

PRESIDENT'S MESSAGE

by Steve Weiss

Over the last month or so, you may have heard about the public debate surrounding comments made by the President of Harvard University on possible reasons why women are underrepresented in science faculty positions. Although he discussed a variety of issues in that forum, his specific remarks concerning women in science triggered a very lively exchange of ideas, including some expressing support for his willingness to discuss the issue and advocating further study of the topic, and perhaps a louder outcry of complaints from the Harvard Faculty of Arts and Sciences who recently offered a vote of no confidence in their President. While I am not suggesting that NWA members should consider a similar voting procedure at this time (and as far as I know, there is no move afoot within the NWA to replicate the Harvard vote!), the situation at Harvard offers an interesting assessment of various approaches to the governance of organizations, whether they are colleges, businesses, or professional associations. For colleges and businesses, some observers have argued that the faculty or general employees should be given more control of overall organizational planning in both the short- and long-term, since these are the people who are in direct contact with the customers (students or consumers). Not surprisingly, however, others believe that the high level executives and boards of trustees have a better view of the "big picture" and they understand more completely how the various components of the organization must interact for future success to occur. Although it may prove interesting to see how the Harvard situation plays out, we do not see many situations where the "worker bees" are truly making the boardroom decisions in either corporations or universities.

We are very fortunate that in professional associations such as the NWA, it is indeed at the "worker bee" level where ideas impacting the course of the NWA not only originate, but these ideas and subsequent discussion actually help determine the direction and course of actions the association takes. Our growth, emphasis, and evolution are largely determined by our members, who have the opportunity to play as large a role as they desire through a variety of volunteer activities open to them. And through your elected Councilors and Officers, you have

a direct pipeline to address issues that you deem important for operational meteorology. Through the fine efforts of Assistant Executive Director Cynthia Nelson and Councilor Cecilia Sinclair, recent Newsletters have contained some results from our membership survey that indicate training and education, and operational application of new research and technology are among the most important issues we face today. **You can help us better address these issues through your participation in NWA sponsored conferences and meetings, and submitting news and articles to the Newsletter, Digest, and Electronic Journal.**

As members of a professional association, a welcome part of our responsibilities includes recognizing and honoring colleagues for their high levels of accomplishment. The NWA has a number of Annual Awards to accomplish this, and I urge you to go to the Awards section of the NWA Home Page (<http://www.nwas.org/award.html>), and see pages 2-3 of this newsletter, to familiarize yourself with the various categories and nomination procedures. **The deadline for receipt of award nominations, including supporting documentation, is 1 July.** Although it may appear like there is much time to follow through on this action, once the busy summer months arrive it will be easy for this deadline to slip by. So please start thinking about the many deserving individuals, groups, and agencies you interact with whose actions and contributions have promoted excellence in operational meteorology and enhanced our service to public, and **begin to exercise your responsibility in the nomination process now.**

In addition to recognizing the noteworthy contributions of our professional colleagues, **it is also important that we assist in the development and education of future leaders in operational meteorology.** As many of you know all too well, the cost of tuition, room and board at public universities over the last decade has steadily increased as states provide less and less of the operating budgets of universities, and private college expenses are considerably higher than those at public institutions. The NWA provides several college scholarships for meteorology students, including the Arthur C. Pike Scholarship, the David Sankey Minority Scholarship, and the NWA AccuWeather Undergraduate Scholarship in Meteorology. The Arthur C. Pike and David Sankey scholarships honor the memory of two NWA charter members who devoted their professional lives to

the advancement of operational meteorology through educational excellence and the promotion of cutting edge science and technology. **The applications for these two scholarships are due 15 April and the NWA AccuWeather scholarship applications are due 15 May, so please move quickly to notify deserving meteorology students of these opportunities.** Applications are on the NWA Web site and available from the NWA office.

Another opportunity for undergraduate students is the NWA METSAT Award explained in the next column.

I also encourage all of our members to inform K-12 teachers of the NWA Sol Hirsch Education Fund Grants (pg 3). These funds, donated by our members, give teachers more resources for expanding their meteorology education programs.

*Sincerely, Steve Weiss
President@nwas.org*

MEMBER NEWS

David "Rusty" Billingsley is the new Chief of the NWS Southern Region's Scientific Services Division in Fort Worth. He was previously the National Fire Weather Program Manager for the National Interagency Fire Center in Boise ID. In his new position, he will be responsible for maintaining the high level of applied meteorological science practiced at Southern Region's field offices; and, will oversee training and professional development activities, collaboration with the scientific community and the development of new techniques to apply technological advances to operational needs.

