

Larry Kelly

Hurricane Specialist National Hurricane Center

Larry Kelly is a hurricane specialist at NOAA's National Hurricane Center in Miami, Florida.

Larry earned a Bachelor of Science degree in Meteorology with a minor in Mathematics from the University of Miami in 2015.

Larry joined NOAA and the National Weather Service (NWS) in 2016 as meteorologist intern with the NWS Weather Forecast Office South Florida located in Miami, FL. In 2018, Larry was promoted to General Forecaster, then again to Lead Forecaster in 2021 at WFO Miami. Larry has received several high-profile awards, including the National Isaac Cline Award (2018) for support during Hurricane Maria, and the National Isaac Cline Award (2022) and DOC Gold Medal Award (2023) for IDSS support after the Champlain Towers collapse in Surfside, Florida. Larry has been deployed to multiple emergency operation centers for high impact events including hurricanes, music festivals and sporting events.

Larry has served as marine and tropical team lead as well. He served as Focal Point for core marine partners including the U.S. Coast Guard (USCG). He engaged with the USCG to provide decision support services, and he prepared and delivered briefings to USCG Sector Miami leadership during high-impact tropical cyclone events. He creates tabletop exercise content to help emergency managers, USCG partners, and other officials review their operations using simulated hurricane scenarios. He also participates in other NHC outreach efforts including the annual Marine Workshop.



Larry joined the Hurricane Specialist Unit (HSU) in 2023. The position involves the issuance of track, intensity, and wind radii forecasts as well as associated watches and warnings for tropical cyclones in the Atlantic and eastern North Pacific Ocean basins.

He has mentored new forecasters and university students, and he has conducted applied research to operations. Larry has authored multiple peer-reviewed publications and presented original research at numerous conferences and workshops.



January 2025