

American Meteorological Society (AMS) - St. Louis Chapter and Kansas City Chapter Joint Meeting

Date: Tuesday, February 20th, 2018

Location: Shakespeare's Pizza - South (Columbia, MO)

Time: Meeting Time: 6:00 - 9:00pm

Officers in Attendance:

- Fred Glass - Vice President
- Kyle Perez - Secretary

Total in Attendance: (40)

Introduction: Fred Glass

- Introduction and Welcome to February meeting
- Address potential plans and discuss ideas for Spring 2018 meetings
 - Discussed the potential for 2-3 more spring meetings total
- Introduce guest speaker Dr. Cathy Finley (Saint Louis University)

Old and New Business: Kyle Perez

- Last Meeting held at Lotawata Creek Southern Grill
- T-shirts order form due by March 1st
- 22nd Annual Severe Storms and Doppler Radar Conference will be held March 22-24, 2018 in Ankeny, IA
- NWA Annual Conference will be held in St. Louis from August 25-30, 2018
- Possible ideas for future meetings
 - Dinner meetings at various locations
 - St. Charles County Joint Communications (moving into new building)
 - Possible trivia night

Treasurer Report:

- Membership Fees (\$15.00) were collected at the September 2017 meeting. If you would like to become a member still, please bring your payment to the next meeting or send your payment to Treasurer Allison Wreath.
- Allison Wreath
618 Rain Hollow Drive
O'Fallon, IL 62269
- Current Bank Balances
 - Checkings: \$1699.38
 - Savings: \$488.26

- Allison plans to purchase a box of new checks for the Local AMS (\$36.00)
- Need to build new letterhead with new logo
- Meghan Danahey needs to become primary account name on our account

Meeting:

- *Speaker:* Dr. Cathy Finley (Saint Louis University)
 - *Topic:* Connections between Supercell RFD and FFD Characteristics and Tornado Development
 - *Overview:* Is there a correlation between the RFD and FFD in tornadogenesis?
 - *Conclusions:* High resolution work has been done over several studies to look for answers to questions about RFD
 - Observations collected on RFD and FFD in numerous field campaigns
 - Pulsed RFD surges are thought to enhance tornadogenesis
 - RFDIS can possibly lead to rapid upscale growth of a tornado
 - Presented a few animations of high-resolution tornadogenesis
 - Still remains question of exact importance of RFD in tornadogenesis

Closing Remarks:

- Next meeting: exact date/time to TBD (March or April)
- Check back on our Facebook page or Local AMS website for more details on future meetings when they become available!
- <http://www.eas.slu.edu/Weather/AMS/>