



# The CSRA Chemist

SAVANNAH RIVER SECTION  
OF THE  
AMERICAN CHEMICAL SOCIETY

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Is that a new element, or is that my  
coffee?!??



Special Note: The January 24 Chemi-  
cal Jeopardy meeting was post-  
poned due to bad weather. A new  
date has not yet been set.

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# The CSRA Chemist

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Mailing Address: Savannah River Section - American Chemical Society, c/o Lewis C. Baylor, Equitech Int'l Corp., 1359 Silver Bluff Rd., Ste. G6, Aiken, SC 29803. All newsletter articles should be sent to this address. All subscriptions, ads, and payments should be sent c/o Brian Anderson.

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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).

# CHAIR'S THOUGHTS

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This time, I will be brief. The month of February has two exciting events that we will be participating in or sponsoring. First, before I continue, a note about last month. Who would have thought that we would have Chemical Jeopardy cancelled because of snow?? The bad part is, I was out of town, and missed all of the snow except for the little ball left from my son's snowman. Many thanks to Bill Starnes for putting the event together and a special thanks to all those who volunteered to match their chemical wits against one another. We will, hopefully, be rescheduling the event. We'll keep you posted.

And now, I'll move on to this month's extravaganzas. First, we will be hosting a booth at SRS Technology day on Wednesday the 16<sup>th</sup> at the Augusta-Richmond County Civic Center. Come by and say HI! Then, on Monday, February 28<sup>th</sup> we will be hosting a dinner meeting with ACS tour speaker Dr. James Marshall. During that event we will be presenting the 1999 Denise L. Creech High School Chemistry Teaching Award for excellence in education to Ms. Brenda Anderson of Harlem High School. In fact, Denise Creech herself will be presenting the award. Congratulations Brenda!

I'd like to briefly tell you about our new communications system. Virtual Volunteers is a non-profit organization that allows members to distribute recorded messages to a list of phone numbers. Many of you who live in North Augusta and Augusta (Aiken is not yet covered, we are working on this) were startled and confused to get an advertisement and message, first from

the system, and then from Bill Starnes. The first message was required by the system in order to set up the account, and Bill spent many hours trying to get around having to send it. The second was a reminder for our Chemical Jeopardy event. The advertisements are how the service is paid for, as it costs us nothing. We want your feedback on this system, and we hope that it improves our communication with the Section. We want this to be useful, and not annoying, and therefore we will use it very sparingly, and only to remind you or send out an important message to everyone in the Section.

I hope to see you at the meeting; let's all show up to congratulate an outstanding teacher and enjoy a great talk.

- Brian Anderson

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## CAREER WORKSHOP

On January 28th, we were privileged to hear insights from Julie Goley and Gil Eustice at the Local Section career workshop. Julie is a career councilor at Augusta State University and Gil is in the quality assurance area of Searle. The two speakers offered helpful advice to an audience of 16 on topics ranging from résumé preparation and interviewing skills to examples of career choices for chemists and the pros and cons of achieving various levels of education in chemistry.

- Tom Crute

# ACS-SR FEBRUARY MEETING

## THE DENISE L. CREECH AWARD AND DR. JAMES MARSHALL: "THE DISCOVERY OF THE ELEMENTS"

- Date:** Monday, February 28, 2000
- Location:** Ruth Patrick Science Education Center, USCA, Aiken, SC
- Schedule:** 6:30 p.m. Social, 7:00 p.m. Dinner, 8:00 p.m. Program.
- Speaker:** Dr. James Marshall
- Menu:** Pizza and soft drinks.
- Cost:** \$5.00 at the door for members, guests and students; no cost for attending the program only.

**Reservations:** Contact Sara Diamond at (803)-725-2605 and make your reservation. Leave a message on voice mail if necessary, indicating the names of those attending and whether you will be attending the dinner, program, or both. Please be sure to sign up early!! **Deadline is 12:00pm, Monday February 28, 2000.**

**Program:** The program will open with the presentation of the 1999 Denise L. Creech Outstanding High School Chemistry Teacher Award to Ms. Brenda Anderson of Harlem High School. Read more about Ms. Anderson in this issue of *The CSRA Chemist*. Following the award, Dr. James Marshall will speak on "The Discovery of the Elements" and a "Walking Tour of the Elements" and will make use of The Living Periodic Table in the entry hall of the RPSEC.

**Biography:** James L. Marshall earned his B.S. in chemistry at Indiana University in 1962, and his Ph.D. in organic chemistry at Ohio State University in 1966. Dr. Marshall is a professor in the Department of Chemistry of the University of North Texas, where he established the research program in analytical chemistry and materials science. In 1989, Dr. Marshall received an Honors Professor Award and a "Top Prof" Award at UNT and in 1995 an EME (Sigma Phi Epsilon) Outstanding Faculty Member Award. For the last several years Dr. Marshall has developed and coordinated High School/University Chemistry Symposia in North Texas.

**Directions:** From North Augusta/Augusta take the Aiken-Augusta highway to the traffic light at the old K-Mart building just outside of Aiken. Turn left and go past the hospital on the right and you will come to the USCA campus on the left. Turn into the second main entrance and proceed to the back of the campus. The Ruth Patrick Science Education Center is located on the right at the back of the campus.

