

Seminar Schedule

- 7:00-8:30** Registration & Continental Breakfast
- 8:30-8:35** Welcome & Introductory Remarks
Norman A. Sturm, Jr.
- 8:35-8:55** Severe Weather; What You Don't See On TV
Tammie Souza
- 8:55-9:30** Evolution of Tornadic Supercells Along Warm Fronts in IL
Victor Gensini
- 9:30-10:15** Recognizing Storm Structure
Scott Blair
- 10:15-10:40** Break
- 10:40-11:20** What's New at NWS? Wireless Emergency Alerts and Impact Based Warnings
Jim Allsopp
- 11:20-11:40** Fundamentals of Storm Spotting Part 1
Paul Sirvatka
- 11:40-12:45** Lunch
- 12:45-1:30** Hail and Other Severe Threats
Jennifer Laflin
- 1:30-1:45** Fundamentals of Storm Spotting Part 2
Paul Sirvatka
- 1:45-2:20** Panel Q & A
- 2:20-3:00** Door Prizes & Closing Comments



DuPage County
Office of Homeland Security
and Emergency Management
418 N. County Farm Rd.
Wheaton, IL 60187

Vision

DuPage County government, private and public sector organizations, and individual residents will have the capacity to effectively cope with natural and human-caused disasters; resulting in a safer, less vulnerable and more disaster resilient place to live, work, and raise a family.

Mission

DuPage County Office of Homeland Security and Emergency Management will help protect communities and citizens within our county by coordinating and integrating all activities necessary to build, sustain, and improve the capability to mitigate against, prepare for, respond to, and recover from threatened or actual natural disasters, acts of terrorism, or other man-made disasters.

Connect with DuPage OHSEM online:

www.ProtectDuPage.org



22nd Annual Advanced Severe Weather Seminar

March 16, 2013

Tellabs

1415 West Diehl Road
Naperville, IL 60563



Sponsored by:
DuPage County
Office of Homeland Security
and Emergency Management

*In cooperation with the College Of DuPage
Nexlab, and the National Weather Service – Chicago*

Message from the Director:



Welcome to the 22nd Annual Advanced Severe Weather Seminar. My staff and I are delighted that you chose to take time out of your busy schedule to attend this year's event. The event planning committee has invested much effort into today's program to ensure your time here is well-spent; I want to thank them for their efforts. I also want to thank Tellabs for opening their facility to us again this year. It is a beautiful venue and we are very grateful for their hospitality. I also want to thank today's speakers who have taken time out of their busy schedules to present today. Their contribution to this event and the weather community as a whole is very much appreciated.

The DuPage County Office of Homeland Security and Emergency Management (OHSEM) staff is here to make this event a great experience for everyone. If you have a need, look for someone wearing an OHSEM shirt and they will be happy to assist you.

Thank you for coming and have a great day!

Norman A. Sturm, Jr. M.S., CEM
Director
DuPage County Office of Homeland Security & Emergency Management

Guest Emcee



Tammie Souza is the weekend Meteorologist for Fox Chicago. As a certified broadcast meteorologist, she is one of only a handful of women in the nation that holds both prestigious AMS/CBM Certified Broadcast Meteorology Seal of Approval from the American Meteorological Society and the NWA Seal of Approval from the National Weather

Association. She is also the first female chosen as the National Chairman American Meteorological Society Board of Meteorology where she oversees the membership and evaluations for all new SEAL applicants and current SEAL holders in the United States, Canada and the Caribbean. She has also served on the National Board for the NWA.

Presenters



Jim Allsopp is the Warning Coordination Meteorologist (WCM) with the National Weather Service (NWS) Chicago office, located in Romeoville. As WCM, Jim is the liaison between NWS and other federal, state and local government agencies and organizations dealing with hazardous weather preparedness. He also works

closely with the local media to help provide a unified and efficient delivery of hazardous weather information to the community. He works to make communities, schools, and businesses better informed and better prepared for hazardous weather. This is in support of the primary mission of the National Weather Service - to save lives and protect property and to promote the nation's economy through weather warnings and forecasts. Jim has been with the NWS for 34 years. He began his career in St. Louis and Los Angeles and spent 10 years as a forecaster at Indianapolis. He has been the WCM at the Chicago office since 1991.



Paul Sirvatka is a professor at the College of DuPage and has received the College Of DuPage Outstanding Faculty Award and Division of Natural Sciences Outstanding Faculty Award. Sirvatka has served as a representative of the college through scores of newspaper interviews and television/radio appearances, including the

Weather Channel, MSNBC, Fox News, Chicago Tonight and NBC Nightly News. Additionally, he provides regular radio weathercasts on WDCB, the local public radio station in Glen Ellyn. He also co-sponsors severe weather symposia and spotter training across Chicago and as a speaker across the United States.

Presenters



Victor Gensini is an assistant professor of meteorology at the College of DuPage. He is also a Ph.D. candidate at the University of Georgia, studying the impacts of numerous climate change scenarios on severe weather across the United States. Victor has a deep passion for hazardous weather and the societal response to such events. Along with Professor Sirvatka, he helps maintain the COD "NEXLAB" website. It continues to be a wealth of weather information for thousands of users in education, government, military, and corporations.



Jenni Laflin is a forecaster at the National Weather Service in Kansas City/Pleasant Hill, MO. She received both her Bachelor's and Master's degrees in Meteorology/Climatology from the University of Nebraska-Lincoln in 2007 and 2010, respectively, and is originally from Sioux Falls, South Dakota. Her science and research interests include numerical modeling of deep convective initiation and storm/boundary interactions, radar analysis and interogation, severe weather forecasting and storm chasing and observation, and she is continually seeking to connect scientific research, operational forecasting, and the interests and needs of the public we serve.



Scott Blair is a Senior Forecaster with the NOAA National Weather Service in the Kansas City/Pleasant Hill, Missouri forecast office. Prior to arriving in Missouri, Scott served as a Meteorologist at NWS offices in Topeka and Goodland, Kansas. He graduated from the University of Louisiana at Monroe with a Bachelor of Science degree in Atmospheric Sciences in 2005. Scott has published several papers on a wide variety of operational and societally relevant topics, including storm-scale observational meteorology studies, emerging field technologies, severe weather vulnerability of motorists, utilizing social media severe weather reports, and radar-based signatures of giant hail. He is currently a co-principal investigator in "HailSTONE," a field project in its third year that is collecting high-resolution hail reports through direct measurements in convective storms.