

## **AMS/NWA MEMPHIS CHAPTER 17 MAR 2015 MEETING MINUTES**

1. The President welcomed everyone to the March meeting.
2. The scholarship application is on the chapter's webpage for this year's eligible students. Due date for entry is May 15<sup>th</sup>.
3. The scholarship committee will convene in either late May or early June...with a specific date TBD.
4. Our chapter is now up and running on Facebook.
5. The treasurer's report was given with a reminder for any last minute folks who haven't paid dues and for anyone who would like to donate to the Scholarship Fund. Dues are \$10.00 for members and \$5.00 for students.
6. The 20<sup>th</sup> of April will be our spring luncheon.
7. No speaker has been determined yet for the May meeting.
8. The President introduced the evening guest speaker, Taylor Trogdon, a General Forecaster for the Memphis National Weather Service Forecast Office. Taylor's presentation was the use of the Dual-Pol product Differential Reflectivity (ZDR) in the 30 June 2014 bow echo event across the Midwest. He showed how the convection transitioned from a cluster of supercells across western and central Iowa to a long lasting derecho across eastern Iowa, northern Illinois and southern Wisconsin. Doppler radar indicated a ZDR arch of much higher reflectivity from the surface up to near 25 kft just before the storm mode transitioned into the bow echo/derecho. Within roughly ten minutes, numerous high wind reports were being observed along with significant damage from Cedar Rapids to Fairfield, Iowa. This arch signal remained with the line as it advanced east. Severe reports continued for several hours before the storms dissipated over Lake Michigan. His talk sparked several questions about bow echo dynamics and the proposed use of other Dual-Pol products that may provide early signals for severe weather.
9. The meeting concluded with the President reminding everyone that the upcoming spring lunch will be the 20<sup>th</sup> of April and that the next, and last, meeting before the summer break will be in mid-May. Watch the website, Facebook, or email for the exact dates.

Jim Branda, Secretary

Approved,

Tom Salem, President