



The CSRA Chemist

SAVANNAH RIVER SECTION

OF THE

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Psst...Did you hear about the \$50 gift certificate? I think it's fer gold!



Gold! You're crazy old man. It's gotta be diamonds!



Hmmm...maybe it's for a PDA.



Woof! If my owner wins, he cna buy me my own fire hydrant!



Special Note: The January 24 Chemical Jeopardy meeting has been re-scheduled for April 17.

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.

Ah, the sweet smell of spring, or pollen, as the case may be. The yellow dust is settling on our cars, and that means we are in full swing in terms of events. Hopefully, we will not have another snow event, and the good news is that we have rescheduled our snowed out Chemical Jeopardy event for Monday, April 17, 2000. We had a great February meeting with approximately 40 people attending. The local news (WRDW – channel 12) was there to cover the presentation of the Denise Creech Outstanding High School Teacher Award. Special thanks go out to Bill Starnes for organizing the event, Charles Crawford for working diligently to get the word out, and to Lewis Baylor for organizing the presentation of the award. Also, a special thanks goes to Denise Creech for making the trip from Washington, D.C. to present the award. We hope she can make it every year!!

Recently, Daryle Busch, President of the American Chemical Society, released a statement calling for increased support and funding for science education (<http://center.acs.org/applications/news//story.cfm?story=267>). Congress is considering increasing the number of teachers this year, and Dr. Busch pointed to the need for increased salaries for science teachers and stronger support for science education

from parents and local officials. We applaud the outstanding job that our Denise Creech Award winner has done in the classroom, and we hope that local officials will begin to stress the importance of science education.

The Savannah River Section of the ACS has a long track record of community outreach and education. Specifically, we provide science education awareness through our outreach, our support of the International Science Olympiad, our education committee and our public relations committee. We have slots open for volunteers in these committees, as well as our other committees. If you have concern for or are interested in getting involved in our education programs, please contact our education committee chair, Professor Stephanie Myers, or me.

- Brian Anderson

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Name (as you wish it to appear on Certificate)
Membership No., Mailing Address, and Phone Number.

Upon confirmation of your paid membership, please allow 4 to 6 weeks for delivery.

MARCH MEETING

Dr. Henry Bungay: "Microbial Cellulose"

Date:	Tuesday, March 21, 2000
Location:	North Augusta Country Club
Schedule:	6:30 p.m. Social, 7:00 p.m. Dinner, 8:00 p.m. Program.
Speaker:	Dr. Henry Bungay
Menu:	Baked chicken, cornbread dressing, with salad choice, stir-fried veggies, green beans almondine, roasted new potatoes, rolls and butter, dessert, coffee, and iced tea
Cost:	\$17.00 at the door for members and guest; 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 2:00pm, Friday March 17, 2000.**

Program: The program will open with a drawing for a \$50 gift certificate from Barnes and Noble. Following the drawing, Dr. Bungay will speak on "Bacterial Cellulose". This essentially pure cellulose, having none of the hemicellulose and lignin found in trees, is now under investigation for uses ranging from wound dressings to acoustic diaphragms for headphones.

Biography: Henry R. Bungay earned his B.S. of Chemical Engineering at Cornell University in 1949, and his Ph.D. at Syracuse University, 1954. Dr. Bungay is a professor of Chemical and Environmental Engineering at Rensselaer Polytechnic Institute. In 1988 Dr. Bungay received the Marvin Johnson Research Award from the American Chemical Society's Microbial and Biochemical Technology Division.

Directions: From the Martintown Road/I-20 interchange, proceed north (towards Edgefield) and take 2nd right onto Gregory Lake Road (immediately after video poker casinos). Proceed 2 miles; turn left into entrance of North Augusta Country Club.

FEBRUARY MEETING WRAPUP

My first meeting as Program Chair is now history and with the exception of the pizza being delivered 13.5 minutes late (in the eyes of the Program Chair it seemed like one hour and 13.5 minutes), but still hot and delicious, things went very well.

That is to say we had a very nice crowd in attendance (35+), the Denise L. Creech Award was presented to a worthy teacher (Brenda Anderson of Harlem High School), and our tour speaker, Dr. James Marshall, was both knowledgeable and entertaining. Dr. Marshall presented a fascinating account of his travels around Europe visiting the places of discovery of many of the elements in the periodic table. His talk was accompanied by beautiful photographs of these historic, and in many cases, remote locations. Our PR chair, Dr. Charles Crawford, was able to arrange for channel 12 WRDW-TV to cover the event. The channel 12 story aired that night at 11 o'clock.

-Bill Starnes

JEOPARDY RETURNS

The snow-cancelled January meeting featuring Chemical Jeopardy has been rescheduled for April 17 at The Etheredge Center on the campus of the University of South Carolina-Aiken. This promises to be a very entertaining event, so come out and cheer on your favorite manager, chemist or student!

