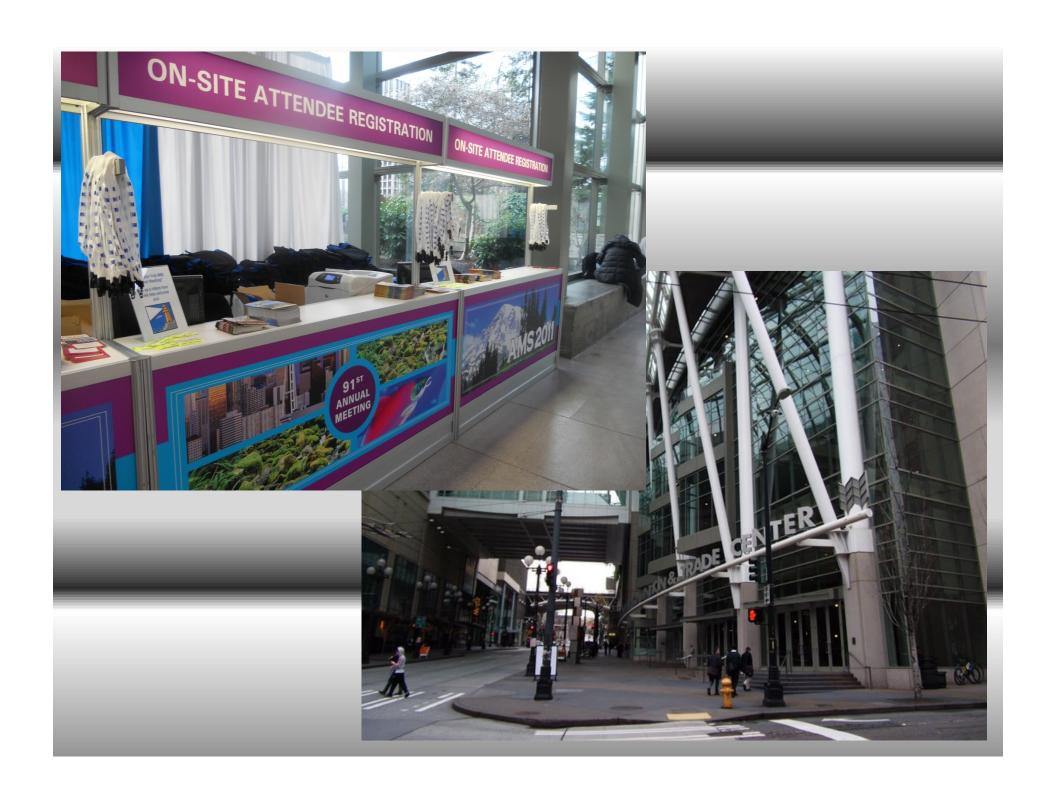
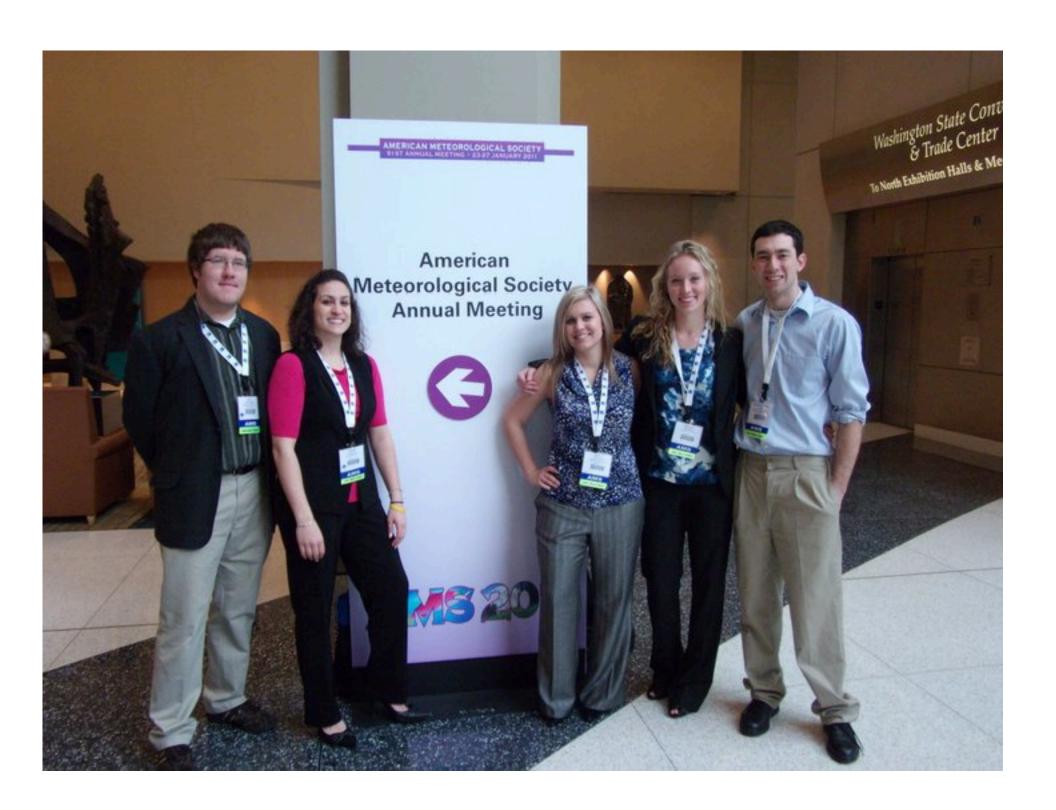






