



# THE FILTER PRESS

Newsletter of the Georgia Section of the American Chemical Society

Volume 10, Number 1

January, 2000

## ***NMR Spectroscopy as a Tool in Fiber Studies***

***Dr. Eyerce L. Armstrong-Poston***  
***Research Associate, Science and Technology***  
***Corning Incorporated***

Dr. Armstrong-Poston joined Corning in March, 1998, as the solution NMR spectroscopist in Characterization Science and Services. She received her Bachelor of Science degree from Spelman College in Atlanta, Georgia and her Doctorate degree from Vanderbilt University in Nashville, Tennessee. Her research interests are to incorporate merged analytical technologies, such as LC-NMR-MS, as tools for investigating the microstructure of polymers, identifying molecules created by microorganisms and analyzing the chemical species produced by combinatorial chemistry. Dr. Armstrong-Poston was recently awarded the Lloyd N.

Ferguson Young Scientist Award by the National Organization of Black Chemists and Chemical Engineers (NOBCChE), as recognition for her outstanding contributions and achievements in the field of Solution and Solid State NMR spectroscopy. She has published on the characterization of polymers, the study of micro-quantity materials produced by genetically engineered organisms, small fluorinated molecules and optical wave-guide coatings.

This speaker was arranged by the Georgia Section Women Chemists Committee

## ***HERTY AWARD NOMINATIONS SOUGHT***

The Georgia Section of the ACS is soliciting nominations for the year 2000 Charles Holmes Herty Medal, which is presented annually to recognize the work and service of an outstanding chemist from the Southeastern section of the country. The award recipient is honored at a ceremony in late spring when an address is given to our section, and the gold medal (designed to commemorate the work of Herty) is given. Nominees may come from academic, government, or industrial laboratories. (See the ACS award booklet for additional information.) The deadline for

submission of nominations for the 2000 award is March 10, 2000. Please send all nominations or inquiries to:

Dr. Lihong D'Angelo,  
TEC415  
The Coca-Cola Company  
P.O. Box 1734  
Atlanta, GA, 30301  
ldangelo@na.ko.com  
(404)676-8920

***Tuesday, January 18, at the Wyndham Gardens Hotel, Marietta***



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e-mail: [mvenable@gpc.peachnet.edu](mailto:mvenable@gpc.peachnet.edu)

Georgia ACS meeting announcements are available by email. To be placed on our mailing list, just send a short message to Alan Gabrielli ([agabriel@spsu.edu](mailto:agabriel@spsu.edu))

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## THE FILTER PRESS

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*Graphics Design, Submission of materials for publication:* Direct materials for publication to Alan Gabrielli, Southern Polytechnic State University, 1100 South Marietta Parkway, Marietta, GA 30060-2896, fax to (770) 528-7490, or email to [agabriel@spsu.edu](mailto:agabriel@spsu.edu)  
*Address Changes:* ACS members should send address changes to ACS Membership Services, 1155 Sixteenth Street NW, Washington, DC 20036 or call 1-800-227-5558.

*Postmaster:* Send address changes to Margaret Venable, Georgia Perimeter College, Science Dept. 555 N. Indian Creek Drive, Clarkston GA 30021.

# January Meeting

## **NMR Spectroscopy as a Tool in Fiber Studies**

**Dr. Eyerce Armstrong-Poston**

**Corning Incorporated**

*Date:* Tuesday, January 18, 2000

*Time:* 6:30 -7:30 arrive & social  
7:30 - 8:30 speaker

*Dinner:* There is no sit-down meal for this meeting. Hors-d'ouvres will be served during the social hour.

*Location:* Wyndham Garden Hotel  
1775, Parkway Place NW,  
Marietta, GA, 30067  
(770)428-4400

*Directions:* I75, exit 112. You can see the hotel from the Interstate. If you are travelling north from Atlanta take exit 112 - 120 West, go over the Interstate, go left at the first light and immediately left again. If you are travelling south turn right at top of exit ramp, go left at first light and immediately left again.

*Cost:* \$10 per person, full time students with ID and high school teachers, \$5. Payment should be made to the **ACS Georgia Section** and will be collected at the door. Hickson Corporation has given sponsorship for this meeting, which has enabled us to maintain a low price.