Ken Graham is the new Chief of the NWS Southern Region's Systems Operations Division in Fort Worth. He was previously the Meteorologist-in-Charge (MIC) at the NWS Birmingham AL, office. In his new position, Ken will be responsible for the operation, installation and maintenance of all operational observing and weather information systems in the Southern Region, as well as local and wide area administration networks and electronic mail. Ken has been a mainstay on the NWA Education and Membership Committees.

Jim Belles was appointed the MIC at the NWS Forecast office in Memphis TN. He was previously the MIC at the NWS Forecast office in Davenport IA and had been assigned to Memphis before as the Warning Coordinator Meteorologist.

Mike Coyne was appointed the MIC at the NWS Forecast Office in Huntsville AL, replacing **John Gordon** who became the MIC at the Louisville KY, office. Mike was the Performance and Evaluation Meteorologist at NWS Southern Region Headquarters in Fort Worth and prior to that was assigned to the Corpus Christi Forecast Office.

- NWS Southern Region

CALL FOR PAPERS - THE NWA METEOROLOGICAL SATELLITE APPLICATIONS AWARD

The Meteorological Satellite Applications Award has been established by the National Weather Association (NWA) to stimulate interest and foster the study and use of satellite remote sensing data in weather analysis and forecasting. **Undergraduate students are invited to write an original paper on meteorological satellite applications.** Themes of the papers may include original research, case studies, or a survey of applications. **The recipient of the award will receive a stipend of \$500 and be invited to present their paper at the NWA Annual Meeting.** The student must be enrolled as an undergraduate at the time the paper is written and be in good academic standing at the college or university attending. The student also must be a U.S. citizen or hold permanent resident status.

Submission of Papers: Student papers should not exceed ten (10) pages including photographs and appendices.

Candidate authors should submit:

- an original and three copies of their paper
- a letter of application with the paper title, university affiliation, and contact information including mailing address, phone, fax, and e-mail address if available
- a letter from their Department Head or other faculty member that confirms the student author was an undergraduate when the paper was written and that the student is in good academic standing at the college or university. Additionally this letter should highlight the original research or contributions the student has made to this paper.

Submissions should be sent by 15 June 2005 to:

National Weather Association
Attn: MetSat Applications Award
1697 Capri Way
Charlottesville, VA 22911-3534

Formal Announcement of the recipient of the award will be made in October 2005 at the Annual Meeting (and earlier to the individual).

Job Corner Information

The NWA posts jobs from equal opportunity employers at no cost, for the benefit of NWA members. Please see the Job section on the NWA Web site (www.nwas.org) for the complete announcements and job links. Members who do not have Internet capability may request announcements from the NWA office at (434) 296-9966. Employers should send job announcements via e-mail to NatWeaAsoc@aol.com.

NWA ANNUAL AWARDS 2005

The National Weather Association (NWA) began its annual awards program in 1977 to provide deserved recognition to those individuals involved in operational activities. The Annual Awards Program recognizes the professional as well as the volunteer. The emphasis is on the people who perform the day-to-day tasks of providing meteorological information and weather support services to the public.

Please review the award categories carefully and use the category most appropriate for the nomination being submitted.

Award Categories are:

Operational Achievement Individual Award: This award is presented to a NWA member who has made a significant contribution to operational meteorology (e.g., an accurate and timely forecast for one or more significant weather events or for long-period achievement).

Operational Achievement Group Award: This award is presented to a group of two or more individuals for a significant contribution to operational meteorology. At a minimum, a majority of the group (greater than 50%) must be NWA members.

Member of the Year Award: This award is presented to a NWA member who has made significant contributions to the organization over a period of time.

T. Theodore Fujita Research Achievement Award: This award is presented to a NWA member whose research has made a significant contribution to operational meteorology.

Walter J. Bennett Public Service Award: This award is presented to an individual or organization directly assisting the meteorological community in providing weather-related information to the public. Individuals and organizations in the meteorological profession are ineligible for this award.

Public Education Award: This award is presented to an individual or organization providing significant contributions to increase the public's weather awareness.

Broadcaster of the Year Award: This award is presented to a NWA member Radio or Television weathercaster, or other member of the broadcast media, whose activities have significantly contributed to the development and presentation of weather information to the public service. Radio and Television weathercaster candidates must be current NWA Seal of Approval holders and have had the NWA Seal of Approval for at least one year prior to being nominated for this award.

Aviation Meteorology Award: This award is presented to an individual or group to recognize significant contributions to aviation meteorology, such as impact of operational forecasts on aviation operations or advances in aviation meteorology including research in detection and forecasting of aviation hazards.

Local Chapter Award: This award is presented to a Local Chapter of the NWA whose activities have significantly increased awareness of the weather and of the NWA in their local area.

