ISSUE NO. 4

AMS LOCAL CHAPTER AFFAIRS

QUARTERLY DIGITAL PUBLICATION/SPRING_SUMMER 2013/VOLUME 2

FEATURED CHAPTER

LYNDON STATE COLLEGE
AMS/NWA STUDENT CHAPTER



Founded in 1971, the Lyndon State College (LSC) AMS/NWA Student Chapter has 70 members of the small community at Lyndon State. This chapter is associated with the renowned Atmospheric Sciences program located in the Northeast Kingdom of Vermont.

The LSC Student Chapter is dedicated to the promotion of education in science. Students visit classrooms to talk about their experiences with weather. This ranges from involvement with VORTEX 2 to experience with a DOW (Doppler on Wheels) that had a short stay on campus for research.

The chapter also co-hosts a regional Science Fair with the local chapter of the Sigma Zeta Honor Society which allows 3rd-8th graders to show off their projects to a panel of judges and interact with college students.

This past year, the chapter held their annual Mt. Washington Hike along with the Department of Student Life that had participants from both the club and the school community.

Freshman and sophomore atmospheric science students get to participate in the annual Sector Search. Students get to go on a weekend long trip that will immerse them in many of the opportunities available in the field. People going get to visit a television station, a private meteorological consulting business, a graduate school, and a NWS office.

The chapter also hosts the Northeastern Storm Conference, the largest student run and sponsored conference in the nation. Other club events include car washes, participation in the St. Johnsbury Youth Shelter Walk, a campus-wide talent show, barbecues, and a rave dance called PULSE.

Chapter Elections

As the reporting of election results is a requirement, please update your online local chapter directory listing when your chapter elections have been held. If you need your local chapter account number for access, please contact Kelly Savoie (ksavoie@ametsoc.org). Updated election results should be entered no later than 1 June 2013. Please keep in mind that the chapter president/chairperson is required to be a member (Associate, Member, Student) of the Society. If the chapter president/chairperson is not a member or pending member of the Society, then the chapter will not be recognized as being active. You may apply for Membership online or print an application from the AMS Web site at http://www.ametsoc.org/MEMB/apps/index.html. Please update your last election date even if your officers were reappointed for 2013. This will ensure that your chapter remains active in our files and that you receive important emails from AMS Headquarters.

Chapter of the Year Award Applications

The deadline for the local chapter of the year awards is 1 May 2013. Applications must be received by this date. Award applications and information may be found on the AMS Web site at http://www.ametsoc.org/awards/index.html. For guidance on what the committee is looking for when judging for the award, please see http://www.ametsoc.org/amschaps/awardguidance.html. There is also a sample Chapter of the Year Application available at http:// www.ametsoc.org/amschaps/LCAC%20COY_Sample.pdf.

News from AMS Headquarters

BAMS on your iPhone and iPad!

The *Bulletin of the American Meteorological Society* (*BAMS*) is now mobile! The AMS has released an app providing easy access to BAMS Digital Edition on the iPhone or iPad. The BAMS app is available for free from the iOS App Store. Simply search for "BAMS" within the store.

Members now have cover-to-cover access to *BAMS* on their iOS devices. The app contains the entire *BAMS* Digital Edition library, starting when the Digital Edition launched in January 2010, and will update automatically with each new issue. All links in the issues are live, affording readers the option to further explore topics of interest, or visit advertisers' websites, with the tap of a finger. Issues can also be shared with others via email, Twitter, and Facebook.

To read issues within the app, members will need to use their member online profile login. If you have not yet created your online profile, you may do so at http://www.ametsoc.org/MEMB/account/index.cfm. Not a member? Learn more about the benefits of membership (http://www.ametsoc.org/MEMB/benefitsof_membership.html) and apply today (http://www.ametsoc.org/MEMB/apps/index.html)!

Help us understand you better!

The AMS Policy Program (APP) strengthens the connection between Earth system science and services and public policy by assisting communities to understand and manage the risks associated with weather, water, and climate. The AMS local chapters are in a unique position to facilitate such discussions and catalyze action at local levels. For this reason, we ask you to participate in a brief survey that will help us understand you better, identify areas of concerns and opportunities, implement solutions, and improve products and services. This survey will only take a few minutes of your time. Your privacy is important to us, therefore, your answers will be combined with others, and will never be linked with you personally. Your feedback and thoughts are greatly appreciated.

Link to the survey:

https://www.surveymonkey.com/s/LocalChapter2013APP

Thank you for taking the time to consider this study!

New and backlist AMS books and monographs to be available via Springer.com and SpringerLink

The American Meteorological Society (AMS) is partnering with Springer to enable the electronic distribution of dozens of AMS's books and monographs, including out-of-print legacy titles that will be made available through print-on-demand as well.

The collaboration with Springer will enable the Society to benefit from Springer's innovative ePublishing technologies and long-term library relationships. Springer's international sales and marketing teams will work to bring the AMS's book publishing program to global institutional markets. The Society will continue to distribute print books directly and through its print distribution partner, the University of Chicago Press.

