

Kelly Lombardo, Ph.D., University of Connecticut

Kelly Lombardo is currently an Assistant Professor in the Department of Marine Sciences at the University of Connecticut. She began her academic career at the University of Albany in the Department of Atmospheric Sciences where she got her first taste of research with an undergraduate honor's thesis looking at precursor conditions to tornadic thunderstorms impacting the Northeastern United States. From there, Kelly went on to receive an M.S. from the University at Albany in the field of Tropical Meteorology while looking at the influence of equatorial Rossby waves on tropical cyclogenesis. Dr. Lombardo returned to her interest in convection for her Ph.D. at Stony Brook University where she was awarded a Doctorate for her research pertaining to the interaction of severe storms with the Atlantic marine boundary layer.

Her professional career started as a postdoctoral fellow at Stony Brook evaluating the impact of the changing climate on cool season precipitation along the eastern U.S. coastline. However, she remained involved in the arena of convection and boundary layer meteorology as an invited field course instructor in storm chasing at McGill University and as an investigator in a mobile Doppler radar based field project for both research and educational applications. Currently, Dr. Lombardo is actively engaged in cross-disciplinary (atmosphere-ocean) research as well as academic course development in marine meteorology and coastal processes at the University of Connecticut. When she is not teaching, Kelly can be found chasing severe storms throughout the central Plains during the late spring or experiencing the upper atmosphere and boundary layer first hand as a sky diver.