

scheduled sounding. After working in Iceland, Mr. Nichols released weather balloons from ships. He had to make sure that he would not be blown off the ship while releasing the balloons. He felt quite powerful every six hours when he directed an entire squadron of ships which direction to travel in order to facilitate the safe release of the sounding. After leaving the Navy in 1967, Mr. Nichols worked for the government until 1969 when he began his broadcast weather career. Mr. Nichols has been with Channel 2 since 1977.

The six o'clock broadcast was highly choreographed. The newscast followed a pre-determined script and timing. During the broadcast that we viewed, the big meteorological news was the cold weather. With nothing visible on the radar, Mr. Nichols devoted some time to the run of days below freezing and the continued forecast cold for the upcoming week. We watched Mr. Nichols present current weather, radar and the forecast in front of a green screen and his seamless transition to the news desk. While the anchors pieces were scripted and on the teleprompters, the meteorologists work without predetermined scripts. The entire flow of the broadcast was quite impressive.

After the broadcast concluded, Brian Davis, the morning and noontime meteorologist joined Jamie Jarosik and Carl Nichols to answer chapter member's questions from the "weather center" on the news set. They explained how they developed the weather presentations using different

Brian Davis, Jamie Jarosik, and Carl Nichols invite Chapter Members onto the Weather Center set to answer questions after the 2 News 6:00 broadcast.



computer systems and programs. During broadcasts, the different radar views, almanac data, and forecasts are scrolled through by pushing a series of remote control buttons. This takes some skill because there is not back button. The meteorologists stand in front of a green

screen with the weather information superimposed where green shows up. The green screen was once blue, but since blue is a more popular color to wear than green, the color of the screen was changed. The entire broadcast is timed and controlled by computers (there was not anyone behind the cameras.) Since the system is so highly controlled, when the system was first used it, was difficult to break into a broadcast with important weather information.

The Channel 2 meteorologists have quite a few unique tools at their disposal. In addition to access to NCEP models, they use a mesoscale model called ADONIS to illustrate frontal passages, precipitation and cloud patterns, and wind vectors. Surface weather observations are supplemented with information from local "weather checkers". The station also has a special radar. At the time the station was looking to purchase a radar, the National Weather Service in Evansville, Indiana was looking to replace their temporary radar. The station was able to obtain the S-band 250 kilo-Watt radar. Original plans were to place the radar at the Dayton airport, but a better location in Jefferson Township was found. They have a software package that allows the meteorologists to zoom into a "street level" display. The radar images can also be processed to display, rain, mixed precipitation, and snow.

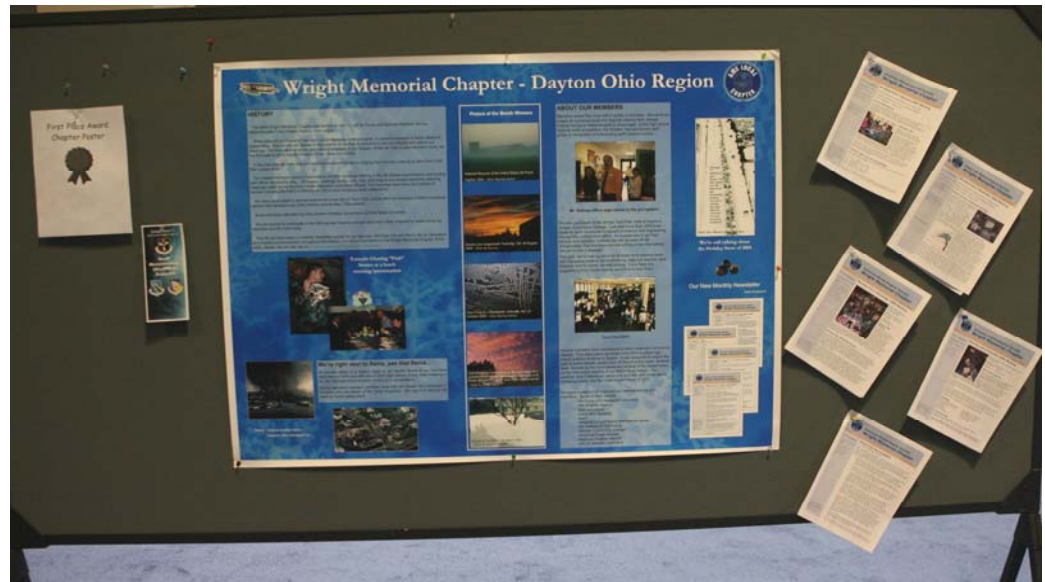
Kirk Lehneis and Allison Schauer represent our Chapter at the Annual AMS Meeting in San Antonio. They receive a ribbon for our chapter poster (Below).