The twelve titles available as eBooks immediately will grow to approximately fifty in 2013, and three to five frontlist titles will be added each year. The current collection includes key works on climate change and meteorological hazards including *Lewis and Clark: Weather and Climate Data from the Expedition Journals* and *Deadly Season: Analysis of the 2011 Tornado Outbreaks* as well as instructional texts like *Eloquent Science: A Practical Guide to Becoming a Better Writer, Speaker, and Atmospheric Scientist.*

Did You Know...

...that AMS staff are available to visit and give a presentation to your chapter? For example, in April, Dr. Michael Friedman, the AMS Journals Production Manager, will be visiting the Pennsylvania State University and Millersville University chapters to give a presentation on publishing with AMS, technical writing in general, and its importance in professional life.

If you are interested in setting up a visit from AMS staff (and it's not just limited to the Publications area---we have lots of interesting people in other departments like Policy, Meetings, and Education to name a few others), please contact AMS Headquarters.

FEATURED CHAPTER

SMOKY MOUNTAIN CHAPTER OF THE AMERICAN METEOROLOGICAL SOCIETY

The Smoky Mountain AMS chapter actively meets the third Monday of every other month (January, March, May, July, September, and November) to foster the growth of operational meteorology and the atmospheric sciences in East Tennessee (website address: http://www.ametsoc.org/chapters/smokymnt/). Our membership includes scientists from the Oak Ridge National Laboratories, NOAA's Atmospheric Turbulence and Diffusion Division laboratory in Oak Ridge, forecasters from the National Weather Service in Morristown, professors from the University of Tennessee in Knoxville, Knoxville media, and other weather enthusiasts in East Tennessee.



George Mathews (center) and David Gaffin (right) welcoming everyone to the presentation.

On 18 July 2011, the chapter hosted a public presentation on the Super Tornado Outbreak of 27 April 2011 in Gentry Auditorium on the Carson-Newman College campus in Jefferson City, TN. Around 100 people and several media outlets attended to hear personnel from the National Weather Service in Morristown give presentations on the numerous tornadoes that occurred across east Tennessee and southwest Virginia during the Super Outbreak. David Gaffin (senior forecaster) first talked about the meteorological conditions that made this event significant, David Hotz (Science and Operations Officer) and Tim Doyle (forecaster) then talked about the radar imagery and warning operations, and then George Mathews (Meteorologist in Charge), Tim Troutman (Warning Coordination Meteorologist), and Howard Waldron (retired Warning Coordination Meteorologist) talked about the numerous surveys that were done afterwards to document and rate the tornadoes. The NWS's Warning Event Simulator (which simulates the computers used operationally at the NWS) was used to display the data that was available to forecasters during the event. In addition, pictures and maps from the numerous tornado surveys were discussed. This presentation was videotaped and can be found at http://www.srh.noaa.gov/mrx/?n=outbreak_presentation.

New Chapter Wiki Page

The AMS Local Chapter Affairs Committee has just launched a new wiki page for local chapters! Using this page, you can keep us and other chapters updated on what you have been up to. In addition to serving as a great historical tool for your chapter's future generations, we hope that the sharing of knowledge on this site will allow smaller, younger chapters to grow using your ideas. We don't just want to know your successes- we want to know your failures too. What has worked, and what hasn't worked?

There are five major sections, currently, on the wiki: Fundraising, Mentoring, Public Outreach, Technology, and Award Applications. A few examples are listed in each to get you rolling. Once you sign up for an account (see below), you will have access to edit each of these sections. We will use your contributions as consideration for Chapter of the Year awards if you send in an application this year by May 1st.

Each chapter will be given ONE account. The account will need to be requested by the current chapter President, or a designated officer. Once your account is created, DO NOT share your password with anyone outside of officers who will be editing the page. EVERY EDIT YOU MAKE AND SAVE TO THE PAGES IS PERMANENTLY RECORDED WITH YOUR ACCOUNT NAME – SO MAKE SURE YOU PROTECT YOUR CHAPTER BY KEEPING YOUR INFORMATION PRIVATE!

If at any time you need a password reset, please just let us know. Please don't ever delete another chapter's information - this information is saved and can be recovered if you delete it by accident. Just let us know!

The wiki can be accessed here: http://www.chapterwiki.ametsoc.net/. It can also be accessed through the AMS Chapter Information page at http://www.ametsoc.org/amschaps/index.html. In order to request an account for your chapter, have your current President email the LCAC chair at: Jim Kurdzo, kurdzo@ou.edu

We hope to see you posting soon!

CHAPTER HAPPENINGS

California University Of Pennsylvania



After many months of planning, California University of Pennsylvania's Sixth Annual StormFest was held on February 15th and 16th. StormFest is an educational outreach event geared towards teaching children about meteorology and the earth sciences in a fun way. The event took place at the Carnegie Science Center in Pittsburgh. On Friday there were 14 activities that were staffed by around 30 volunteers from the chapter. Many children came to visit on school field trips. Saturday, February 16th was the main event featuring 35 activities and over 105 volunteers. The volunteers were members from our chapter and alumni, CalU club, Alpha Sigma Tau, and Theta Xi. The chapter also worked in collaboration with Ohio University Meteorology who sent 12 volunteers. Saturday's event featured Meteorologist Nick Walker from The Weather Channel who performed two "weather dude" shows. Nick signed autographs and engaged with the public as well. Matthew Kramar (Science and Operations Officer) from the Pittsburgh National Weather Service volunteered on Saturday with an activity geared towards weather safety. He also brought a tornado machine for children to enjoy. Attendees on Saturday had the chance to complete 18 activities to earn a free StormFest t-shirt. StormFest had a record of over 5,000 attendees between Friday and Saturday. This was again, another successful year for this event.

