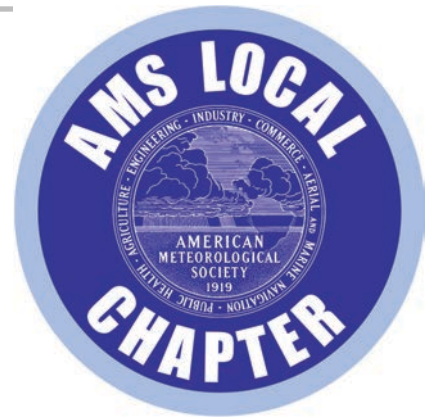


AMS LOCAL CHAPTER AFFAIRS



CHAPTER HAPPENINGS

Greater Milwaukee

On May 1, 2019, the Greater Milwaukee Chapter and the University of Wisconsin-Milwaukee Atmospheric Science Program hosted the "Radiosonde Roadshow", presented by Mr. Chris Vagasky and Mr. Frank DeFina of the Vaisala Corporation. The day began with the Vaisala representatives meeting with students to share insights on their respective career paths in the field of meteorology. Immediately following, a full-scale radiosonde balloon launch was conducted from an outdoor open space on the UW-Milwaukee campus. This was observed with great interest and curiosity by many students and passers-by alike, and a local Milwaukee television station (WISN-ABC12) sent a crew to cover the event. After the data had been collected, the Vaisala representatives re-convened indoors over pizza with another group of students to answer questions and share further insights. The data gathered from the radiosonde launch was made available for future analysis. The Greater Milwaukee Chapter is grateful for the opportunity to participate in this excellent learning experience!



North Florida

On March 30th, 2019, students from several Tallahassee universities and colleges came together to participate in The Big Event. This event brings together students to perform volunteer activities for people in need in the Tallahassee community. Members from the North Florida Chapter of the AMS participated in The Big Event by volunteering at Turn About, a nonprofit organization that provides services for at-risk adolescents and young adults in Tallahassee. Turn About's goal is to assist the community's youths by helping them to stay drug-free and better handle their emotional and behavioral responses to life's challenges.

The volunteers provided much needed cleaning and maintenance to the inside and outside of Turn Around's main building that would not have usually been possible due to the limited amount of staff members for the organization. The overall event was a huge success, with thousands of students throughout all of Tallahassee lending their help to the community.



Central North Carolina



Ari Brown, president of the NC A&T State University Meteorology Club was the invited presenter for the CNCC of the AMS September monthly meeting. Ari came to his first CNCC meeting in 2012 and attended chapter meetings regularly throughout his high school years. Ari's presentation at the September meeting was entitled "Meteorology in Aggieland." Ari shared that he first became interested in meteorology during the aftermath of Hurricane Katrina in 2005 and decided to

become a meteorologist at the age of eleven. At NC A&T, Ari focuses on research-oriented meteorology. As president of the NCA&T Meteorology Club, Ari is working towards the reactivation of NC A&T's AMS local chapter. CNCC of is proud of Ari for his accomplishments, and chapter members thoroughly enjoyed having him return as a guest speaker.

Northern Vermont University of Lyndon

Recently, the NVU-Lyndon Chapter of AMS embarked on their annual Sector Search, a weekend spent exploring different institutions to show underclassmen what a career in meteorology could look like. Chapter members visited Plymouth State University, the National Weather Service Office in Taunton, MA, and WPRI in Providence, RI, as examples of graduate school, public sector and broadcasting career paths. Chapter members were able to network with professionals, ask questions and even get some green screen practice. Chapter members were able to walk away with new connections, experiences and a clearer vision of their future careers!



Oregon State University

The Oregon State AMS chapter has teamed up with KBVR, the broadcasting station on campus, to produce weather forecasts for the school. This provides members a unique opportunity to learn the ins and outs of meteorological broadcasting. For each segment, a member will volunteer to be the on screen talent and create and present a seven-day forecast, other members assist behind the scenes with the camera, lighting, and in the production room. Currently we are able to produce two weather broadcasts each week, and we hope to increase the frequency to three times a week by next term. The OSU chapter is also working on getting a weather station installed on campus which will be used to improve forecasts for the local Corvallis region. Weather broadcasts can be viewed on the KBVR youtube channel, episodes are titled DAM Weather and the date on which they are produced. Check it out!



