

LT Cara Geiger

Storm Surge Unit Operations Manager National Hurricane Center

LT Geiger received her Bachelor of Science Degrees in Meteorology and Ocean Sciences & Coastal Studies from Millersville University of Pennsylvania in 2016. She received her Professional Science Master's Degree in Climate Change & Society from North Carolina State University in 2017. LT Geiger worked on multiple research projects while in school, including using satellite and buoy data to validate how sea surface temperature changes during monsoon season in the Bay of Bengal and how this impacts Indian summer monsoon rainfall. She also interned at the State Climate Office of North Carolina and presented research at the 2016 American Geophysical Union Ocean Sciences Meeting in New Orleans, LA.

In 2019, LT Geiger enlisted in the United States Coast Guard and completed Basic Training in Cape May, NJ before reporting to Station Hatteras Inlet in Hatteras, NC. She served as a watchstander, small boat crew member on three boat platforms (47 ft Motor Life Boat, 29 ft Response Boat Small, 24 ft Special Purpose Craft), Color Guard Team Member, and Social Media Petty Officer. In September 2019, she was part of a relief team that responded to Hatteras and Ocracoke Islands in the wake of Hurricane Dorian. Her most notorious search and rescue case was responding to a 43 ft shrimping vessel that capsized in January 2020 in the frigid waters of the Pamlico Sound with 4 people on board.



In 2021, LT Geiger service transferred and commissioned as an officer into the NOAA Corps. She completed 17 weeks of Basic Officer Training in New London, CT before reporting to the NOAA Ship Thomas Jefferson (S-222) out of Norfolk, VA. In her two year sea duty, she worked in the Chesapeake Bay offshore Annapolis MD, Lake Erie offshore Cleveland OH, Lake Ontario offshore Oswego, NY, and in the Gulf of Mexico offshore Galveston TX. She served as the ship's Operations Officer in Training, Bull Ensign, Officer of the Deck, Small Boat Coxswain on three boat platforms (28 ft Hydrographic Survey Launch, 22 ft Fast Rescue Boat, 17 ft Utility Boat), Hydrographer in Charge, Navigation Officer, and Public Affairs Officer among many other duties. She has augmented on the ship since departing and worked offshore Savannah, Georgia to aid in meeting operational sailing requirements.

LT Geiger was assigned to NHC in June of 2023. She assists many different departments within NHC and has a variety of tasks, including managing contractors, conducting briefings for the USCG, assisting in media operations, assisting with facility management, and supporting hurricane season operations. She is proud to be a part of the NHC team.



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