

# The CSRA Chemist

Savannah River Section  
of the

American Chemical Society

Vol. 46



No. 3

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Join Us -- Tuesday, October 21, 2003 to  
Celebrate National Chemistry Week

"Climate Change, Hurricanes, and Other Atmospheric Phenomena". I will try to put climate change in perspective and I will talk about hurricanes in a non-technical way. -- Allen H. Weber, Ph.D. Meteorologist

Place: Tower in Washington Hall on the Augusta State University Campus

Time: 6:30 Social,  
7:00 Dinner Buffet -- \$15.00 [students less]  
8:00 Speaker - Allen H. Weber

Note: This should be a good meeting for anyone interested in science.  
Bring a friend, companion, wife, or student.

Please make a reservation by October 20. Call Glenda Blystone, 725-2605

# Up Coming Events --

- October 11, - USC Aiken, Science Education Enrichment Day  
October 19-25, - National Chemistry Week, "Earth's Atmosphere and Beyond!"  
October 21, - Section Meeting - Dr. Alan Weber, "SRS Atmospheric Technologies", AGS, Washington Hall Tower  
October 23, - Augusta State College presents "WOW that's Chemistry", Maxwell Theater
- November 14, - Section Meeting - Awards, Wine Tasting, Newberry Hall, Aiken, SC
- November 16-19, - SERMACS, Atlanta, GA

## Section Contacts - 2003

Position	Name	Email	Work Phone
Chair	Tom White	thomas02.white@srs.gov	(803) 725-1963
Chair Elect	Charles Crawford	charles.crawford@srs.gov	(803) 725-8049
Immediate Past Chair	Steve Serkiz	steven.serkiz@srs.gov	(803) 725-5422
Treasurer	Eric Zuckerman	ezuckerman@aug.edu	(706) 667-4513
Secretary	Linda Baker	linda.baker@srs.gov	(803) 952-4272
Councilor	Chris Bannochie	bmerup@mindspring.com	(803) 725-8088
Alt. Councilor	Stephanie Myers	smyers@aug.edu	(706) 667-4514
Career Development	Tom Crute	tcrute@aug.edu	(706) 667-4517
Membership	Robert Lascola	robert.lascola@srs.gov	(803) 725-2380
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Olympiad Co-chair	Monty Fetterolf	montyf@aiken.sc.edu	(803) 648-6851
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National Chem. Week	Bill Trammell	w.trammell@att.net	(706)854-0090
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WEBSITE: <http://acs-sr.home.mindspring.com>

## Vita

Allen H. Weber

Birthplace: Lorenzo, Idaho

Citizenship: U.S.

### EDUCATION

Ph. D./Meteorology  
1966

University of Utah

### Professional Experience

Assistant Professor: Oklahoma University, 1966-1969

Associate Professor: North Carolina State University, 1969-1977

Meteorologist: Savannah River Technology Center, 1977-present

Dr. Weber works in the Atmospheric Technologies Group at the Savannah River Technology Center, in the Nonproliferation Technologies Section. During graduate school he studied atmospheric turbulence and diffusion under Shih-Kung Kao, a well-known atmospheric turbulence expert, at the University of Utah.

After receiving his Ph.D in 1966 he joined the Department of Meteorology at the University of Oklahoma. There he worked with Dr. Walter Saucier and Dr. Yoshi Sasaki in building the newly formed Department of Meteorology. He taught dynamics and boundary layer meteorology courses to graduate and U. S. Air Force students.

In 1969 he left OU with Prof. Saucier to establish a new meteorology program at North Carolina State University (NCSU). After teaching graduate and undergraduate courses and helping build the meteorology program at NCSU for eight years, he left to work at the Savannah River Laboratory (SRL) in the Environmental Transport Group. At SRL he performed research on mesoscale atmospheric transport and dispersion, atmospheric boundary-layer turbulence, boundary layer winds in the South Atlantic Bight, dense gas dispersion, various specialized flow problems including stack design, and safe emission of effluents into the atmosphere. He was the principal investigator for the MATS (Mesoscale Atmospheric Transport Studies) program and the Stable Atmospheric Boundary Layer Experiment (STABLE) which were funded by the U. S. Department of Energy, Office of Health and Environmental Research (DOE-OHER).

Councilor's Report – New York City ACS Meeting  
Chris Bannochie

Attendance in New York City was quite good, running about 12,000 individuals. The Spring National Meeting is scheduled for March 28 – April 1, 2004 in Anaheim, CA and the Fall National Meeting is scheduled for August 22-26, 2004 in Philadelphia.

While the Council agenda was rather light for this meeting, there were a substantial number of developments in connection with the approval of the Constitutional ballot item you were asked to approve this past summer. The changes which were approved by the membership have changed the basis for funding local sections and divisions. Additionally, the approved change implements a series of annual \$4.00 dues surcharges over the next four years to temporarily finance the approved funding changes. At the end of the four years, the Board of Directors believes it will have developed mechanisms to achieve the necessary revenue and will roll back the increased dues. As part of the agreement on the new funding mechanism for Divisions, there will be greater joint programming and activities between the Divisions and the Local Sections and between Divisions and the Regional Meetings. LSAC announced a new grant program for innovative local section programming, and the first proposal deadline was October 1. There will be a second call for proposals due in April.

