* – In partnership with the University of Alaska Southeast, a virtual seminar about Julie's research in Antarctica on Thursday April 21st @ 7:00 PM (Register: <https://alaska.zoom.us/meeting/register/tZl1f-yppjwpG9yoO4ORIOqRGQnbvczIAUwT>)
- *Artistry of Algae Workshop*- Hosted by SSSC on April 28th at 5:30 PM (Register at sitkascience.org)

Follow @sitkascience or email Alex McCarrel at amccarrel@sitkascience.org for more information
Julie can be reached directly at (907) 796-6599 or email her at jbschram@alaska.edu