



**Savannah River Section
of the
American Chemical Society**

Invites You to the March Meeting

Date: Tuesday, March 19, 2002

Speaker: Thomas Parliment,
Thomas Parliment Consulting - New York

Topic: "The Chemistry of Flavors"

Location: Etherredge Center,
Univ. South Carolina Aiken

Cost: Members \$17.00, Students \$10.00

Schedule: 6:30 Social, 7:00 Dinner, 8:00 Speaker

Reservations: Please call Sara Diamond, (803) 725-2605,
by Monday, March 18

"The aromas of food products are quite complex with typically hundreds of volatile components present. This talk will discuss the origin of compounds found in aromas and will cover the contribution of these chemicals to the overall character of a food. Examples of interesting aroma chemicals will be presented. The aromatic composition of selected foods will be discussed in detail and used to demonstrate how aroma research is conducted."

Bring a spouse, a friend, a student ...

Calendar of Events

March 19	Thomas Parliment, Parliment Consulting, NY, presents “Chemistry of Flavors” , Etherredge Center, USC-Aiken
March 25	Career Workshop, Augusta College
April 7-11	223rd National ACS Meeting, Orlando
April 20	Chemistry Olympiad - advanced testing, USCA
May	Meeting to be announced Summer Break
August	224th National ACS Meeting, Boston
September	Season Opener -Carl Fliermans - MicroBugs
October 15	Prof. David Hercules, Vanderbilt U. - “Surface Analyses”
October	SEED - USC Aiken, CSRA College Night - Augusta
October	National Chemistry Week [note: date moved from Nov 4 wk due to elections]
Nov. 13-16	54th SERMACS - Regional Meeting, Charleston, SC
Nov/Dec	“Award Dinner”, North Augusta Community Center

Section Contacts

Position	Name	Email	Work Phone
Chair	Steve Serkiz	steven.serkiz@srs.gov	(803) 725-5422
Chair Elect	Tom White	thomas02.white@srs.gov	(803) 725-1963
Immediate Past Chair	Rob Lascola	robert.lascola@srs.gov	(803) 725-2380
Treasurer	Eric Zückerma	ezuckerman@aug.edu	(706) 667-4513
Secretary	Linda Baker	linda.baker@srs.gov	(803) 952-4272
Councilor	Chris Bannochie	cj.bannochie@srs.gov	(803) 725-8088
Alt. Councilor	Stephanie Myers	smyers@aug.edu	(706) 667-4514
Career Development	Tom Crute	tcrute@aug.edu	(706) 667-4517
Membership	Joe Krupa	joseph.krupa@srs.gov	(803) 725-5346
Public Relations	Charles Crawford	charles.crawford@srs.gov	(803) 725-8049
Olympiad Co-chair	Monty Fetterolf	montyf@aiken.sc.edu	(803) 648-6851
Olympiad Co-chair	Cathy Cobb		(803) 642-7125
National Chem. Week	Bill Trammell	trammellWF@aol.com	(706) 821-0609
Industrial Relations	Roy Beck	roy.beck@srs.gov	(803) 208-6478
Technician Affiliates	Bertha [Bert] Carter	bertha.carter@srs.gov	(803) 725-3953
Distributor - Email	Lewis Baylor	ldbaylor@knology.net	(803) 642-3090
Publications	Bill Spencer	william02.spencer@srs.gov	(803) 725-5256
Webmaster	OPEN	http://acs-sr.home.mindspring.com	

Note: complete addresses are available from S.Serkiz or L.Baker

Volunteers wanted— contact any of above to offer help

Thoughts from the Chair -

Well, here it's a new year for the Savannah River Section of ACS and I'd like to take a little space in the newsletter to introduce myself and let you know what we have planned for the year.

I'm Steven Serkiz, a chemist in the Savannah River Technology Center of SRS and a Professor in the Environmental Engineering and Science Department at Clemson University. While I have been involved in several technical divisions at the National ACS level for a number of years, my involvement in the Local Section began only about one and a half years ago as chair elect. During this short tenure, I have been amazed at the level of dedication from the volunteers in our section and my many THANKS go out to all of you that graciously donate your time and energy.

So far as the leadership structure is concerned, it is largely the same faces. Tom White has stepped down as treasurer to assume the 2002 Chair Elect position. Eric Zuckerman, the new Physical Chemistry Professor at ASU, has taken the role of treasurer. We are actively seeking help specifically in minority affairs (Committee Chair) and web site design and maintenance (webmaster) and, generally in all areas of the local section – PLEASE contact me or any other member of the executive committee if you have energy for any of these activities.