91ST ANNUAL MEETING 23-27 JANUARY 2011 SEATTLE, WASHINGTON



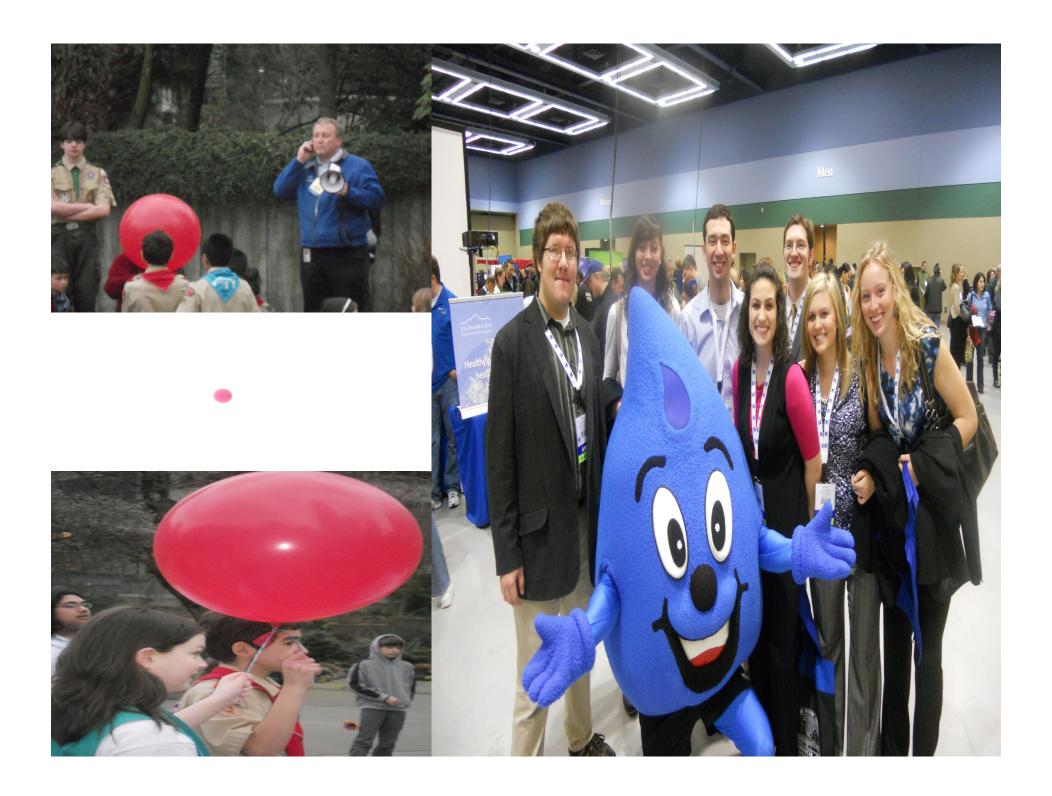


Weather Fest

> SUNDAY JANUARY 23

EXHIBIT HALL 4F





91st
Annual Meeting
American
Meteorological
Society

ome To

### Who and What is the AMS?

#### **AMS Members**





- Degreed Professionals
- **Students**
- Weather Enthusiasts
- Founded in 1919, AMS has a membership of more than 14,000 professionals, professors, students, and weather enthusiasts
- Promotes the development and dissemination of information and education on atmospheric, related oceanic and hydrologic sciences
- Advances the professional applications of these sciences of the sciences of the

