



# *The CSRA Chemist*

SAVANNAH RIVER SECTION  
OF THE  
AMERICAN CHEMICAL SOCIETY

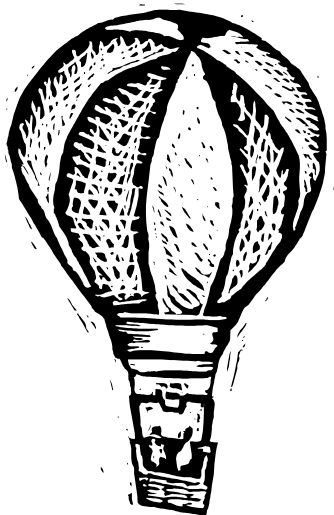
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Email!



Chemists will be coming to the Air Products plant tour by any means possible!

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# The CSRA Chemist

Editor: Lewis C. Baylor

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Chair-Elect	Dr. Brian Anderson	Westinghouse SRC	(803) 725-1421
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Mailing Address: Savannah River Section - American Chemical Society, c/o Lewis C. Baylor, Equitech Int'l Corp., 218 Richland Ave. W, Aiken, SC 29801. All newsletter articles should be sent to this address. All subscriptions, ads, and payments should be sent c/o Brian Anderson.

Advertisers: Brian Anderson is the Advertising Manager. The current ad prices are as follows: Full page (4.5" x 7") for \$100, Half page (4.5" x 3.5") for \$65, Quarter page (2.25" x 3.5" or 4.5" x 1.75") for \$40 and Business Cards (2.25" x 1.5") for \$15. We cannot accept ads that are larger than these size requirements. Send your camera ready art or computer diskette and payments to the mailing address above c/o Brian Anderson. The deadline is three weeks prior to the meeting date.

Member Profile(s): Joe Krupa is Chair of the Membership Committee. This topic is a regular feature in the newsletter. The profile should include: education, experience, accomplishments, hobbies and family items. To be featured, please send a 450 or less word profile, along with your phone number, to the mailing address above. Profiles will be selected by the chairperson and printed in the order received.

Meeting Announcements: *The CSRA Chemist* will announce scientific meetings of interest to chemists and chemical engineers (when space is available). For information and deadlines, contact Lewis Baylor.

Change of Address: Send new address and member number to address above and ACS, PO Box 3337, Columbus, Ohio 43210. You may also send e-mail to [service@acs.org](mailto:service@acs.org).

# ACS-SR CHAIR'S THOUGHTS

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Every now and then I hear a comment which goes something like this, "I don't see any reason to be a member of the American Chemical Society." I must admit that a review of the costs and benefits of membership did not draw me to the ACS. Rather I was introduced to the ACS when a previous employer offered to sponsor my membership application. The decision was simple since the company would cover the cost of membership as part of doing business and I would benefit from the connection to the chemical community. Although the company is no longer my employer and the dues are now a personal commitment, the benefit is the same, a connection to people, services, and information which is specific to the chemistry community. The cost of membership is about 30 cents a day, which is less than a good cup of coffee.

The local section provides is a unique forum for the membership to speak with a "larger voice" through the public events or outreach programs. On May 1 there will be an opportunity to share the world of chemistry with young people. Each participant can experience being a part of the world community through simple chemistry experiments hosted at the National Science Center. Each young person can submit the results into a global collection as part of the International Chemistry Celebration. Consider using this section activity to bring chemistry to your family, extended family or a neighbor. Details of the event can be found in the newsletter.

The executive committee will meet May 13 to plan the remaining year and consider what can be done to improve the services provided or add initiatives to the schedule. Your ideas are

truly welcome so just take a moment to connect with a committee chair. Like most things in life the value of membership is what you want it to be.

-Roy Beck

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## INTERNATIONAL CHEMISTRY CELEBRATION

Hands-on Chemistry Activities for National Science & Technology Week

On Saturday May 1, 1999 the Local Section will co-sponsor an International Chemistry Celebration (ICHc) event at Fort Discovery National Science Center (NSC). This event will take place during regular Fort Discovery operating hours.

Planned activities include:

- 1) ICHc activity: "World of Color"; NSTW activities: "Find Out Why"; and other hands-on chemistry activities. Internet access will be provided at NSC on May 1<sup>st</sup> so participants can input their data in ACS ICHc database.
- 2) Organization-sponsored activity tables
- 3) Chemistry shows in the NSC Power Station Theater

Come on out and support your Local Section, Fort Discovery, and the International Chemistry Celebration all in one visit!

