

Education:

BA, University of Colorado (Physics), 1974

PhD, Scripps Institution of Oceanography (Oceanography), 1980

Research Interests:

Mesoscale oceanic eddies; large-scale, low-frequency variability of ocean circulation; coupled ocean-atmosphere variability; satellite microwave radar remote sensing; development of techniques for improving and quantifying signal-to-noise ratio in oceanographic measurements.

Current Research:

Investigation of large-scale geophysical wave dynamics, air-sea interaction, wind-forced ocean circulation and mesoscale variability from satellite radar scatterometer measurements of wind stress, altimeter measurements of sea surface height and passive microwave radiometer measurements of sea surface temperature.

- [Mesoscale Eddies in Altimeter Observations of SSH](#)
- [Global Atlas of the Rossby Radius of Deformation](#)
- [Global Observations of Oceanic Rossby Waves](#)
- [Westward Propagation of Planetary Waves Observed from Topex/Poseidon: Theory and Implications](#)
- [Scatterometer Observations of Persistent Small-Scale Features in Ocean Winds](#)
- [Report of the High-Resolution Ocean Topography Science Working Group](#)