12 conferences annually, and offers numerous



## ANS 201



## Poster Sessions & Career Fair

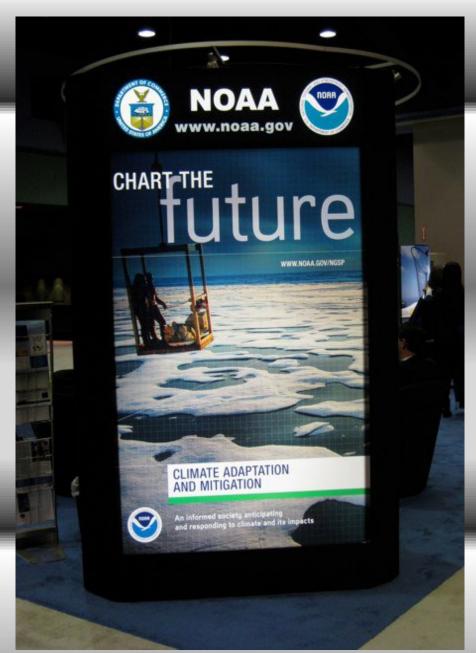
# CAREER & EXHIBIT FAIR







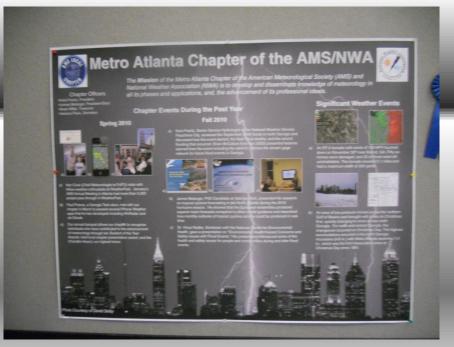






## POSTER EXHIBIT





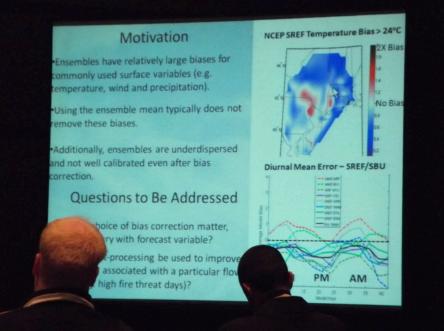




## LECTURE

## PRESENTATIONS





#### Conclusions

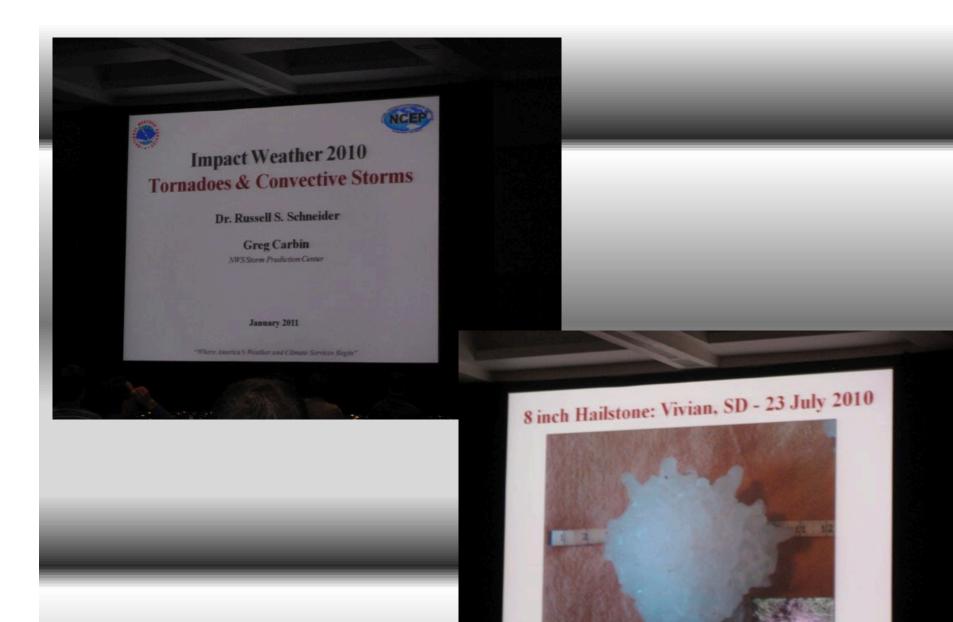
•The CDF bias correction removes 10-m wind speed bias more effectively on average than the additive or linear techniques. Overall, an additive or CDF bias correction works best for 2-m temperature.

