

## PRESIDENT'S MESSAGE

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*by Steve Weiss*

Over the past two months it has been great to see Teacher of the Year Awards being publicized in many newspapers. A friend mentioned that it seemed odd that none of the teachers in his child's school won any awards. Looking into the reasons why, we found that none of those teachers had been nominated. This is a common finding with all award programs – ***You have to be nominated to win an award!***

On or about 1 July, the NWA Annual Awards Committee hopes to be flooded with nominations in all categories. The nominating procedures are on page 3 herein and on the NWA Web site ([www.nwas.org](http://www.nwas.org)). **Please help spread the awards notice and consider writing a nomination.** A person or group that wins brings credit to themselves and to their entire office or organization – and to their users who are looking for their weather service provider(s) to be the best-of-the-best.

Another committee that hopes to be flooded with submissions even sooner is the NWA Annual Meeting Program Committee. **If you haven't submitted an abstract yet, please send it in** even if you are not 100% certain you will be able to attend. If the 1 June closing date for abstracts has passed, send in your abstract anyway. The Program Committee may be looking for that one abstract to complete a good session agenda. The NWA Annual Meeting rules do not require a completed paper. Many of the abstracts that come in relate to ongoing studies. Those authors are interested in sharing their preliminary results, exciting discussion and obtaining suggestions on how to better their studies.

If you are planning on attending the NWA's 30th Annual Meeting, the preregistration forms will be out in the next newsletter and on the Web site. The invitation to corporate members and others to exhibit products and services will go out in June. The preliminary agenda will be in the August Newsletter and on the Web site. If you are hoping the Annual Meeting will have information on a particular subject, send a query to the Program Committee or the NWA office. It will help them in designing the agenda.

While finalizing this newsletter, we heard of a tragedy in Chile where a blizzard high up in the Andes Mountains may have left as much as six feet of snow and trapped many soldiers on a training exercise. This brought to mind a number of smaller problems with snow forecasting noted in the press this past winter season in the United States. I believe most if not all operational forecasters know the difficulties in being able to forecast snowfall amounts. Poets can glamorize a snowfall by calling it, "a beautiful blanket of snow." However, using a measuring stick or even our observant eyes, we know that most of the blankets when looked at closely are very irregular with drifts, mounds, and undulating patterns. Add in varying topography, land-water differences, buildings and a variety of surfaces (grass, sand, asphalt) and snowfall forecasting even the representative measurements of snowfall become much more difficult.

In preparation for next winter season, it would be great to hear from weathercasters and other operational forecasters on what they have determined to work best (or worst) in informing customers and the general public of expected amounts when snowstorms are threatening.

While many members were advertising Hurricane Awareness Week, 15-21 May, and wondering when and where Arlene might be born, Hurricane Adrian popped up in the Eastern Pacific and moved over El Salvador. So the season for briefing Hurricanes has begun. In helping to prepare for the season, we heard of some forecasters taking an assessment of their coverage areas to determine vulnerability. There are still areas in Florida and elsewhere where cleanup and reconstruction from last year's storms are still going on. Citizens in those areas will no doubt appreciate being advised of any weather changes.

Please remember, our *Newsletter*, *Digest* and *Electronic Journal* editors would appreciate any and all submissions related to improvements in operational meteorology and in customer support.

**Hope to see many of you in Saint Louis at the NWA's 30th Annual Meeting, 15-20 October 2005!**

- S. Weiss

## BROADCAST COMMITTEE NEWS

### Recertifying your NWA Seal...

I know that the NWA Seal of Approval program does not affect many of you, but all of you can be part of this discussion. There are a number of challenges facing the National Weather Association and broadcasters, and we in the Broadcast Committee are in the midst of a very complicated dialogue over how to handle certain items as we head into the future. We need your feedback to make informed decisions since you (the NWA members) are the reason we're here.

