

1145-VV-1082      **Emily Cilli-Turner\***, University of La Verne, 1950 Third Street, La Verne, CA 91750.  
*Mathematics Teacher as Learner: What I Learned from Participating in the NOAA Teacher at Sea Program.*

The National Oceanic and Atmospheric Administration (NOAA) runs numerous research vessels each year in the fields of fisheries, oceanography and atmospheric research. NOAA also runs a program called Teacher at Sea, where any teacher can apply to go out on one of these research cruises and be incorporated into the team of scientists. In this talk, I will discuss my experience participating in this program stationed on NOAA Ship Oscar Dyson in the Eastern Bering Sea and assisting in conducting a pollock survey to assess quantity and biomass of pollock for future fishing quotas. I will cover the application process, the experience on the ship and the mathematics that I learned. Additionally, I will give an overview of how I will incorporate what I learned on the ship into my mathematics courses. (Received September 18, 2018)