*RSVP:* Lucian A. Lucia 404-894-9712, lucian.lucia@ipst.gatech.edu  
Terry Say 770-514-6003, terrysay@aol.com  
When making reservations, please state your name, choice of entree, professional affiliation, and telephone number. **Reservation deadline is 5:00 PM on the Thursday preceding the meeting. If you make a dinner reservation but fail to attend, you must still make payment for your meal to treasurer Angus Wilkinson, School of Chemistry and Biochemistry, Georgia Institute of Technology, Atlanta, Georgia 30332-0400 (404) 894-7452.**



## 2000 Georgia Section Meetings:

### **February 15th**

Twisting and Turning of DNA, a View at Very High Resolution  
Dr. Loren Williams

### **March 20th**

Learning from Interactive Web Pages  
Dr. Henry Bungay

### **April 18th**

Careers in Chemistry  
Dr. Grant Dubois, Coca-Cola  
Dr. Larry Gollob, Georgia-Pacific Resins  
Dr. Tom Lachocki, BioLab

### **May**

Herty Award

### **June**

Summer Picnic

### **October 4th**

NMR on Polymers  
Dr. Ben Luberoff

### **November 6th**

Chemistry Profession  
Dr. Cecil Dybowski

## Chair's Message

As the Year 2000 starts I find myself in the position of Chair for the Georgia Section of the ACS, voted in from a slate of one! I am looking forward to the challenge. I have spent considerable time pondering what the ACS has to offer chemists that is different from the many industry and subject specific organizations. My conclusion is that the ACS offers the maximum interface between the two worlds of chemistry, industry and academia. I am going to strive in my year as Chair to increase this interaction, to the benefit of both parties, by having a varied selection of speakers at our monthly meetings and developing a database of our local membership that will include information on a member's area of expertise, facilities, capabilities, etc. This will allow members to easily find relevant contacts with knowledge, skills, equipment and interest in a particular area of chemistry. One of the greatest opportunities for interaction between members is the monthly meeting. Unfortunately our attendance record for 1999, probably rates a "D". We have approximately 2,000 members in this section and we struggle to get 30 to attend the monthly meeting. We have been very fortunate to obtain sponsorship from several local companies this year to hold down the cost of attending the monthly meeting. This does not seem to have made much difference. I know we have been late with our publication of the Filter Press a couple of times, that is one excuse. What else is keeping you from attending - location, subject matter, cost, format???? Please let me know so that we can correct the problem and make our Section really function to full effect. You will find in this issue of the Filter Press a list of the monthly meetings from most of the year.... so that excuse is gone!!

Well enough complaining.

We have a new slate of officers for year 2000:

Chair: Terry Say

Chair-elect: Katherine Seley

Past-Chair: Rigoberto Hernandez

Treasurer: Angus Wilkinson

Member-at-large: Joyce Scanlon

Councillor: Lissa Dulany

Alternates: David Collard, Tom Netzel

The revisions to the GLS ACS by-laws were approved almost unanimously by the membership. These now give us guidance that is relevant to the 21st century. Bill McGonigal deserves our appreciation for a fine piece of work on this subject.

Tom Netzel continues to lead the local COLGA with great enthusiasm, establishing excellent contacts with local political representatives. This can only benefit us all as chemists, giving us a voice in local and state affairs when they involve our discipline. Please support Tom in any way that you can.

The Georgia Local Women Chemists' Committee lost one of its leaders this year but Jodie Grosklags has shouldered the extra work and in fact is responsible for finding our excellent January speaker. I hope you will all make every effort to attend this meeting.

We are continuing to give all the support we can to encourage the interest in chemistry at all levels of education, K-12. If you know of anything we should be involved with let me know.

The Herty committee has been selected for this year so if you would like to recommend a particular researcher please contact us. It is also tradition at the Herty Award dinner for us recognize the hard work and contributions of local members to our activities. Again if you think a member deserves special recognition let me know.

The Georgia Section has been selected to HOST the 54th Southeast Regional Meeting (SERMACS) of the ACS in Atlanta GA in the year 2003. Harry Hopkins will chair the meeting and he is currently soliciting bids from local hotels. A number of SERMACS committees, including the steering committee, will be formed by the spring of this year. Let me know if you want to serve.

In conclusion the strength of our Section relies on interaction and volunteerism. There is great satisfaction, and reward, for getting involved in the Local Section activities. As the old saying goes: "Many hands make light work" .....or is that the motto of the Electric Company. I challenge you all to come to me with any ideas for strengthening our Section and increasing its value to the Members. You can find contact information for all the Officers on our WebSite at <http://chemistry.gsu.edu/ACS/>.

Let's capitalize on 2000 members in 2000!!

Terry Say



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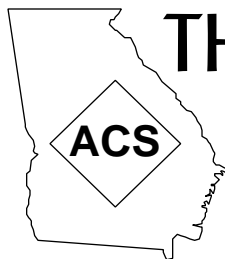
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