Okay, that was vague, so here are some specifics. For those of you who don't know, once weathercasters earn the NWA Seal they must renew the Seal every 3 years through a program of Recertification. Recertification requires continuing education in the field of meteorology and related fields with the hope that we will apply what we learn in our daily broadcast – the result being well-educated, top notch on-air meteorologists. The Seal procedures are on the NWA Web site at <http://www.nwas.org/seal-proc.html>. In the past, the easiest and best way to recertify was by attending one NWA Annual Meeting in a three-year period. The reason that was the “easiest” way is because there were very few options for continuing education. The reason that was the “best” way is because the first day of the Annual Meeting focuses on broadcasters. Therefore, you received meteorological education and tied it into broadcasting all at one conference.

In the past 10 years numerous additional meetings, seminars, conferences and symposiums have popped up around the nation, many of them also sharing a focus between broadcasting and meteorology. Just this past January, the Mississippi State University NWA chapter added a broadcast session to its three-day meeting. The Central Iowa NWA Chapter's Severe Storms and Doppler Radar conference mixes numerous discussions of on-air severe weather and radar analysis within its excellent meteorological program each year. I have also just learned of another well-rounded program called AIRMASS, sponsored by the AMS/NWA Chapter in Wichita, Kansas.

All these new conferences are wonderful, and the opportunities to learn are expanding each year, but here is the problem. We have two serious issues to face in recertification. First, conferences vary in the quality and number of meteorological presentations. If it's only a one-day deal, or two days that are only 4 or 5 hours long, we really can't give it the weight that we would for a 3 or 5-day meeting that takes place from 8 AM to 5 PM each day. The Broadcast Committee can't attend each meeting, so we will need honest feedback from you as to the value of the many meetings held each year. Secondly, outside of the NWA Annual Meeting, it's not easy to know whether or not the sealholder actually attended all or most of the seminars at a given conference.

There are actually two additional issues to confront. With declining broadcast and personal budgets, fewer meteorologists can get out to weather conferences each year, and some have trouble doing it once in three years. Furthermore, with more conferences, you reduce the number of attendees at any one meeting, so the national organizations and older meetings are seeing fewer attendees as new, cheaper, closer and smaller meetings crop up around the country (and internationally if you count the Bahamas Conference). Just like having too many restaurants in one strip mall, at some point we will see some meetings disappear because of declining attendance. There has been a significant increase in the number of students majoring in meteorology, but as in any cycle, the pendulum will swing the other way...and I predict that we will see declining numbers of future meteorologists within the next ten years, but I will explain that thinking in another article. As a point of comparison, do you remember all the TV stations starting newscasts during the 80s and 90s? In recent years, many colleagues have lost their jobs as newscasts shut down, and we'll have many more operations closing their doors in the next 5 years.

So my friends, I am asking you for input on how to address the challenges of recertification and continuing education. There are no perfect answers, and the Broadcast Committee as well as the Subcommittee on Standards and Ethics will be discussing these issues for the rest of the summer, hoping to have some resolution by October at the Annual Meeting in St. Louis. Life is fun, isn't it?

Send your thoughts to me at [rapuzzo@fuse.net](mailto:rapuzzo@fuse.net).

- Rich Apuzzo, Broadcast Meteorology Committee Chair

### **NWA - SOL HIRSCH EDUCATION FUND GRANTS FOR K-12 TEACHERS**

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](http://www.nwas.org/solhirsch.html), or can be obtained via mail or fax by contacting the NWA office at [NatWeaAsoc@aol.com](mailto:NatWeaAsoc@aol.com) or Tel/Fax: (434) 296-9966.

# NWA ANNUAL AWARDS 2005

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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](http://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 up to three supporting letters of endorsement and five pages of supporting documentation. 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 NWA Web site: [www.nwas.org/award.html](http://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 COUNCIL MEETING**

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The NWA Council members will meet in Oklahoma City, 10-12 June 2005 for the midyear business meeting. This is an open meeting as all Council meetings are. Comments of concern, questions and/or suggestions from NWA members for the Council to discuss at that meeting should be sent to [President@nwas.org](mailto:President@nwas.org) by 8 June 2005.