The Larry R. Johnson Special Award: This award is presented to an individual or a group to recognize unique events or extraordinary accomplishments, which significantly contributed to operational meteorology.

Submitting Nominations:

Please use the new cover sheet that can be copied from the NWA Web site at: www.nwas.org/award.html or sent via Fax from the NWA office (call: 434-296-9966), attach a narrative nomination (up to two pages in length) with no more than three supporting letters of endorsement. The nomination should be mailed by 1 July 2005 to:

**NWA Awards Committee
Mary M. Cairns, Chairperson
1697 Capri Way
Charlottesville, VA 22911-3534**

Although there is no rigid time requirement for the awards, it is preferred that the accomplishment, if not on a continuing basis, occur within 18 months prior to the nominations. Self nominations will not be accepted. If the nomination is not selected as the winner, it will remain a valid nomination for two additional years unless the nominee(s) are no longer in positions applicable to the award. The nomination may be updated by the submitter in each of those additional two years. Names of previous winners and additional award information are available on the Web site: www.nwas.org/award.html.

Presentation of the annual awards will be made at the NWA Annual Meeting, Awards Luncheon, 19 October 2005, at the Adam's Mark Hotel in Saint Louis, Missouri.

NWA - SOL HIRSCH EDUCATION FUND GRANTS

The NWA Education Committee needs help from all members, to inform teachers in grades K-12 that \$500 grants are available annually from the NWA. These grants are designed to help teachers improve their meteorology education programs. The teachers selected will be able to use the funds to take an accredited course in atmospheric sciences, attend a relevant workshop or conference, or purchase scientific materials or equipment for the classroom. Seven grants or more are possible this year, thanks to the many members who have contributed to this fund. The grants honor Sol Hirsch, who retired in 1992 after being the NWA Executive Director for 11 years.

Completed applications are due by 1 August 2005 to:

NWA Education Committee
P.O. Box 15011
Baltimore, MD 21282-5011

Application guidelines are available at Web site: www.nwas.org/solhirsch.html, or can be obtained via mail or fax by contacting the NWA office at NatWeaAsoc@aol.com or Tel/Fax: (434) 296-9966.

NWA 2004 MEMBERSHIP SURVEY RESULTS

Compiled by Cynthia A. Nelson, NWA Asst. Exec. Director

This is the fourth and last installment of the Survey results and will cover questions 5 – 9. To reiterate, by mid 2004, the total number of members responding to the 2004 NWA Survey was 1,546. This represents about 50% of the membership. The Survey questionnaire was included as part of the 2004 annual dues statement that was mailed near the end of 2003. Not all members provided responses to all of the survey questions. The format will start with the survey question (*in italics*) and be followed by the compilation of these responses, which may include a figure. The actual number of responses on a question, or part of a question, will be included in parentheses as appropriate.

5. *Are you interested in more use of the Internet such as through discussion groups (DIS GRP) _____, listservers _____, and/or other online activities? Please specify _____.*