Texas A & M University

TAMSCAMS (Texas A&M Student Chapter of the American Meteorological Society) hosted a Halloween movie night for their monthly social event for October. The event was held in the observatory on the 15th floor of the Eller O&M building, which has some of the best views on campus. There was a costume contest for members who wanted to dress up; the contest winners dressed up as our two faculty advisors Dr. Conlee and Dr. Korty with a cardboard replica of the O&M building (far left on the photo with many people and featured solely in the other photo). Candy and pumpkin bread were shared as members watched a Halloween movie that was voted on. It was a relaxing and spooky time for peers to have fun outside of the classroom.



West Central Florida

Celebrating 100 years of the American Meteorological Society, the West Central Florida chapter visited the National Weather Service Tampa Bay office in Ruskin, FL. Brian LaMarre, who is the meteorologist-in-charge, introduced the functionality and coverage of the station and how it is connected with the local community. While at the station, members were able to participate in the evening weather balloon launch. The NWS launches weather balloons twice a day at six in the morning and another one in the evening. The science operations officer, Bryan Mroczka, then gave a detailed presentation about the latest GFS-FV3 weather forecasting model's advantages over its previous products and how it will be implemented at different temporal and spatial scales. After the presentation, chapter members and station officers had an exciting discussion on how the new forecasting models will be used during hurricane season.



Central Virginia

On August 29, 2019, the Central Virginia Chapter met at The Grapevine restaurant to hear WWBT-TV Chief Meteorologist Jim Duncan discuss experiences during Hurricane Gaston which occurred in August 2004. Massive flooding occurred in the city of Richmond with torrential rain in a short period centered downtown in the evening rush hour. Duncan discussed his personal experiences trying to get to the TV station. He also discussed the numerous technological changes that have occurred since Gaston with regards to information presented to the public, including the now widespread use of social media.



On October 12, 2019, President Peter Effertz and Secretary/Treasurer Dan Salkovitz manned a meteorology table at the Henrico County Math Science Innovation Center (MSIC) Open House. Parents and students were given cloud charts and watch a tornado form in a Tornado Machine.

On October 19, 2019, chapter staff helped out at the Mid-Atlantic ChaserCon held at the Science Museum of Virginia. Meteorologists and storm chasers from around the region converged to discuss storm chasing events, videos, and other related issues.

The chapter was hosted by Carroll Ellis at the MSIC on October 26, 2019. Ellis lead a tour of the facility including the Weather Emergency Operation Center and the Challenger Learning Center. He also lead a discussion on the “War on Earth Science” and a Fujita Scale Activity exercise. Chapter members were then given a tour by Virginia Department of Environmental Quality staff of the extensive air quality monitoring site at the MSIC.

Iowa State University

Students of the Iowa State University Student Chapter of the American Meteorological Society pose for a fun picture while playing in the corn! The chapter enjoys celebrating the fall weather by attending social events off-campus. An annual favorite is exploring a local pumpkin patch! Students are able to mingle and socialize with one another while exploring a corn maze, riding tractors, eating treats, and many other activities. The ISU student chapter values community, which is why motivated efforts through fun social activities are made to inhibit fun bonding and team-building experiences.



University of Puerto Rico-Mayaguez (SMPR)



Since 2006, the Student Meteorological Society Chapter of Puerto Rico (SMPR) has volunteered to share the knowledge the members have acquired about atmospheric sciences studying at the University of Puerto Rico. Continuing with our task, on Friday, November 8, 2019, the demonstration committee members participated at the Explo-Crea Activity at Hemeterio Colon Middle School in Ponce, Puerto Rico. In the activity, the students had the opportunity to learn and expand their knowledge about atmospheric

sciences and meteorology through experiments and demonstrations. For many students this type of activity is very useful since we present the possibility of studying atmospheric sciences in Puerto Rico and share information with a different outlook so they get interested in this field. Thanks to all the schools that invite us for the benefit of their students.

Oregon

On October 26th, the Oregon AMS hosted the 27th Annual Winter Weather Forecast Conference at the Oregon Museum of Science and Industry (OMSI). The forecast conference featured winter forecasts from Tyree Wilde; Warning Coordination Meteorologist NWS Portland, Kyle Dittmer; Hydrologist/Meteorologist CRITFC, and Kelley Bayern; Morning Meteorologist KOIN-TV. The conference was extended an extra hour this year to allow Dr. Cliff Mass from the University of Washington to discuss new insights into wildfires from high resolution weather and climate models. Dr. Mass also gave a quick tutorial into the Northern Pacific Ocean feature known simply as “The Blob.” Among the news that Dr. Mass shared was that new sail drones have been placed in the Pacific Ocean. These mobile observation platforms could help increase forecast accuracy by being moved into an area where weather is occurring.