Publications committee is looking for  
**ideas for new designs**  
for the Newsletter and *Digest*.

If you have any, please e-mail them in to  
[natweasoc@aol.com](mailto:natweasoc@aol.com)

# COMMITTEE CORNER

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## **Remote Sensing Committee**

### **Preview of NPOESS Capability and User Training**

The National Polar-orbiting Operational Environmental Satellite System (NPOESS) will start operations near the end of the decade, and by 2007, the NPOESS Preparatory Project will have many of the NPOESS instruments operating in demonstration mode. NPOESS will replace the current polar-orbiting systems, the Defense Meteorological Satellite Program (DMSP) and NOAA programs. Fortunately, several current research sensors can simulate the capabilities of the NPOESS sensors, so users can get a preview.

The Naval Research Laboratory has developed a "NexSat" Web application to display many of the simulated NPOESS products in near-real-time using current polar orbiter data streams:

**[www.nrlmry.navy.mil/nexsat\\_pages/nexsat\\_home.html](http://www.nrlmry.navy.mil/nexsat_pages/nexsat_home.html)**

In particular, NexSat has a variety of close-up views from the Moderate Resolution Imaging Spectroradiometer (MODIS), a visible and infrared sensor flying on the NASA Aqua and Terra satellites. The images and products on the page cover the Continental United States in detail, appearing typically about two hours after overpass time. The Web site, complete with detailed training tutorials on the new products, can support forecasting efforts requiring close observation of detail, such as snow cover, fires, dust storms, topographic forcing of clouds, agricultural meteorology, low clouds at night, and cloud height/properties. It has the first near-real-time display of nighttime visible images from the DMSP satellite available to non-military users. Other products include display of real-time lightning data from the National Lightning Detection Network overlaid on GOES images, and rain rate images from a variety of passive microwave sensing instruments.

Newly-completed Cooperative Meteorological Education and Training (COMET) modules give valuable additional assistance on the products shown on the NexSat site and on NPOESS in general. The first features NPOESS Integrated Program Office Director, John Cunningham, giving a NPOESS overview:

**<http://meted.ucar.edu/npoess/cunningham/>**

The second is an introduction to the Visible Infrared Imager Radiometer Suite (VIIRS) that will fly on NPOESS:

**<http://meted.ucar.edu/npoess/viirs/index.htm>**

Please contact Thomas Lee from the Naval Research Laboratory for more details, [lee@nrlmry.navy.mil](mailto:lee@nrlmry.navy.mil)

- Thomas Lee, Remote Sensing Committee

## **Aviation Weather Committee**

Improved weather education for pilots is one of our Committee's goals. To reach this objective **we have developed an interactive tutorial titled: *Weather Theory for Pilots***. We envision putting this material on the Web and/or making it available on CD. We had an opportunity to demonstrate the program at the NWA Annual Meeting in Portland.

As a direct result of pilot comments, the latest update includes further explanation of the differences between vertical motion and stability. The altimetry section was removed from the Aircraft Performance module, expanded, and made into a separate unit.

From 9-12 March, Terry Lankford conducted four presentations at FAA sponsored safety seminars in California. The seminars were held 9 March in Oakland, 10-11 March in Palo Alto and 12 March in Livermore. Over 200 pilots attended these meetings.

We have been overwhelmed by the enthusiastic and positive response to the program, which included numerous individual requests for the material. Additionally, we received many constructive comments and suggestions, which was a major objective of the seminars. These comments and suggestions are currently being incorporated into the tutorial. We estimate revisions will take several months. Many requests were received for additional material; specifically satellite and radar interpretation. We hope to incorporate these and other related subjects into the program.

We hope to have a completed package available for review at the NWA Annual Meeting in October.

- Terry Lankford & Tim Oram, Aviation Weather Committee

## **"RED TIDES" FORECAST**

Blooms of the harmful alga *Karenia brevis* (so-called "red tides"), which cause shellfishery closures, fish kills, marine mammal deaths, and economic losses, and adversely affect human health through neurotoxic shellfish poisoning, do not respect international boundaries.

