



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration

OFFICE OF OCEANIC AND ATMOSPHERIC RESEARCH

National Severe Storms Laboratory
120 David L. Boren Blvd.
Norman, OK 73072

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Hello Broadcast Meteorologists!

We are seeking broadcast meteorologists to provide input for the development of a new severe weather warning paradigm. If you are interested, please consider applying to participate in the 2021 Threats-in-Motion Tabletop Exercise as part of NOAA's Hazardous Weather Testbed (HWT). The HWT is a joint project of the NOAA National Weather Service and the NOAA National Severe Storms Laboratory to help foster collaboration between research and operations to test and evaluate emerging technologies and science. This year we are funded to test a new warning paradigm, known as Threats-in-Motion. A summary of our project is on the second page of this letter.

Our project will take place virtually during the week of September 20-24. We will be selecting 25 broadcasters to participate in a one-day tabletop exercise. As a condition of participating, those who are selected will be asked to agree to allow the researchers to use data collected in the experiment for research and development purposes. More details about the research participation will be provided to those who are selected.

If you would like to apply, please apply online at: https://docs.google.com/forms/d/e/1FAIpQLScN1NVcJn4p0CFHKhVOg6kFbLK-KkmUWLatLgJnqJNlclQ9VQ/viewform?usp=sf_link

Please complete the application by **July 23, 2021**, as candidates will be selected shortly thereafter. We are seeking enthusiastic people willing to work through simulated severe weather cases. If selected, you will contribute in discussions/surveys concerning how you interpret new products and how you would use this more rapidly-updating warning to do your job, thus helping us develop a new severe weather warning paradigm. Broadcast meteorologists play a critical role in the warning process, and your input is valuable.

Sincerely,

Kodi L. Berry, Ph.D.
FACETs Program Lead, National Severe Storms Laboratory

The Threats-in-Motion Tabletop Exercise in NOAA's Hazardous Weather Testbed



WHO - Broadcast meteorologists serve a critical and complex role in the communication of weather warnings. We are looking for a diverse set of broadcast meteorologists (25 in total). We hope that everyone who feels interested will apply.

WHEN – September 20, 21, 22, 23, 24

WHAT - The main objective of this Threats-in-Motion tabletop exercise is to learn how more rapidly-updating warnings impact broadcast meteorologists and their decision making. Broadcast participants will view animations of and discuss their thoughts and reactions to more rapidly-updating warnings. Researchers will study how the broadcast meteorologists interpret and use the warning information. This HWT project will help us as researchers learn participants' needs during the warning process under this potential new paradigm.

WHY - The introduction of more rapidly-updating warnings could create a number of complex issues for broadcast meteorologists. The project investigators hope to gain insights into the following:

- Update frequency of warnings
- Interpretation and communication of warnings
- Technological challenges

For more information, see our website and recent conference presentations:

[KPHI TV](#)

[2020 American Meteorological Society Annual Meeting Presentation](#)

[2019 American Meteorological Society Annual Meeting Presentation](#)