In addition to the forecasts, we have several contests that have become highlights of the event. The Oregon AMS raffled off a Davis weather station and a trip to the Oregon Coast. We also hold the annual snowfall ballot contest. Conference attendees guess the date of the first snowfall at PDX airport. A report of the ASOS station of -S, S, or +S will trigger the winning date. Those closest to the date and time will win passes to OMSI. The forecast conference is our largest meeting of the year, drawing over three hundred people. Each of the presentations are posted on the Oregon AMS website, along with the video of the event. (OregonAMS.wordpress.com)

New York City/Long Island

The Aldrich Contemporary Art Museum, in partnership with the Western Connecticut State University Meteorology Club, Macricostas School of Art and Sciences Meteorology Program, School of Visual and Performing Arts Department of Art and the New York City/Long Island Chapter of the AMS teamed to present a one-of-a-kind symposium entitled, “Weather Report: A Symposium on Art and Weather” on Saturday October 19th. The free symposium brought together students from the sciences and art disciplines, meteorologists and artists as well as the public at large from the Tri-State area including a contingent of students from Stony Brook University.

Meteorologist Craig Allen from WCBS 880 was the master of ceremonies for the six speakers. Presentations ranged from Art and the Atmosphere: An Overview by Aldrich Museum curator, Richard Klein, to Kim Keever an artist, who displayed his one-of-a-kind signature photographs of the results of dropping paint into a 200-gallon aquarium filled with water.

Socializing at lunch and then after the symposium at a reception further connected the science and art communities. As a first-of-its-kind symposium, the overall reaction was very positive and provided a stimulating and interesting day.



Richard Klein – speaker



Craig Allen, Master of Ceremonies

NEWS FROM AMS HEADQUARTERS

Local Chapter Poster Deadline Reminder



If you will be displaying a poster at the Annual Meeting, please email a jpeg file of the final poster to Katelyn Angland by December 28th. Winning posters will be displayed on screen at the Chapter Officers' Breakfast.

As a reminder, the Local Chapter poster display will be held in Hall A of the Boston Convention and Exhibition Center. Display panels will be available as well as pushpins. Each chapter will be allotted a 4' x 8' poster space to display a poster related to their local chapter history and recent activities.

The guideline for the poster award competition as well as information on the poster judging processes can be viewed on the [Chapter Awards site](#). Chapter Poster setup is Monday, January 13th from 9 AM to 3 PM and tear down must be completed by 6 PM on Wednesday January 15th. If you would like to have your poster judged by the committee for the poster awards, please have it up by 11 am on Monday January 13th.

19th Annual AMS Student Conference



The AMS Student Conference will be held in Boston from January 11-12, 2020 in conjunction with the 100th AMS Annual Meeting. The AMS Student Conference is in its 19th year and continues to expose undergraduate and graduate students to the breadth and diversity of professionals and career paths in the earth sciences. In 2020, we're excited to offer a revamped agenda, which reflects the chosen theme "Hindsight in 2020: A century of meteorological innovation to inspire the future."



Interested in learning more about the Student Conference? Visit the [Student Conference website](#) and [follow us on Twitter](#) for more information and ways to get involved. As students, we are the future of the Society, and we hope to see you in Boston!

Join the 100th AMS Annual Meeting Event Community



Are you attending the 100th AMS Annual Meeting in Boston? Then don't miss out on joining the meeting's event community! The 100th AMS Annual Meeting Event Community is your online space to gather and talk about the meeting and whatever else comes up on our forum's discussion boards as well as connect with fellow attendees ahead of the meeting. If you want to be on the pulse of all things Annual, we encourage you to participate! Questions? [Reach out](#) and we'll get you involved.

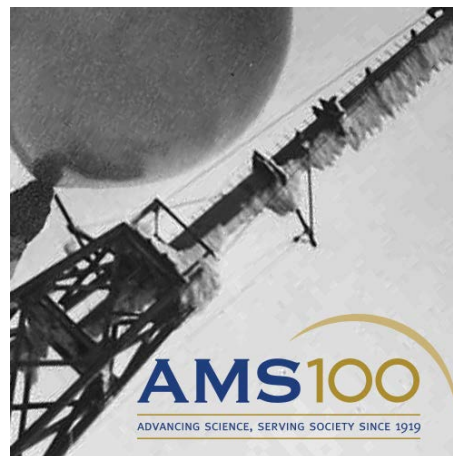
AMS Centennial Time Capsule



What's the one object that summarizes your studies of Meteorology? Is it Holton's *Dynamic Meteorology*, whose end-of-the-chapter exercises/problems have kept you awake until 12Z? Is it a skew-T/log-P diagram depicting the sounding of a major storm that affected your university? Or is it the collective memories made with your fellow Meteorology majors?