Due to severe blooms in 2000, 2001 and 2002 in waters off Mexico and Texas, NOAA/NOS' National Centers for Coastal Ocean Science has been collaborating with counterparts in Mexico to understand conditions that initiate and transport blooms in the western Gulf of Mexico (GOM), and to better protect human health. The Harmful Algal Bloom (HAB) Forecast, currently distributed by the NOS Center for Operational Oceanographic Products and Services for the eastern GOM ([www.csc.noaa.gov/crs/habf](http://www.csc.noaa.gov/crs/habf)), is scheduled to begin late this fiscal year for the western GOM, including Mexico. The HAB forecasts rely on NOAA marine weather observations and forecast guidance from NWS/NCEP's North American Mesoscale (NAM) model.

- John G.W. Kelley, National Ocean Service

## LOCAL CHAPTER NEWS

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### Three Rivers Chapter

The Three Rivers Chapter of the NWA had an active fall and winter season with many activities.

On 1 December 2004, Dave Ondrejik, the Warning Coordinator Meteorologist from the NWS State College office, was the featured speaker of our Chapter meeting. Ondrejik performed a damage assessment survey in the aftermath of the 13 July 2004, Campbelltown, PA, tornado. He presented some of his findings along with numerous pictures that depicted the damage. Campbelltown is located about 16 miles east of Harrisburg, Lebanon County. For a full description of the event, please see Web site: [www.cup.edu/whats happening/journal/2005/011705.pdf](http://www.cup.edu/whats happening/journal/2005/011705.pdf).

Seven undergraduates from the NWA Chapter attended the 85th Annual AMS conference and presented their experiences at our first February meeting in 2005. Additionally, at this meeting, our student members unveiled the new Web page design (<http://sai.cup.edu/weather>) highlighting our chapter activities and program initiatives with California University. Preparations continue for the 2005 Storm Intercept course which we will initiate in the second half of May. The course involves student members traveling across the High Plains in search of convective activity in order to test their forecasting skills.

Other events which have occurred, or are planned, include an outing to a Pittsburgh Pirates game in mid-April, a movie night on campus of California University, and a senior banquet in May to celebrate our collective achievements in the past year. Outreach events have included a visit from Charleroi High School (PA) students for an atmospheric sciences workshop presented by our student chapter members. Students also visited the school in early April in an ongoing effort to establish pre-college relationships to the NWA in our local region.

The highlight of the spring was a visit from Dr. Charles Doswell at a special meeting of the Three Rivers Chapter on 8 April 2005. He was on the campus of California University to deliver a talk enlightening members on his extensive career in severe weather research and storm interception. The Chapter sponsored a formal, catered dinner following Dr. Doswell's talk for all attendees.

A week after Dr. Doswell's talk, a group of students from our Chapter headed west to attend the Ohio State University Ohio Severe Weather Symposium. Fundraising efforts from the fall enabled the Chapter to subsidize this trip so members could attend free of charge. Finally, planning continues for the **Fifth Annual Symposium of the Atmospheric Sciences** to be hosted at the 'Four Points' Sheraton (Greensburg, PA) in a joint meeting with the Pennsylvania Geographic Society

**28-29 October 2005.** For further information on Chapter activities and/or participation in our Symposium this fall, please contact Chad Kauffman ([Kauffman@cup.edu](mailto:Kauffman@cup.edu)). For specific details of abstract submission to the Symposium, please contact Dr. Swarndeeep Gill ([gill@cup.edu](mailto:gill@cup.edu)).

The Three Rivers Chapter meets bi-weekly on Thursdays at 11 AM on the campus of California University of Pennsylvania in the Eberly Science & Technology Center.

- *Dr. Chad Kaufman, Assistant Professor*

### Arkansas Chapter

The first Chapter meeting of 2005 was held on 16 February. The meeting convened at the National Weather Service Forecast Office in North Little Rock with 21 members and guests present.