For those of you wanting to ask the Channel 2 Meteorologists more questions, or have some comments, Jamie Jarosik has created a weather blog at <http://www.bloggingcold.blogspot.com>

Annual AMS Meeting

Excellent news – our chapter poster received first place in the AMS Chapter Poster Contest. Allison Schauer and Kirk Lehneis (left) were present at the chapter breakfast to receive the Chapter Poster Award. Photograph of the Wright Memorial Chapter poster is below.



In order for TechFest 2007 to be a success, we need you to help out. Please volunteer to man the booth or by suggesting a cool hands-on experiment.

TechFest 2007

Thanks to everyone who has submitted questions and answers for our TechFest 2007 pamphlet.

The list of questions/answers for the TechFest pamphlet was reviewed at the meeting. People have been very enthusiastic with their answers, not always keeping in mind our audience (the biggest part of those in attendance are those in grades 1 through 8). It is obvious that some editing of the dissertation-like answers will need to be completed before the document is published. Ten questions/answers from the list were identified to be used on the poster display for TechFest.

We are still in search of a presentation/experiment for TechFest. We will most likely be located where we were last year (in front of the water fall), making experiments dealing with static electricity a bad idea (we have learned from our mistakes).

TECHFEST 2007 CALL for VOLUNTEERS

List of volunteers for TechFest 2007:

- 2/16 – Setup – 2 pm – 6 pm – Jeff Martin
- 2/17 – morning shift – 10 am – 2 pm – Scott Hausman and Mary Bedrick
- 2/17 – afternoon shift – 2 pm – 6 pm – Karen Kowalewsky
- 2/18 – morning shift – 11 am – 2 pm – John Turnbull
- 2/18 – afternoon shift – 2 pm – 5 pm – Ron Rodney, Paul Gehred, and Mike Abel

Your dues go to pay for good stuff like prizes in local Science Fairs and our chapter poster at the Annual Meeting.

If you are interested in joining the National AMS, check out the applications for National Membership at:
<http://www.ametsoc.org/emb/apps/index.html>

Membership in the National AMS is not required for membership in the Wright Memorial Chapter of the AMS.

*If you have any suggestions for the chapter or this newsletter, please forward them to the Secretary, Mary Bedrick
 (mary.bedrick@wpafb.af.mil)*

2/18 – tear down – 5 pm – 6 pm – Ron Rodney, Paul Gehred and Mike Abel
We will also need people to volunteer use of laptops for TechFest. We will need one laptop per shift. A monitor will be provided for use with your laptop. It will need to continuously run a PowerPoint Presentation from CD.

Please contact Mary Bedrick (mary.bedrick@wpafb.af.mil) with your preference of shifts, ideas for hands on experiments, and whether or not you can bring along a laptop.

Financials/Dues

Dues were collected at the meeting. The cost for the handouts for TechFest are estimated to be \$55.

2007 Spotter Training

For updates on the Spotter Schedule training or for additional counties and information see : <http://www.erh.noaa.gov/iln/training.htm>

2007 SPOTTER TRAINING SCHEDULE				
<u>OHIO COUNTY</u>	<u>LOCATION</u>	<u>DATE</u>	<u>TIME</u>	<u>CONTACT NAME, #</u>
Warren	Franklin Fire Dept.	2/15	630 PM	EMA, 513-695-1315
Greene	Media Room, 541 Ledbetter Rd., Xenia	2/20	630 PM	EMA, 937-562-5130, rmclain@co.greene.oh.us
Miami	County Comms Center	3/1	630 PM	EMA, 937-339-6400
Preble	Eaton Fire Division Station 1, EMS Classroom, 328 North Maple St., Eaton	3/6	630 PM	EMA, 937-456-1243, dstowe@prebco.org
Montgomery	Miami Valley Hospital, Berry Women's Pavilion	3/10	9 AM - Noon	Dayton SKYWARN
Madison	TBA	3/14	7 PM	TBA
Fayette	TBA	3/22	6 PM	TBA