Chief organizers include Joyce Morningstar, Bill Trammel, and the NSC staff.

-Joyce Morningstar

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## COUNCILOR'S REPORT

The Spring ACS National Meeting was held in Anaheim, CA. Registered attendance was 10,517 with total attendance at 13,042. The ACS Council agenda was light for this meeting. What was anticipated to be the most controversial item, the recent Board override of the Council vote in Boston concerning an increase to the National Meeting registration cost, was given little discussion on the floor. A report by the Meetings and Exposition Committee (M&E) did stir up some discussion. The Council was promised more information in New Orleans from the task force working on the issue of the growing national meeting deficit. It was also suggested that the issue of graduate and undergraduate registration be dealt with separately. Currently, the student meeting rate does not cover the cost of processing the paperwork for the meeting let alone any of the services provided students at the



meeting. It was learned that the following meeting expenses are NOT covered by the registration fee: Board, Council, and Committee Meetings; social hours and receptions; the Career Resource Center; Presidential Plenaries; ACS Short Courses; career and professional workshops; the ACS Awards Banquet; general interest tours; other ACS offices and staff; and the Press Room expenses. The following expenses are covered: apportionment to divisions, Attendee Locator and Message Center, Hospitality Suite, Internet Coral, Personal Scheduler, publications and advertising, registration and housing, SCIMIX, shuttle bus, and technical sessions. In response to the continuing meeting deficit the board raised registration for this meeting, and the upcoming Fall meeting in New

Orleans, to \$235. A more detailed accounting of how each meeting registration dollar is spent is available from your Councilor.

The Council did overwhelmingly approve the dues escalator (based on the Consumer Price Index) this will result in CY 2000 dues of \$108. When compared with the level of services and benefits available to members, this rate is extremely low when compared with other professional societies. The Council also overwhelmingly approved deletion of the Dues Reinstatement Fee (\$10) for members whose dues payments lapse.

The new chair of CEPA, Valerie Kuck (Lucent Technologies) gave a plug for the Career Forum Discussion on the ACS ChemCenter web site to the Council. This discussion forum was a product of the CEPA subcommittee on Professional Services and Programs which your councilor chairs. This is an excellent forum for students and others with career questions. The web site is monitored by ACS Career Councilors in order to provide the most meaningful and appropriate advice. The URL is [www.acs.org/careers/guidance](http://www.acs.org/careers/guidance).

The National Employment Clearinghouse (NECH) had another excellent meeting, though there were signs that hiring is not quite at last year's robust level. There were 331 employers in Anaheim, with 1595 potential hires and only 1019 job seekers registered. NECH continues to be an excellent vehicle for job seeking.

The Committee on Membership Affairs reported that the final 1998-membership number was 158,968, an increase of over 3000 members from 1997.

- Chris Bannochie

# ACS-SR **MAY MEETING**

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## Tour of Air Products and Chemicals plant in Langley, SC

Date: **Tuesday May 11, 1999**  
Location: **403 Carline Road, Langley, SC**  
Schedule: **6:30 p.m social, 7:00 p.m. tour start**  
Menu: **Hors d'oeuvres**  
Cost: **None: Students welcome**  
Speakers: **Tour will be hosted by several Air Products staff members.**

Reservations: **Deadline Monday May 10, 1999 at 12:00 p.m. Contact Sara Diamond at (803)-725-2605. Leave a message on voice mail if necessary, indicating the names of those attending.**

Program: The Savannah River Section of the American Chemical Society will be touring Air Products and Chemicals, Inc.'s Langley plant. This plant is a part of Air Products' Polymer Division and produces acrylic-based polymers for industrial customers. Key products include pressure sensitive adhesives and polymer products for the graphic arts industry. This should prove to be a very interesting tour and will allow Local Section members to see a polymer plant in action. Due to the early start time many of you will be coming directly from work, so we will provide sandwiches and refreshments. If you know any students who are considering jobs or additional education in chemistry or chemical engineering, this would be a great opportunity to expose them to the type of environment and people they will be working with in the future.