The program for the evening was provided by Chapter member Scott Blair. Scott is majoring in meteorology at the University of Louisiana/Monroe. In the past eight years, he has observed 72 tornadoes and three hurricanes across 13 states. His presentation focused on some of the most significant tornadic events across the Great Plains during 2004. Dramatic video provided an intense look at successful storm intercepts during the spring season. The presentation highlights included close proximity tornado views near Albany, MO, Jamestown, KS, Big Springs, NE, and Mulvane, KS.

The second Chapter meeting of 2005 was held on 24 March. The meeting was held at the KARK-TV studios in downtown Little Rock. Twelve members and guests attended.

The program for the evening was a studio tour hosted by KARK-TV Chief Meteorologist Brett Cummins and KARK-TV Meteorologist Dan Skoff. Brett and Dan provided the group with an in-depth look at how their station prepares and presents weathercasts. The station uses state of the art equipment and graphics to provide routine and severe weather information to its viewers.

The tour also included a look at the Control Room, News Room and Production Areas

- *Newton Skiles, Corresponding Secretary*

### Kean University Chapter

The Chapter has elected officers for their 2005/2006 year. The officers are President Greg Petridis, Vice President Kari Whitehurst, Treasurer Mike Szczepanski, and Secretary Natalie Amores.

Chapter members have been working to install a roof-top weather station at the University and handling public relations activities for a SKYWARN Training Session in Union County.

At their 13 April meeting, Dr. Yoh gave a presentation on the Weather Research and Forecasting (WRF) Model that he has been working on. Information on this model can be found at <http://hurri.kean.edu/nwpmode>.

- *Belkys Melendez, Vice President*

*Local Chapter news continues on page 6.*

## Lyndon State College Chapter

The Chapter held a general business meeting on 20 April to elect the Executive Board Officers for 2005-2006. The new officers are President Sean Parker, Vice President Andrew Little, Treasurer John Miodszweski, Secretary Jon Cunningham, Public Relations Officer Ryan Low, and Community Outreach Officer Jim Politis.

The 30th Annual Northeastern Storm Conference, 18-20 March, organized and sponsored by the Chapter was another great success. Over 320 people attended and 31 presentations were given. Links to pictures and presentations can be found on the Chapter Web site at <http://apollo.lsc.vsc.edu/ams/index.html>.

- Joshua Webber, Secretary

## 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).

## MEMBER NEWS

**Dennis McCarthy**, a NWA charter member and a NOAA National Weather Service (NWS) veteran with a career spanning 30 years, has been appointed Director of the Office of Climate, Water and Weather Services (OCWWS) at NWS Headquarters in Silver Spring, MD.

As OCWWS Director, Dennis will oversee the office's mission to sustain and enhance the climate, water and weather services of the NWS; to establish operational requirements; to evaluate customer satisfaction; and to train the workforce.

Dennis was previously the Regional Director for the NWS Central Region headquartered in Kansas City.

- NOAA Public Affairs

**Carianne Carstater**, a student member from the California University of Pennsylvania was among the ten top student forecasters who won the Red Bull's *Project Swell*. According to Ellie Applen of Red Bull, "Red Bull's *Project Swell* challenged college students' surf knowledge, meteorology skills and passion for the sea in a real world situation – forecasting for the New York and North Carolina Red Bull Ice Break Qualifiers, an "on call" winter surf event that seeks out the Northeast's strongest surfers and pits them against the winter elements. This year's contest had five qualifiers along the East Coast and ultimately a final event held in Nova Scotia on 1 April 2005. Temperamental weather and sub-zero conditions made forecasting for this event a challenge to even the most seasoned meteorologists. Over fifty students from up and down the East Coast submitted their forecasts online every four days for over two months and had their predictions scored by the experts at Surfline.com based on the day's actual conditions. The students forecasted the surf height, wind strength, and ultimately whether or not the event was a "Go" for specified surf breaks on the East Coast. Now that the scores have been tabulated, the top ten students are:

Daniel Curran – Harvard University  
Robert Hiensch – Middlebury College  
Graham Hunley – University of Florida  
Guy Nester – California University of PA  
Carianne Carstater – California University of PA  
Tommy Van Horn – Florida State University  
Kevin Maloney – Florida State University  
Tammie "Ocean" Priselac – Cape Fear Community Col.  
Matthew Porcelli – The Pennsylvania State University  
Dennis Murphy – SUNY Stonybrook

These students have been invited to attend a Surfology™ practicum 10-15 June in Hatteras, North Carolina. At the practicum, students will learn about weather and wave forecasting from Mark Willis and Adam Wright of Surfline.com."

# NWA 30th ANNUAL MEETING

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## *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](http://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](http://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](mailto:NatWeaAsoc@aol.com).

## **MEETINGS OF INTEREST**

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- **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](http://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/](http://www.highplains-amsnwa.org/).
- **The Second Midwest Extreme and Hazardous Weather Regional Conference will be held in Champaign, IL on 13-15 October 2005.** The Central Illinois Chapter of the American Meteorological Society sponsors it. The Midwest region of the U.S. (Illinois, Indiana, Kentucky, Ohio, Michigan, Wisconsin, Iowa, Missouri, and Minnesota) experiences a particularly wide range of severe weather conditions throughout the year. This conference offers an opportunity for forecasters, researchers, media, public officials, and the public to exchange critical information on these important weather phenomena.

Talks are solicited on Midwest severe thunderstorms, tornadoes, flash flooding, snowstorms, ice storms, lake-effect snowstorms, lake-breeze storms, heat and cold waves. The first conference in October 2003 had more than 150 participants. Invited featured speakers at the conference will include winter weather expert Dr. Paul Kocin from the Weather Channel, convective storm expert Dr. Morris Weisman from NCAR, and storm damage expert Tim Marshall, P.E. A call for papers will be issued in spring 2005 and will be posted on the CAIMS conference Web page [www.c-il-ams.org](http://www.c-il-ams.org). Please contact Conference Chair Steve Hilberg for additional information (email:[conference@c-il-ams.org](mailto:conference@c-il-ams.org)).

• **The Fifth Annual Symposium of the Atmospheric Sciences will be held on the 28-29 October 2005 at the Four Points Sheraton in Greensburg, PA.** The Three Rivers Chapter of the NWA sponsors it. For further information or to participate, please contact Chad Kauffman ([Kauffman@cup.edu](mailto:Kauffman@cup.edu)). For specific details on submitting abstracts, contact Dr. Swarndeeep Gill ([gill@cup.edu](mailto:gill@cup.edu)).

### **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](http://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](mailto:NatWeaAsoc@aol.com).*

### **NWA Newsletter (ISSN 0271-1044)**

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1697 Capri Way, Charlottesville, VA (USA) 22911-3534

Tel/FAX: (434) 296-9966; e-mail: [NatWeaAsoc@aol.com](mailto:NatWeaAsoc@aol.com)

Web site: [www.nwas.org](http://www.nwas.org)

**Submit newsletter items directly to:** Editor NWA Newsletter, at [nwanewsletter@nwas.org](mailto: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**

**1 June** – Abstracts due for NWA Annual Meeting (pg 7)

**15 June** – NWA METSAT Award Applications due (pg 6)

**19 – 25 June** – Lightning Safety Awareness Week

[www.nwas.org/links/lightning.html](http://www.nwas.org/links/lightning.html)

**21 June** – Summer Begins at 2:46 a.m. EDT

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

**15-20 October** – NWA Annual Meeting, Saint Louis (pg 7)

Please see **MEETINGS** on pages 7-8 for additional dates

Also check Web site: [www.nwas.org/meetings/meetings.html](http://www.nwas.org/meetings/meetings.html)

## **NATIONAL WEATHER ASSOCIATION**

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