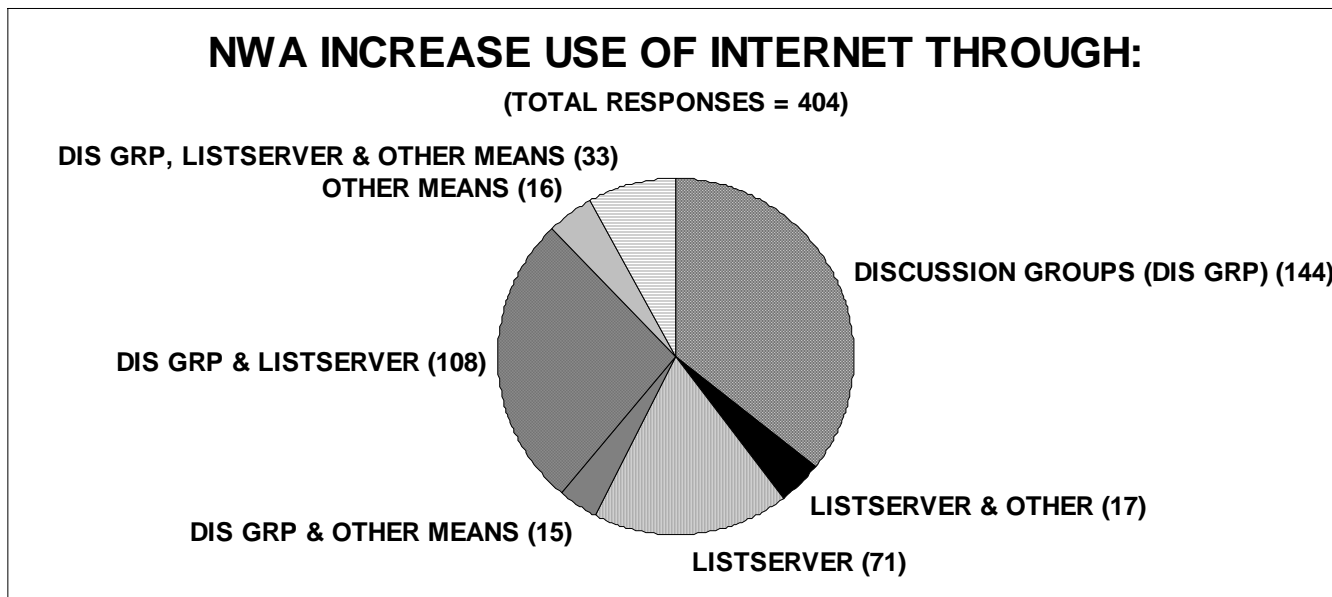


Figure 4. The majority of responding members indicated that the NWA should increase the use of Internet through the use of discussion groups along with listservers. *We were hoping for more responses to this question, but will look into these possibilities, the specifications written in, and take more member suggestions at anytime.*

6. *Your Highest Level of Education Completed: High School Associate's Bachelor's Master's Doctorate*

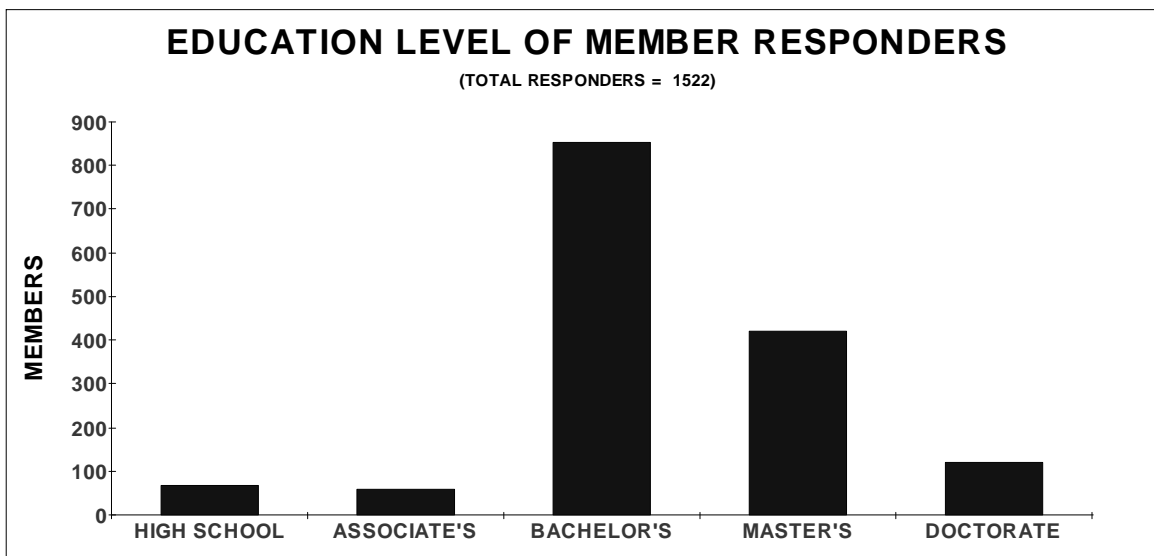


Figure 5. Education Level of the responding members, with the majority having at least a Bachelor's degree.