Iowa State University

The Iowa State Student Chapter of the AMS (ISU AMS) was honored to have been selected as the 2011-2012 Student Chapter of the Year! Last semester, we were honored again, but this time with a visit from Dr. Bill Brown of NCAR. Dr. Brown came to Iowa State to show our chapter the Mobile Integrated Sounding System (MISS), a meteorological observing system designed for research purposes. We were given the opportunity to observe data collection from a wind profiler as well as prepare and launch a weather balloon! This was the first time many of our members saw a weather balloon elevated in real time. Afterward, we recorded the data from the balloon and analyzed the vertical thermodynamic and dynamic profiles. The highlight from this opportunity was seeing the excited faces of our members as the balloon quickly accelerated from the surface; it was almost as if they were children in a candy store – priceless!



SUNY Oswego

Great Lakes Atmospheric Science Symposium (GLASS), SUNY Oswego Campus, Lanigan Hall 102; April 20, 2013

The Oswego State Chapter is excited to announce our 4th annual student-run conference; Great Lakes Atmospheric Science Symposium (GLASS)! Each year, our conference is held to allow students and professionals to share their latest studies and findings in the meteorological world. This year, GLASS will take place on April 20, 2013, with a deadline for registration on April 13th. Talks will be given over the course of the day, followed by a banquet dinner on campus. Closing our conference that evening will be a keynote that is soon to be announced. Registration and a call for abstracts is currently taking place at our website, so please head over there to sign-up, or for more information as details become available. Full details available at: http://www.oswego.edu/news_weather/

The next newsletter will be published in early August. If your chapter would like to announce upcoming events in the next issue of the Newsletter, please email Kelly Savoie (ksavoie@ametsoc.org) no later than July 15. To view prior newsletters, see http://www.ametsoc.org/amschaps/newsletters.html

CHAPTER HAPPENINGS

North Florida Chapter



This spring, the North Florida Chapter of the American Meteorological Society and the National Weather Association once again worked with the local organization "Keep Tallahassee Beautiful" to help spread the importance of environmental awareness and protection. Keep Tallahassee Beautiful is a local organization that stresses environmental cleanliness and working with this group allows the society to become involved in efforts such as environmental cleanups. This year, members woke up early on a chilly Saturday morning and spent the morning hours cleaning trash next to Blountstown Highway. It became an adventure for many of the members, hiking the local hills, crossing over railroad tracks, and even crossing over small rivers. A half dozen or so full-size garbage bags were collected by the end of the event, each filled with cigarette butts, soda cans, old car parts, and even sometimes personal notes! Overall, it was an enjoyable and rewarding experience for both our members and the city of Tallahassee.

University of Washington



One of the University of Washington Student Chapter's largest and most interesting projects this year is forecasting for OAR Northwest: a group of four men whose goal is to row across the Atlantic from Dakar, Senegal to Miami, Florida. They left Senegal in late January and expect the trip to take around 90 days. Ten students write daily forecasts, which include a description of current conditions, a detailed forecast for the upcoming day and then a broad long term forecast. They are most concerned with winds, currents, wave heights, and cloud cover. Cloud cover forecasts are especially vital as they rely on solar power for clean water and communication.

The Lake Agassiz Chapter and North Dakota Student Chapter

The Lake Agassiz Chapter and North Dakota Student Chapter are happy to announce registration for the Northern Plains Convective Storm Symposium May 13-14 in Grand Forks, ND is open. Our keynote speaker is Mr. Chris Muller, Beltrami County, MN Assistant Emergency Manager. Mr. Muller will discuss the emergency management challenges and opportunities of the July 2, 2012 and July 4, 2012 damaging wind events. More information and details may be located on the symposium website, https://learn.aero.und.edu/pages.asp?PageID=186746.

Registration and abstract submissions are due by 11:59 pm Sunday, April 28, 2013. Remote presentation capabilities are available through Join-Me (https://join.me/). If you are interested in remote presentation, please tell us in your email. A block of 20 rooms are available at the Grand Forks Canad Inn (701-772-8404) for $77/night as "2013 NPCSS". Unreserved rooms will be reallocated after April 14th.

Questions? Contact Kevin Huyck (kevin.l.huyck@gmail.com, 763-443-7511) or Greg Gust (gregory.gust@noaa.gov, 701-772-0720).

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

JIM KURDZO, CHAIR
JESSICA FIEUX, CHAIR-ELECT
KELLY SAVOIE, AMS LIAISON

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AMS LOCAL CHAPTER AFFAIRS

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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