OLYMPIAD PREVIEW

The National Chemistry Olympiad selection process is underway this year as seven area high schools and 440 high school students will be participating in the local screening exam. This exam, taken from college-level general chemistry text books, will be distributed to Augusta Prep, Davidson Fine Arts, Westside, Aiken, South Aiken, Midland Valley, and Silver Bluff high schools the first week in March. The chemistry teachers at those high schools then have the flexibility to work the exam into their own schedules and can return the answer sheets to us for grading any time before March 31. Each student participant receives a certificate and the two high scorers at each school in each grade will receive a special award certificate and a National Chemistry Week tee shirt.

The top eight scorers from the 440 participants, regardless of grade level, but no more than two per high school, will be asked to represent our local section and participate in the National Chemistry Olympiad Exam held this year on April 15. Our eight students will meet at Augusta State (or USC-Aiken if the ASU move into the new science building is underway) on that day to sit for the exam. The exam takes about five hours to complete and consists of a multiple-choice section, a blue book long answer section, and a lab practical. These eight students will be among approximately 1500 participating nationally that weekend. Our eight student representatives will receive a special certificate from ACS national and receive a nice memento from the Local Section. Only twenty students will be chosen

Continued on the following page.

EDITOR'S CHOICE



DEMOGRAPHICS AND SUCH

This month, I thought I'd give you a peek at the membership demographics and roster database that keeps this newsletter going out to all of you at the right addresses. Another Section roster, in both paper and electronic format, arrived from ACS National this month. This one contained updated information for our membership through December 31, 1999. ACS provides the Section with a new roster approximately every two months. There are always plenty of changes, and this one was no exception. We had 8 new members, one reinstated member, no transfers in, 3 transfers out and 3 resignations. Thus, we had a net gain of three members. Our total membership now stands at 305. Thirty-one of those members are listed as delinquent and will be dropped by ACS national in next year's rosters (if they do not pay up before then).

We have 222 regular ACS members (72%) and 67 emeritus and retired members (21%). Our Section's single largest age group is the 71+ category, with 49 members (16%), followed closely by the 46-50 category with 41 members (13%). However, a healthy 36% of our Section's members have 5 or fewer years of service with the ACS. Eighty-two percent of our members are male, 16% are female, and 2% couldn't decide (just kidding, info not

available). About 40% hold doctorates, 35% bachelor's degrees, and 17 percent master's degrees as their terminal degree. The largest interest field group is 'nuclear', with 56 members (18%), followed by 'analytical', with 39 members (13%). About half of our membership lives in Aiken and outlying areas of South Carolina, while the other half lives in the North Augusta-Augusta area. A staggering 267 (86%) of the membership subscribes to no ACS journals. Thirty-six people (12%) list one journal subscription and six (2%) list two subscriptions.



Continued from the previous page.

nationally for the chemistry training camp and only four of those will be selected to represent the United States at the International Chemistry Olympiad in Copenhagen.

We would like to acknowledge the support of both USC-Aiken and Augusta State for this effort and particularly Augusta State's Department of Chemistry and Physics for support of the printing and mailing costs associated with the local screening exam. Watch for the names of our eight student representatives in an upcoming news letter.

- Monty Fetterolf and Cathy Cobb

ACTIVITIES CALENDAR

January 24	Chemical Jeopardy	POSTPONED DUE TO SNOW	Aiken
January 28*	Career Workshop	Augusta State U.	Augusta
February 16*	SRS Technology Day	Civic Center	Augusta
February 28	James Marshall	Ruth Patrick Sci. Ed. Center	Aiken
	"The Discovery of the Elements"		
March 21	Henry Bungay	North Augusta Country Club	N. Augusta
	"Microbial Cellulose"		
April 15	Girl Scout Roundup	TBA	Augusta
April 17	Chemical Jeopardy	Etherredge Center	Aiken
May	Plant Tour	TBA	TBA
September 12*	CSRA College Night	Civic Center	Augusta
September 15-17*	Arts In The Heart	Riverwalk	Augusta
October 28*	SEED	USC-Aiken	Aiken
October 30	Awards	North Augusta Community Ctr.	N. Augusta
November 5-11*	National Chemistry Week	Various	CSRA

* ACS-SR booth or activity, volunteers needed.

Selected Meetings of Interest to Chemists

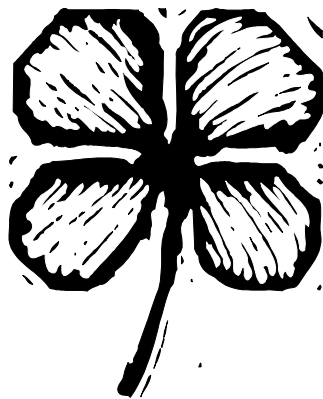
Pittcon 2000, March 13-18, New Orleans, LA.

ACS Spring National Meeting, March 26-30, San Francisco, CA.

ACS Fall National Meeting, August 20-24, Washington, D.C.

Southeast/Southwest Joint Regional Meeting, December 6-8, New Orleans, LA.

Pacificchem International Congress, December 14-19, Honolulu, HI



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