7. Your Age: <20 20-29 30-39 40-49 50-59 60-69 70-79 80-89 >90

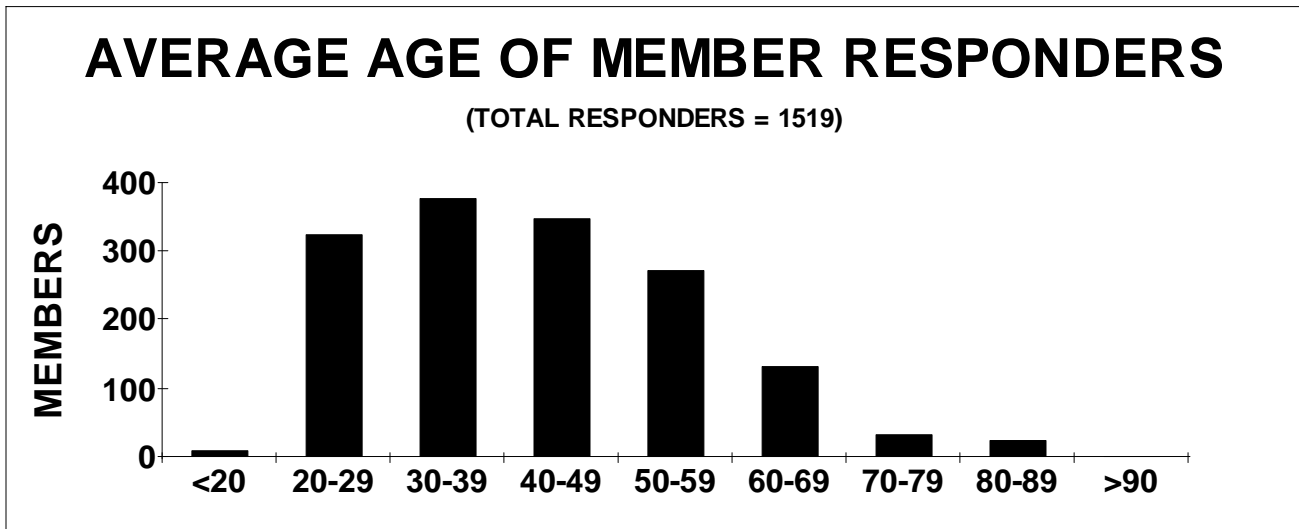


Figure 6. The average age of the members responding was well distributed between 20 and 59, with a few younger than 20 and one older than 90.

8. Your Current Primary Area(s) of Expertise: (please check three or less)

- | | | |
|------------------------------|--------------------------------------|---|
| 1__ Agricultural meteorology | 9 __ Fire weather | 17__ Research __basic __applied |
| 2__ Air quality meteorology | 10__ Hydrology | 18__ Road Weather Information Systems |
| 3__ Aviation meteorology | 11__ Lightning | 19__ Satellite meteorology |
| 4__ Broadcast meteorology | 12__ Management | 20__ Severe local storms |
| 5__ Climatology | 13__ Marketing products/ services | 21__ Student |
| 6__ Consulting | 14__ Marine/Operational Oceanography | 22__ Tropical meteorology |
| 7__ Educating/Training | 15__ Numerical Weather Prediction | 23__ Weather analysis and forecasting |
| 8__ Engineering | 16__ Radar meteorology | 24__ Other(s) (these comments are summarized on page 6) |

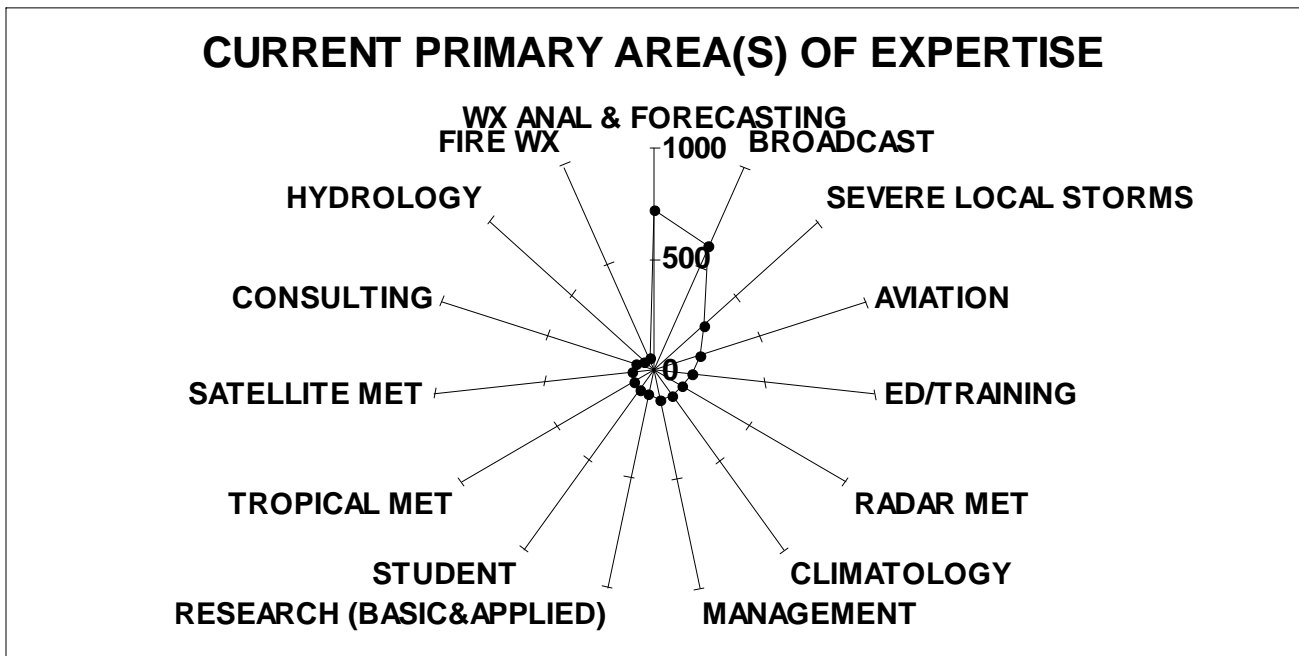


Figure 7. Most NWA member responders considered themselves experts in Weather (WX) Analysis and Forecasting with Broadcasting a close second expertise. Each chart spoke represents a specific expertise and the dash marks on each spoke show the 500 and 1000 response gradation. Each dot represents the number of entries received for that specific expertise.