I'd like to direct your attention to the inside back cover of the newsletter for the "Activities Calendar," it provides a good summary of the year's planned events. I think our speakers program has been quite successful and hopefully gets you thinking about new areas of chemistry. This year should be no exception, with the Dr. Greg Choppin's talk in February drawing a big crowd to learn about plutonium chemistry. This

continued...

month we'll have a talk on flavor chemistry by Thomas Parliament. In September, Dr. Carl Fliermans of SRS will enlighten us on the use of microbes for applications such as recycling used tire rubber, detection of land mines, and restoration of the environment. Dr. David M. Hercules from Vanderbilt University will be speaking on the analytical chemistry of characterizing surfaces. Isn't that a wide range of topics?

Did you know that in the 52-year history of the Southeast Regional Meeting of the American Chemical Society (SERMACS), the Savannah River Section has never been the host section? Well, Chris Bannochie is trying to remedy this situation by heading up an effort to get SERMACS to Augusta in the fall of 2006. This activity will be a major focus for us during the year with the bid package due at the 2002 SERMACS in Charleston this fall. I know Chris would welcome your help in this effort, so please contact him directly.

In closing, I'm always looking for ways to improve our local section (whether it's the addition of a new activity or the way we're doing something now) so please give me your comments/suggestions at (803) 725-5422 or email steven.serkiz@srs.gov.

Steven Serkiz

National Chemistry Week Video Update

In November's *CSRA Chemist*, I described the video "Chemistry of the Familiar" that the Section (primarily Bill Trammell, Stephanie Myers, and Tom Crute) put together for National Chemistry Week (NCW). In case you don't have that issue handy, let me remind you that "Chemistry of the Familiar" is an hour-long show full of demonstrations of the chemical aspects of energy creation, storage, and release. I'd like to share with you the tremendous success we've had distributing the video. During NCW, the show was broadcast on the South

Volume 45 No.3 The CSRA Chemist March 2002
Carolina Educational TV network, and on Comcast Channel 66.
We also had several section members give copies to their
children's schools. Furthermore, thanks to mentions in several
December issues of C&E News, as well as the Canadian educa-
tion journal CHEM13 News, we have received requests for
copies from (at last count) schools in 26 states as well as
Canada, Germany, and Italy. Fortunately, the National Science
Center, who produced the video, is also taking care of making
copies and meeting all those requests. You can still get a copy
from the NSC, for the price of a blank tape – call me, or Jan
Hemphill at Fort Discovery (821-0200), for more details.

If you will be in Orlando during the ACS convention in the
first week of April, please consider stopping by the National
Chemistry Week Reception and Poster Session on Tuesday the
9th from 1130-1300 at the Rosen Plaza Hotel, Grand Ballroom
C. The Section has been invited to give a poster describing its
2001 NCW activities. Some combination of Tom Crute,
Stephanie Myers, the ASU Chem Club, and myself are sure to
be there. It'd be great to see you and show you all the things
that we've done in the CSRA!

- Rob Lascola

If you're going to the ACS National Meeting in Orlando, April 7-10 - Consider this..

A number of Section members have expressed interest in a
“section-get-together” during the Orlando meeting. Time and
place is undecided, but if you think you would like to partici-
pate, call Rob Lascola or email robert.lascola@srs.gov with
your suggestions. Rob will send out a note the week before
with details. Thanks and hope to see you there!

Volume 45 No.3 The CSRA Chemist March 2002
CSRA 2002 Section Budget, -Eric Zuckerman, treasurer

Income	<i>Budgeted 01</i>	<i>Actual 01</i>	<i>Budgeted 02</i>
ACS allotment	5,000.00	4,924.00	4,900.00
Dues			
Local Dues	1,600.00	1,557.13	1,500.00
Section Dues			
Technician Affiliate Dues			120.00
LSAC (ACS Grant ->Directory)			1,250.00
Earned Interest	300.00	251.90	200.00
Meetings (Income at door)		1,749.88	2,000.00
Total Income	6,900.00	8,482.91	9,970.00
Expenses			
Awards	350.00	394.47	350.00
Career	200.00	100.00	100.00
Chem. Olympiad	400.00	263.75	400.00
Invested	300.00	300.00	300.00
Meeting Expenses:	1,400.00		
Speaker Costs		900.00	1,000.00
Meeting Costs		2,193.64	2,500.00
Misc.	300.00	484.61	200.00
National Chemistry Week	600.00	473.23	600.00
Publications-Notices, News	1,400.00	1,095.31	
Postage			400.00
Printing			700.00
Public Relations	200.00	0.00	100.00
Scholarships	250.00	250.00	250.00
Service Charges	125.00	125.00	125.00
Technical Affiliate Group (TAG)		98.77	100.00
Travel	400.00	492.59	750.00
Web Site	250.00	118.05	100.00
Total Expenses	6,175.00	7,289.42	7,975.00
Investments - Assets			
	12/31/2000	12/31/2001	12/31/2002
Prudential Utility Fund CL B	2,272.95	2,090.30	
Prudential Jennison Growth Fund	2,080.58	1,924.14	
Prudential Short Term Corp. Bond F	272.79	291.73	
Total	4,626.32	4,306.17	
<i>Gain Since 12/31/00</i>		(320.15)	
Money Market Funds	12/31/2000	12/31/2001	12/31/2002
	6,042.00	8,139.00	

Local Career Workshop - March 25

-Tom Crute, Careers

The Career Committee will present a career workshop on Monday evening, March 25, 2002 at 6:30 PM to be held at Augusta State University in the conference room of the New Science Building (room W1012). The primary topics will be organization of a job search, the role of the elevator interview, and the most important little touches that lead to a job. Refreshments will be served. You are invited to attend whether or not you anticipate a job search in the near future. Remember- "True job security is the ability to find a job".