Directions: The plant is located between Highway 1 and Highway 421, on Langley Pond. Coming from Augusta on Highway 1, go through Clearwater and take a right onto Langley Dam Road (cemetery, SCE&G, and lawyers' office are all at this stop light intersection). Bear to the right around the ambulance station (going left takes you to Langley Pond boat launch), go over a small bridge and RR tracks, and turn left onto Carline Road. This road dead-ends in Air Products parking lot. Please park in the fenced parking lot and enter the two-story brick administration building; the visitor sign-in book is in lobby and someone will be there to meet you.

-Brian Anderson

**Don't stay home and cut the lawn. Come on out to the tour!**



# EDITOR'S CHOICE



## 1999 DENISE L. CREECH OUTSTANDING HIGH SCHOOL CHEMISTRY TEACHER AWARD

The Savannah River Section is seeking nominations for the 1999 Denise L. Creech Outstanding High School Chemistry Teacher Award. This award will be presented for the third time in 1999 and we hope you will nominate one or more high school chemistry teachers to receive this distinction. Past winners include Mr. Richard Manley of Davidson Fine Arts High School and Mr. Steve Ellerbee of Lakeside High School.

The award is named in honor of Denise L. Creech, an outstanding South Carolina high school chemistry teacher, who has since moved on to a position at the American Chemical Society's headquarters in Washington, D.C. The award consists of a plaque and \$100.00 monetary award, both to be presented at an autumn dinner and meeting of the Local Section. The winner's name will also be submitted to ACS National for consideration at the regional level.

Please help us support high school chemistry education by passing on this information to the appropriate teachers in your school and/or submitting a nomination yourself. If you are a Local Section

member and you or your child feels that his/her high school chemistry teacher is deserving of consideration, I encourage you to submit a nomination. This information may also be viewed at the Section's web site:

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

Nominations are due May 31 to:

Dr. Lewis C. Baylor  
Equitech Int'l Corporation  
218 Richland Ave., W.  
Aiken, SC 29801

Nominations will also be accepted electronically at [lbaylor@scscape.net](mailto:lbaylor@scscape.net). To nominate yourself or another, please submit the following information:

- Teacher's name
- School of employment
- Educational background
- Teaching experience, years & location
- Chemistry courses taught; other teaching experience/courses taught
- Awards and honors to both nominee and nominee's students (e.g., science fair, Chemistry Olympiad)
- Brief description of nominee's qualifications for award
- Two letters of recommendation from colleagues, supervisors or former students

Thank you for your help in recognizing outstanding teaching talent in the CSRA by assisting us with identifying outstanding teachers. If you have any questions, please contact me by any of the following means:

Electronic mail: [lbaylor@scscape.net](mailto:lbaylor@scscape.net)

Telephone: (803) 642-3090

Fax: (803) 642-0444

- Lewis Baylor

# ACTIVITIES CALENDAR

All Year*	International Chemistry Celebration	Various	CSRA
February 15	Tour: GBI	GBI	Augusta
February 17*	SRS Technology Day	Civic Center	Augusta
March 16*	Lee Marek	Ft. Discovery	Augusta
	"Chemistry on 'The Late Show with David Letterman'"		
March 27	Girl Scouts	Fair Grounds	Evans
May 11	Tour:Air Products	Air Products	Langley
May 1	Nat'l Science & Tech. Week	Ft. Discovery	Augusta
September 14	CSRA College Night	Civic Center	Augusta
September 18-19	Arts In The Heart	Riverwalk	Augusta
September 20	Dr. Mary Orna	Morris Museum	Augusta
	"Doing Chemistry at the Art / Archaeology Interface"		
October 19	Awards Meeting	Oldenburg Grill	Augusta
October 23	SEED	USC-Aiken	Aiken
November 7-13*	National Chemistry Week	Various	CSRA
November 18	Dr. Joel Harris	TBA	Aiken
	"Time-Resolved Spectroscopy"		

\* ACS-SR booth or activity, volunteers needed.

## \*\*\* *The CSRA Chemist* By E-mail \*\*\*

Would you like to receive *The CSRA Chemist* by e-mail, instead of by paper mail? We would be happy to put you on the Section's e-mail list - you will receive the newsletter more quickly and the Section will save money on printing and mailing costs. The newsletter will be sent in PDF format and can be read with Adobe's Acrobat Reader, which is available free on the WWW. Drop the editor an email at: [landdbaylor@mindspring.com](mailto:landdbaylor@mindspring.com) if you are interested in this new feature.

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