The following is the summary of **Question 8-24 Other expertise**. Responses are listed in alphabetical order with the number of same or similar response listed in parentheses

75+ YRS IN WEATHER FORECASTING (1)	Military (4)
Artificial Intelligence (1)	Mountain Meteorology (1)
Biometeorology (3)	Low Cloud (1)
Communications (4)	Polar Meteorology (4)
Computer Software (12)	Quantitative Precipitation Forecasting (1)
Computer Operations (1)	Retired (17)
Coordination Activities (4)	Short Stories & Weather Forecasts (1)
Data/Observing (12)	Space (6)
Dynamics (6)	Surveillance (3)
Emergency Management (4)	Synoptic Meteorology (6)
Energy (4)	Transportation (1)
Forensic Meteorology (7)	Verification/Statistics (3)
Information Technology (6)	Weather Modification (4)
Global Warming (1)	Winter Weather (2)
Lightning (2) Mapping (3)	
Marine/Lakes (5)	

NWA 30th ANNUAL MEETING

Call for Abstracts

The National Weather Association's 30th Annual Meeting will be held at the Adam's Mark Hotel, Saint Louis, Missouri, from 15-20 October 2005.

The Annual Meeting will include:

15 October, Saturday: Training will be offered by corporate members, exhibits will set up, and the fourth annual golf outing will occur.

16 October, Sunday: WEATHER BROADCASTER WORKSHOPS -- will include special presentations, exhibits and hands-on workshops appropriate to continuing education for weathercasters, but **open to all interested**. The annual TAPE SWAP will be on Sunday evening and a portion on Saturday evening if necessary.

17 - 20 October, Monday - Thursday: ANNUAL MEETING GENERAL SESSIONS will include a mix of formal presentations, poster sessions, training workshops, and exhibits on a wide variety of topics relating to OPERATIONAL meteorology, hydrology, weather broadcasting, new research applications, and related activities.

The Annual Meeting Program Committee Co-Chairs are: **James Moore**, Saint Louis University, 3507 Laclede Ave., Saint Louis, MO 63103; moore@eas.slu.edu, and **Charles Graves**, Saint Louis University, 3507 Laclede Ave., Saint. Louis, MO 63103; graves@eas.slu.edu. The Broadcaster Workshop Program Chair is **Bryan C. Karrick**, KCCI-TV, 888 Ninth Street, Des Moines, IA 50309-1288; bkarrick@hearst.com. Contact them with your suggestions and to volunteer to help with the program.

ABSTRACT SUBMISSION: The deadline for submission of abstracts is **1 June 2005**. Abstracts may be sent via an Internet online form on the NWA Web site at: www.nwas.org/2005abstracts.html. Simply fill out the form in its entirety (you may cut-and-paste your abstract from your word processing program into the form), and click on the Submit Query button at the bottom of the form. Abstracts can also be sent via e-mail to moore@eas.slu.edu. Please write NWA Abstract in the subject box. The abstract may be included within the body of the e-mail or as a WordPerfect or Microsoft Word attachment. Please include the following information in the e-mail message: full abstract title, author(s) name(s) and affiliation(s)/address(es) designate which author(s) will be giving the presentation and whether poster or oral presentation is preferred, audio/visual requirements including software (e.g., PowerPoint, Corel, Internet access) and equipment (e.g., laptop, PC, overhead projector), and list the primary contact with their phone number and e-mail address.

If you are unable to submit your abstract via e-mail or the online form, please contact the NWA office at Tel/Fax: (434) 296-9966.

Presenters will be notified regarding the disposition of their abstracts by 15 August 2005. Prior to the meeting an FTP site will be established for authors to upload their presentations so that they can be run on NWA computers. This will facilitate a smooth transition from one speaker to the next during the Annual Meeting sessions.

ANNUAL MEETING HOTEL INFORMATION:

The Adam's Mark Hotel is at 4th and Chestnut Streets, Saint Louis, Missouri 63102. It is a full-service hotel and just across the street from the Gateway Arch. The NWA discount room rates are \$99 plus tax for a single, double, triple or quad room. The discount rate will be honored three days before Group arrival through three days after Group departure.