Attendees

Karen Kowalewsky, President
 Mary Bedrick, Secretary
 Carl Nichols
 Jeff and Songyon Martin
 Greg Marx
 Donald and Shelly Kanipe
 Tom Walsh

Allison Schauer, Treasurer
 Jamie Jarosik
 Brian Davis
 Bonnie Lotter
 Mike Haap
 Kirk Lehneis

Future Meetings

Please keep an eye out for an e-mail on the next meeting (tentatively scheduled for 8 March 2007).

Calendar of Upcoming Events

February

17-18 February 2007 – TechFest 2007 – Sinclair Ponitz Center, Dayton OH.

<http://www.ascdayton.org/TechFest2007/Announcement.pdf>

March

8 March 2007 – AMS Meeting – 11:30. TBA

April

5 April 2007 – AMS Meeting – 6pm. TBA. Nominees for 2007-08 Wright Memorial Chapter Officers presented to membership.

May

10 May 2007 – AMS Meeting – 11:30. TBA. Election of 2007-08 Wright Memorial Chapter Officers.



Photograph of 13-14 February snow-ice storm by Karen Kowalewsky

From the National AMS

Certified Consulting Meteorologist (CCM) Program

2007 marks the 50th anniversary of the CCM Program and to mark this milestone, the National AMS has declared it "The Year of the CCM." To date, more than 600 individuals have gained the prestigious CCM designation.

A CCM is an individual who has demonstrated the highest standards of knowledge, experience and character within their specialties in the atmospheric sciences. Designed as a public service by the National AMS, the CCM Program identifies those individuals who are deemed exceptionally qualified to provide advice and guidance, whether within the public or private sectors, or to the public at large.

Forecast Contest

February Forecast Contest

There is no February Contest, please check by next month!

January 2007 Results

	T E M P		P R E S		S K Y C O V E R		F O G		P R E C I P I T		W I N D S P E E D		P R E C I P I T		A W A R D E D
ACTUAL	28		OVC		YES		CALM		SN						
Lutz	23	83	OVC	100	NO	49	10	33	SN	100	365				100
Lehneis	36	48	SCT	33	YES	100	3	100	NO	49	330				83
Bedrick	25	100	BKN	75	NO	49	17	17	NO	49	290				66
Schauer	22	66	SCT	33	NO	49	5	83	NO	49	280				48
Marx	19	25	BKN	75	NO	49	7	57	NO	49	255				33
Turnbull	19	25	SCT	33	NO	49	7	57	NO	49	213				17

AMS – Wright Memorial Chapter

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Allison.schauer@wpafb.af.mil

Web Master:
John Turnbull
John.turnbull@wpafb.af.mil

We're on the Web!

www.ametsoc.org/chapters/wrightmem/index.html

Year to Date Results

	NOV	DEC	JAN	TOTAL
Mary Bedrick	87	85	66	238
Kurt Lutz	35	100	100	235
Kirk Lehneis	100		83	183
Greg Marx	74	70	33	177
John Turnbull	55	85	17	157
Scott Hausman	55	55		110
Allison Schauer		55	48	103
Paul Gehred	22	25		47
Doug Kronk		40		40
William Nolte		25		25
Jamie Jarosik		10		10
George Schewe	9			9

Picture of the Month

Attention Shutterbugs –
More pictures wanted
for our Picture of the
Month section. Send
submissions to:
mary.bedrick@wpafb.af.
mil

AMS – Wright Memorial Chapter

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kjkowal@verizon.net

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We're on the Web!
[www.ametsoc.org/chapters/
wrightmem/index.html](http://www.ametsoc.org/chapters/wrightmem/index.html)



Photograph by Cris Janson. Ice in San Antonio, TX, 16 January 2007.