The ACS Board of Directors is considering a proposed merger with the American Institute of Chemical Engineers (AIChE). AIChE is facing severe financial pressures which have necessitated its merger with another Society. Since the ACS membership has always included chemical engineers, the proposed merger makes a great deal of sense to the Society. Input on the merger was solicited by the Board Committee on Professional & Member Relations (P&MR) from Councilors following the NYC meeting. As more details of the proposal are released, Chris will pass them along to the section.

Chris continues to serve on the ACS Committee on Economic and Professional Affairs (CEPA) and is chair of the CEPA subcommittee on Public Policy Priorities. The subcommittee makes recommendations to CEPA and the Board on workforce issues which could benefit from legislative changes to public policy. In NYC, the Board of Directors approved a statement originating in the subcommittee on support for Employment Non-Discrimination. The full text of the new policy statement can be found on the ACS website at: <http://www.chemistry.org/portal/a/c/s/1/acsdisplay.html?DOC=government/index.html>, alternatively one can go to the chemistry.org homepage and make a quick link selection for "government affairs." Chris, along with John Crawford, Chair of the Younger Chemists

## Continued...

Committee (YCC), organized a half-day symposium in conjunction with the policy statement that was sponsored by the Division of Professional Relations (PROF) and cosponsored by the Division of Chemistry and the Law (CHAL), CEPA, the Women Chemists Committee (WCC), the YCC, and the Minority Affairs Committee (MAC). Issues currently before the subcommittee include investigations into the loss of retiree healthcare benefits and misuse of the L1 visa. If there are workforce issues you would like to see addressed, please forward your recommendations to Chris at [bmerup@mindspring.com](mailto:bmerup@mindspring.com).

## Section Officer Nominations -

The nominations committee is nominating the following candidates for elections or re-election. Nominations from the floor may be made at the October Meeting. A candidate must agree to serve prior to being nominated.

### NOMINATED:

Mark Barnes - Chair Elect  
Linda Baker - Secretary  
Eric Zuckerman - Treasurer

According to the Bylaws, Councilor, Chris Bannochie, and Alternate Councilor, Stephanie Myers, are elected for 3 years. They will be due for election next year.

...Steve Serkiz, Chair Nominations

## Updated Section Directory Appearing Soon!

We're reaching the final stages for completing the update of the CSRA Chemistry Connections, our section's directory. The current schedule has the directory being ready by SERMACS. The directory will have updated section demographics in addition to member and business contact information. Both print and electronic copies will be available. In advance of its release, I'd like to thank Roy Beck, Tom Peters, Chris Bannochie, Tom White, Charles Crawford, and Tom Crute, who have all pitched in along the way. Thanks also everyone who answered the survey. Look for your copy soon!

- Rob Lascola

# National Chemistry Week

## October 19- 25

National Chemistry Week this year will be celebrated October 19 through 25. We will have Beverly Lipscomb and her team from UCB, formerly Air Products, in Langley, SC at Fort Discovery doing hands-on activities for the student visitors. The section is planning on presenting an award to the volunteers, who built a full scale replica of the Wright Flyer in honor of the 100th anniversary of manned flight. The plane will be on display at Fort Discovery beginning October 18. This year's theme for NCW is "earth's Atmosphere and Beyond," so such recognition is in keeping with this theme.

Bill Trammell  
NCW 2003 Chair

"Stephanie A. Myers" <smyers@aug.edu>

09/26/2003 02:28 PM

Please respond to smyers

To: william02.spencer@srs.gov

cc:

Subject: Re: CSRA Chemist Newsletter

Here's an entry for the chemistry show as part of National Chemistry Week. For other NCW activities, ask Bill Trammell. SAM.

The Savannah River Section and Augusta State University will be presenting their Ninth Annual "Wow! That's Chemistry?" Show at the Maxwell Performing Arts Theater on the ASU campus. There will be shows at 10 am and noon on Mole Day (October 23). Over 1300 sixth graders from Augusta and Richmond County are expected to attend. The hour-long show will be "performed" by ASU faculty and students.

## editors notes...

Be sure to check out the section web site and the SERMACS 2006 web site if you have not:

<http://acs-sr.home.mindspring.com>  
<http://www.sermacs2006.org>

If you are not receiving the newsletter by email. I encourage you to do so. Just send a note to Lewis Baylor, [ldbaylor@knology.net](mailto:ldbaylor@knology.net) and request that he add you to the list. Its the best way to get timely notices.

Please note the Wine and Cheese Awards banquet will be at Newberry Hall, Newberry Street, Friday, Nov 14.

I hope all of you will make an effort to come to the Oct or Nov meetings. They are fun and interesting. **Bring a guest to either.**

Please send me anything you think should be in the newsletter.

-- Bill Spencer

[[william02.spencer@srs.gov](mailto:william02.spencer@srs.gov)]

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