To reserve a room, please call the Adam's Mark Hotel at 1-800-444-2326 and request the group rate for National Weather Association. **Please reserve your hotel room NO LATER THAN 15 September 2005 to be able to obtain the NWA discount rate.** More hotel information is on Web site: www.adamsmark.com/stlouis/index.asp.

Thanks to Betsy Kling, the Fourth Annual Golf Outing is being scheduled for Saturday, 15 October to benefit the NWA Scholarship Fund.

The NWA Annual Awards Luncheon will be at the Adam's Mark Hotel on Wednesday, 19 October.

The preliminary agenda will be published in early August. Registration information and forms will be available on the Web site and Newsletter by June. For more information on exhibits, special accommodations, and the overall meeting program, please contact the NWA office at Tel/FAX: (434) 296-9966 or e-mail: NatWeaAsoc@aol.com.

BROADCAST COMMITTEE NEWS

Giving Back...

I have been attending weather conferences for more than a decade, and even in that short period, times have really changed. I started going to NWA Annual Meetings in the early 1990s in order to recertify my NWA Seal, but I enjoyed it so much, I attended nearly every meeting since.

Back in the early 90s, there were limited options available for continuing education – the NWA and AMS annual conferences and some local, poorly advertised, severe storms and winter weather seminars. Since then, new conferences, meetings and symposiums have popped up around the country, and I love it! Many of the new meetings are at universities that teach meteorology and they are a huge benefit to students and professionals alike. The education is invaluable, and the meetings are great social gatherings too, but the title of this article is “Giving Back”, so let me turn the tables a bit here.

Last year I gave a weather presentation at the Great Lakes Meteorology Conference in Valparaiso, Indiana. The Northwest Indiana chapter of the NWA founded at Valparaiso University – my alma mater – sponsors the conference. It was an honor to present there, but it marked a significant change in my life. For most of the past decade, I attended weather conferences and sat quietly in the audience listening to the speakers. I enjoyed the education, but was always in awe of the many experts presenting their material. As time passed, and because of my regular attendance at these meetings, my involvement in the NWA increased. I first spent a number of years on the Seal Evaluation Panel and eventually worked up to Broadcast Committee Chairman. Suddenly – and I don't know when it happened – people started looking at me as some sort of expert or important person. I don't feel any different, and I am certainly no brilliant scientist doing meteorological studies. However, I have something to offer that a lot of others don't, over 19 years of experience in broadcasting and an intimate knowledge of the NWA. People also know me because of these articles, which I enjoy writing and I can't thank all of you enough for the great feedback. Therefore, instead of being that guy in the crowd who sits quietly and learns, I have changed roles and have become one of the teachers. Trust me it's an unusual feeling. In early March, I had the pleasure of speaking at the Fourth Annual Southeast Severe Storms Symposium at Mississippi State University. For the first time they added a Broadcasters Workshop and I was the keynote speaker. It was a great time and the students at MSU are wonderful. I'll also attend and brief at the Severe Storms conference in Des Moines on behalf of the NWA. That has always been one of my favorite meetings.

Many of you have more to offer than you know, and your knowledge could be very valuable to others in meteorology and broadcasting. If you're comfortable speaking to groups, can deliver an informative and fun

presentation, and feel you have a unique topic that would benefit the weather community, don't hesitate to contact the folks organizing the many meetings around the country. They are always looking for speakers, and maybe you will have that same strange awakening that I did when you go from being a conference attendee to a conference presenter. One of the best ways for me to describe it is the feeling you get the day you wake up and realize that instead of depending on your parents, you have become one. As a father of three boys, I can tell you that it's amazing. Instead of being led, you're a leader. We all have something to give back, and it's up to you to decide the best way to do it. I hope to hear you speaking at a conference soon.

For those interested, Bryan Karrick (bkarrick@hearst.com) is the person arranging speakers for the Broadcasters' Workshop at the NWA Annual Meeting in St. Louis this fall.

Send your thoughts to me at rapuzzo@fuse.net

- Rich Apuzzo, Broadcast Meteorology Committee Chair

MEETINGS OF INTEREST

• **AIR-MASS 2005 Mid-America Storm Symposium will be held 14 – 15 April 2005 in Wichita, Kansas.** The Wichita AMS & NWA Chapter sponsors it. The conference will be held at the historic Radisson Broadview Hotel. In addition to the science-sharing presentations, a couple of special events are planned including a commemoration of the 50th anniversary of the Udall, Kansas, tornado. For more details, see Web site: wichita-amsnwa.org/index.php.