- Bill Starnes

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

The 1999 Denise L. Creech Outstanding High School Chemistry Teacher Award will be presented to Ms. Brenda Anderson of Harlem High School.

Brenda Anderson has been educating high school students in various branches of science including chemistry, biology, astronomy and earth science since 1982. She has taught in South Carolina, Maryland, Germany, Texas, and since 1995, in Harlem, Georgia. At Harlem, her responsibilities include physical science, Chemistry I and Chemistry II. She serves on the Science Curriculum Writing committee of the Columbia County school system and co-wrote the curriculum of the current Chemistry II course. Brenda also helped design and outfit the brand new chemistry lab that opened in the autumn of 1999 at Harlem High School.

Brenda's students are enthusiastic in their pursuit of chemistry in her classroom, and this enthusiasm no doubt comes from Brenda's vibrant personality, good sense of humor, and dedication to her students' success.

Congratulations to Brenda!

I am pleased to announce that Denise Creech will be making the trip down the ACS Headquarters in Washington, DC to present the award. Denise is a former South Carolina Chemistry Teacher of the Year. Over the past ten years, she has worn many hats as a member of the American Chemical Society national staff and is currently she is serving as the Assistant Director of the Membership Division and works with local sections, career services, and membership activities.

- Lewis Baylor

ACS-SR

## OFFICER REPORTS

### TREASURER'S REPORT

Below is a summary of the proposed and actual budget for 1999. The proposed budget for 2000 is also included. Last year the proposed budget reasonably tracked the actual budget. Meetings were the largest expense with a total cost \$3234.34 and a total income of \$937. The income was lower than expected and, when added to the budgeted amount of \$1600, does not cover the total cost of the meetings. A significant part of the expense was catering costs that will be reduced this year (hotdog, anyone?). This shortfall was compensated for by the under spending in the public relations, awards, National Chemistry Week and

investment categories. It was decided to hold off on investing until it is determined what will be done with our investment account, which has been yielding only 4% a year for the last five years.

The budget proposed for 2000 is nearly identical to the budget proposed for 1999. The Executive Committee decided that last year's budget set category values at achievable levels and so it was only necessary to slightly modify the budget. One notable exception is the travel category. Five hundred dollars has been set aside for our Councilor to represent us at national ACS meetings and our Chair-Elect to attend a leadership program.

<b>Income</b>	<b>1999 Actual</b>	<b>1999 Budgeted</b>	<b>2000 Budget</b>
ACS allotment	4744.00	4744.00	4744.00
Local dues	1566.35	1500.00	1500.00
Interest	224.96	200.00	200.00
Meetings	937.00		
<i>Totals</i>	7472.31	6444.00	6444.00

**Expenses**

Awards	68.90	350.00	325.00
Chem. Olympiad	481.13	500.00	500.00
Invested	0.00	300.00	300.00
Meeting Expenses	3234.34	1600.00	1600.00
Misc.	391.20	300.00	300.00
Nat. Chem. Week	310.25	900.00	600.00
Newsletter	1565.36	1600.00	1200.00
Public Relations	196.84	300.00	600.00
Scholarships	350.00	350.00	250.00
Service Charge	125.00	125.00	125.00
Travel	0.00	0.00	500(900)
<i>Total</i>	6602.43	6325.00	6300.00

**Investments**

	<b>12/31/99</b>	<b>12/31/98</b>
Prudential Utility Fund CL B	1636.32	1586.08
Prudential Structured Maturity Fund	2851.31	2807.72
<i>Total</i>	4487.63	4393.80
Gain Since 12/31/98	93.83	
- Tom White		

# EDITOR'S CHOICE



Last year was a great year for member participation in the voluntary Local Section dues program. Once again, the generosity of the members of the Savannah River Section placed it among the leading local sections nationwide for percent participation. As you can see from the budget above, the voluntary Local Section dues is a significant source of income for us. If you haven't already sent in your ACS renewal,

# ACTIVITIES CALENDAR

January 24	Chemical Jeopardy	Etherredge Center	Aiken
January 28*	Career Workshop	Augusta State U.	Augusta
February 16*	SRS Technology Day	Civic Center	Augusta
February 28	James Marshall "The Discovery of the Elements"	Ruth Patrick Sci. Ed. Center	Aiken
March 21	Henry Bungay "Microbial Cellulose"	TBA	N. Augusta
April 15	Girl Scout Roundup	TBA	Augusta
May	Tour: Owens-Corning	Owens-Corning	Aiken
September 12*	CSRA College Night	Civic Center	Augusta
September 15-17*	Arts In The Heart	Riverwalk	Augusta
October	Tour: SmithKline Beecham	SmithKline Beecham	Aiken
October 28*	SEED	USC-Aiken	Aiken
November 5-11*	National Chemistry Week	Various	CSRA
November	Awards	TBA	TBA

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

please send it in as soon as you can and check off the Local Section dues, which remain at \$7.50 per year.

As always, please sign up for e-mail distribution of *The CSRA Chemist* in lieu of the paper version and gain the benefit of rapid delivery, while helping the Section control printing and mailing costs. Simply send an e-mail request to Lewis Baylor ([baylor@quixnet.net](mailto:baylor@quixnet.net)).



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**Savannah River Local Section**  
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