2002 National Chemistry Olympiad

-Monty Fetterolf

The 2002 National Chemistry Olympiad Screening is underway sponsored once again by our Local Section in conjunction with USC Aiken and Augusta State University. Faculty from nine area high schools are involved already with over three hundred area students expected to take the screening exam during March. Local administration of the National Chemistry Olympiad to the eight highest-scoring students will be on April 20. The International Chemistry Olympiad will be held this year in The Netherlands this July. Look for final information in a later newsletter.

About Our Speaker:

Tom Parliment received a BS degree in Chemistry from Lehigh University and a Ph.D. in Food Science from the University of Massachusetts. In his career, he has studied the aromatic composition of numerous foods such as meat, coffee, baked goods, seafood, fruits, and he has more than 20 patents and numerous publications in these and related areas. He has co-edited three flavor-related books.

CSRA Connections, Second Edition**-Rob Lascola**

Those readers who have been in the Section for more than five years or so may remember the *CSRA Chemistry Connection*, a directory for and of chemists and chemical industry in the CSRA. The directory is a valuable guide for newcomers to the area who are seeking employment, as well as for schools and media representatives who might be looking for “subject matter experts” in the chemical field. Last fall, the Section applied for and received a sizeable grant from National to update the directory. In the coming months, you will be hearing more about this project, including plenty of requests for information. While we’re still figuring out if we want to change the format of the directory, we’ll certainly be looking for lists of chemistry-related companies and for people who would want to have listed their professional and educational interests. Please think about how you want to be listed, and expect to hear from us again soon!

Did You Know ...

Since 1986 your ACS dues have been tied to the Consumer Price Index for Services. Dues for 2003 will go from \$112 to \$116 because of this inflation adjustment formula.

At year-end, the total ACS membership was 163,502. This is a net gain of 486 over the previous year. Our section is slightly smaller this year.

“ACS is a \$2 Billion professional and cultural dynamo.” It takes about \$350,000,000 each year and dues are only a small percentage of the total.

[Facts taken from Ameical Chemical Society, Council Agenda for April 10, 2002 Meeting -- Bannochie and Spencer have copies]

Thoughts from the Public Relations Chair

- Charles Crawford

I would like to thank all of you involved in our superb ACS gatherings so far this Calendar year. We had a terrific, successful annual 'Chemical Jeopardy' show at USC-Aiken in January. Congrats to the team lead by Alice Murray in their victory – enjoy those bookstore coupons! Thanks to all the SRS Managers and student participants as well as the exceptional job done by Rob Lascola in the Hosting role. We also had a very interesting scientific presentation from distinguished Professor, Dr. Greg Choppin of Florida State University in February at the Snug in Augusta. Thanks to all for getting the word out to our area chemists as well as the Nuclear folks that showed up to hear about Plutonium chemistry. Be sure to put the Flavor Chemistry Talk on your Calendar for March 19, 2002 at USC-Aiken. Come to the meeting and find out what Coffee, Beer and Hawaiian Shaved Ice have in common!

Editor Notes

- Bill Spencer [email: wspencer2@mindspring.com]

First, I want to thank Lewis Baylor for the excellent job he did keeping you informed in announcements and newsletters for the past 3 years or more. Lewis will continue to handle the distribution of the news and guide me. Please be patient as I try to keep this going.

In my opinion, communications between section members will be the key to a great section. Email can help. If you have not sent in your email address. Please consider doing so. Just send a note to Lewis, ldbaylor@knology.net, to be added to the distribution. Postage is a major section expense and if I am late getting the notice out, it is our best method for rapid communication. Also invite your co-workers to join in. Ask them to attend a meeting.

Finally, we need a web master. Take a look at <http://acs-sr.home.mindspring.com> if you have not.

American Chemical Society
Savannah River Section
c/o Lewis C. Baylor
Equitech Int'l Corp.
6230 Woodside Executive Ct.
Aiken, SC 29803

**NONPROFIT
ORG
U.S. Postage
PAID
Augusta, GA
PERMIT NO. 346**

Address Service Requested

Please Do Not Delay - Contains Dated Announcements

**To receive *The CSRA Chemist* and other section announcements by email,
please contact ldbaylor@knology.net
or go to <http://acs-sr.home.mindspring.com>**