• **The Ninth Annual Ohio Severe Weather Symposium will be held on 15 April 2005 at the Fawcett Center Auditorium on the Ohio State University (OSU) campus in Columbus, Ohio.** It is hosted by The OSU Department of Geography, in conjunction with the National Weather Service Forecast Office and Ohio River Forecast Center in Wilmington, Ohio. It will run from 8 AM - 4 PM, and will feature speakers that deal with various aspects of meteorology, especially those related to severe weather. Speakers expected include Dr. Louis Uccellini (Director of NOAA/NWS/National Centers for Environmental Prediction), Dr. Josh Wurman (Center for Severe Weather Research), Dan McCarthy, Dr. Harold Brooks and Tim Vasquez. Tim will hold the first-ever *Forecast School* at this year's symposium. An up-to-date listing of speakers, the schedule of events, and directions to the Fawcett Center can be found on Web site: geog-www.sbs.ohio-state.edu/metclub. The event is free and open to the public. Those interested in attending can RSVP with their name, affiliation, address, phone number and e-mail address to: jrb_storm@yahoo.com.

• **21st Conference on Weather Analysis and Forecasting & 17th Conference on Numerical Weather Prediction**, sponsored by the American Meteorological Society, and organized by the AMS Committee on Weather Analysis and Forecasting will be held **1-5 August 2005, at the Omni Shoreham Hotel in Washington, D.C.** Information is posted on the AMS Web site (www.ametsoc.org/AMS). The NWA is a cosponsor.

• **Ninth Annual High Plains Conference will be held 5-7 October 2005.** The High Plains AMS/NWA Chapter sponsors it. Watch for details on Web site: www.highplains-amsnwa.org/

LIGHTNING SAFETY AWARENESS

A Reminder for the Spring severe weather season --
The National Weather Association Council approved this policy statement on lightning safety education in May 2003 and again requests the support of NWA members in implementing it.

Lightning is an underrated weather hazard. It is the second leading cause of storm-related deaths in the U.S., exceeded only by floods. In an average year, lightning kills more people in the United States than tornadoes or hurricanes. Of the estimated 1,000 people who are struck by lightning each year in the U.S, only 10% are killed, but survivors may suffer life-long disabilities.

The majority of lightning casualties (deaths and injuries) are preventable. Therefore, all NWA members are encouraged to proactively educate the public on the threat of lightning and on lightning safety. Radio and Television weathercasters and teachers, with their access to large segments of the public, can be especially effective in this effort. By increasing efforts to educate the public about the dangers of lightning, NWA members could substantially decrease the number of lightning casualties.

Safety information is posted on the NWA Lightning Web site page: www.nwas.org/links/lightning.html to assist members in lightning safety education activities. Although it would be optimal to include lightning safety information any time thunderstorms are predicted, "Lightning Safety Awareness Week," started by NOAA's National Weather Service and its partnering organizations in the year 2000, occurs during the last full week in June each year and is a good time to stress lightning safety education. Lightning safety education is easy, can be highly effective, costs little, and may make the greatest impact in decreasing weather-related deaths and injuries.

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Submit newsletter items directly to: Editor NWA Newsletter, at nwanewsletter@nwas.org or to the NWA office. Material received by the 5th will be considered for that month's issue. If submissions are not received, the Newsletter may be delayed.

Members receive the monthly NWA Newsletter and *National Weather Digest* as part of their regular, student or corporate membership privileges. Newsletter subscriptions are available at \$18.00 per year plus extra shipping costs outside USA. Single copies are \$1.50.

Contact the NWA Executive Director's office (listed above) with **address changes** by phone, regular mail or e-mail.

IMPORTANT DATES AND EVENTS

14 – 15 April – AIR-MASS 2005 Wichita, Kansas

15 April – Ninth Annual Ohio Severe Weather Symposium
OSU Campus, Columbus, Ohio

15 April – Pike and Sankey NWA Scholarship applications due
to NWA Office (see Jan Newsletter or Web site)

15 May – NWA AccuWeather Undergraduate Scholarship
applications due (Feb Newsletter or Web Site)

1 June – Abstracts due for NWA Annual Meeting (pg 6)

15 June – NWA METSAT Award Applications due (pg 2)

19 – 25 June – Lightning Safety Awareness Week (pg 8)

1 July – NWA Annual Awards nominations due (pg 3)

15-20 October – NWA Annual Meeting, Saint Louis (pg 6)

Please see **MEETINGS** on page 7 for additional dates

Also check Web site: www.nwas.org/meetings/meetings.html

NATIONAL WEATHER ASSOCIATION

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Meteorology and Related Activities for 30 Years*