In conjunction with the AMS Centennial, the AMS Student Conference plans a community-wide effort to create and dedicate a time capsule encapsulating life as a meteorology student in 2020. This time capsule will be opened in fifty years, at the 2070 AMS Annual Meeting.

To capture the wide diversity of students, interests, and backgrounds across the country and world, we ask that each AMS local chapter or institution bring a piece of memorabilia to the 2020 Student Conference that answers the question "what makes you a meteorology student in 2020?" to contribute to the time capsule. There are no guidelines as to what local chapters or institutions can contribute, and creativity is encouraged! We do request, however, that items be no larger than a textbook.



For students traveling to Boston on their own or for students wanting to leave a memento to future students beyond the contribution of their local chapter or institution, notecards with space for a message will be available during the Sunday morning coffee hour of the Student Conference.

We hope that this project not only brings together the current generation of Meteorology students but simultaneously gives meteorologists in the future the opportunity to glean life as a meteorology student in 2020. We thank the AMS for their dedication to this project. Join us with this effort to celebrate and capture a snapshot of our history! Any questions regarding this project can be directed to amsscpc@gmail.com.

AMS Meetings and Deadlines

- It's not too late to register! Attend the historic [100th Annual Meeting](#)
- Make plans to attend the [8th Annual Early Career Professionals Conference](#)
- Check out the [Career Activities](#) at the 100th Annual Meeting
- Save the Date for our [2020 Specialty Meetings](#)

Here's your friendly reminder to update your local chapter directory listing at least one per year. Updating your Chapter's information is easier than ever! Check out the [instructions](#) and then make any needed changes to your chapter's information! If you have any questions, please reach out to [Katelyn England](#).

Student Memberships

Being an AMS Student Member connects you to a vital community of professionals and students working in the fields of weather, water, and climate. It provides you with valuable access to student meetings, rewarding job and internship opportunities, journals and publications, and other important resources as you move into an exciting career within the atmospheric, oceanic, and related hydrologic sciences. Annual dues for students currently enrolled in a university or college at least half-time is just \$20!

Tell your fellow chapter members about the benefits of AMS membership! Learn more at <https://www.ametsoc.org/>.

AMS Career Resources

The AMS Department of Career Development introduced several new initiatives in 2019. Our webinar program is off to a great start with several webinars happening every month covering a broad range of atmospheric and related science topics. We also recently launched a podcast series *Clear Skies Ahead: Conversations about Careers in Meteorology and Beyond*, where you can step into the shoes of an expert working in weather, water, and climate sciences. In addition, the new Certified AMS Teacher Program (CAT) will be accepting applications starting in January 2020. You can find more information on these programs as well as career profiles, professional development and mentoring opportunities, job and intern boards, career guides and tools, and other resources on our revamped [Career Resources website](#).

Unique Holiday Gifts

For friends, family, and colleagues who love weather and the sciences that explore it, [give a unique gift](#) from AMS this holiday season. Your purchase helps support our mission to advance the atmospheric and related sciences, technologies, applications, and services for the benefit of society.

The next newsletter will be published in February. If your chapter would like to announce upcoming events or submit a write-up on a specific activity that was successful, please e-mail [Katelyn Angland](#) no later than January 15th. To view prior newsletters, click [here](#).

Local Chapter Mission

The AMS Local Chapter Affairs Committee serves as a link between local student and professional chapters and the national AMS. The committee exists in order to provide guidance and support in the mission of all local AMS chapters.

Committee Leadership

Amber Liggett, Chair
Kristofer Tuftedal, Chair-Elect
Katelyn Angland, AMS Liaison

AMS Headquarters
45 Beacon St. Boston, MA 02108

Follow Us on Facebook and Twitter
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AMS Local Chapter Affairs

This newsletter is constructed by members of the American Meteorological Society's Local Chapter Affairs Committee in conjunction with AMS Headquarters. The LCAC meets at every AMS Annual Meeting to help foster the growth of the local chapters. E-mail the committee at: amschaps@ametsoc.org