•Fire threat days exhibit cooler model temperature biases and less of a positive wind speed bias than the warm season average. Therefore, using similar days to bias correct high fire threat events (conditional training) is more effective than using the most recent consecutive (sequential training) days.

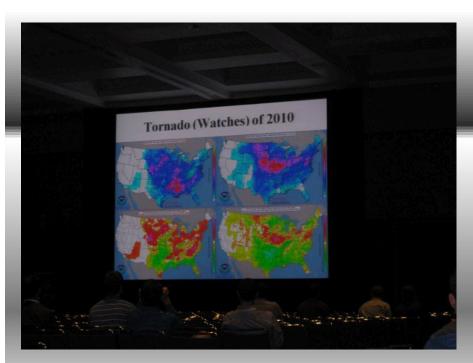
•Furthermore, conditional training with BMA improves ensemble calibration when compared to sequential training.

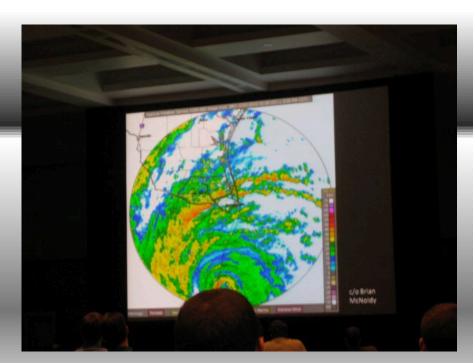
pl post-processing may be a valuable more effectively and calibrate an ensemble for existence events.

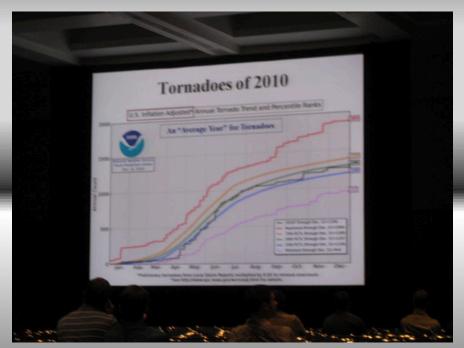


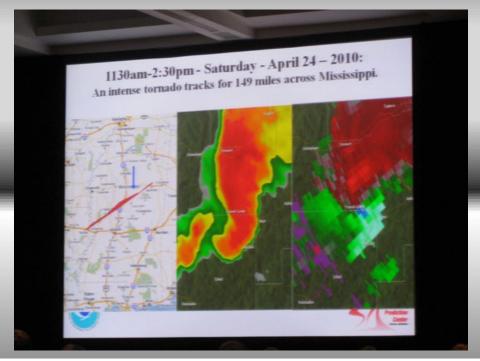


Largest ever in US by both diameter (8.0 in.) & weight (31 oz.)

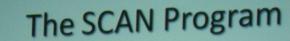


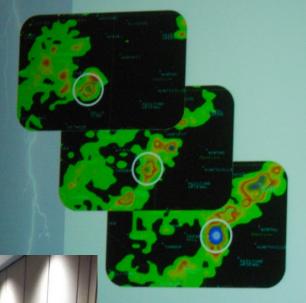












LYNDON

A VERMONT STATE COLLEGE

#### Need a cell tracker

- o Needed for time series
- o Best for lightning jump

#### Currently

- o Mentally assemble trend
- o Can be subjective
- o Slow to do

8.1, 5<sup>th</sup> Conf. on the Meteorological Applications for Lightning Data, 2011 AMS



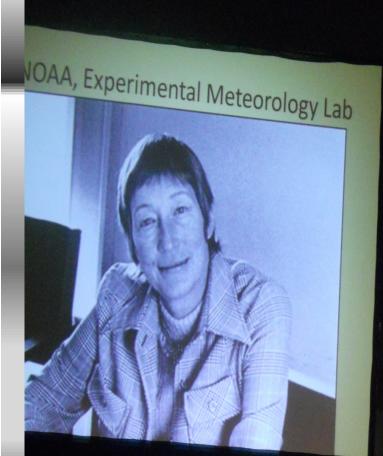
























### WOMEN'S LUNCHEON

















