

## Research Meteorologist Responsibilities

- Lead projects and conduct basic and applied research to advance the understanding and predictability of mesoscale and storm-scale physical processes, especially those associated with tornadoes, large hail, damaging winds, and extreme rains.
- Lead projects and conduct research related to strategies and techniques for storm-scale assimilation of radar, satellite, and other remotely sensed data.
- Provide technical and research leadership and mentorship to junior colleagues to improve physical and numerical; models of mesoscale and storm-scale phenomena.
- Work with the operational forecasting community in testbeds, forecast offices, and/or centers for operational implementation to ensure research efforts are informed by the needs and constraints of operational forecasters and developers.
- Publish scientific results in peer-reviewed scientific journals and present those results at seminars and conferences.