



January 2012
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Central Texas ACS

Established 1917

Newsletter of the Central Texas Section of the American Chemical Society
www.CentralTexasACS.org

Central Texas ACS Meeting
Tuesday, February 7th
Social Hour Begins at 6:30 pm, Dinner begins at 7:00 pm

Fueling Our Future Transportation Needs

William Chamberlin
WBC LubeTech

Iron Cactus
10001 Stonelake Blvd.
Austin, TX 78759

Dinner is \$10 for members/adults, \$5 for students
RSVP by Feb 3rd, using any of the following methods below:

Online (a link will be sent out via email)
Email James Lin @ JLin@atmi.com
Phone or text to (512) 417-5636 with full name, email

Abstract

Bill Chamberlin spent 34 years in R&D at The Lubrizol Corporation involved in advanced crankcase lubricant applications. He retired in 2004. Advanced lubricant applications that Bill has worked on include: rotary engines, direct injection two-strokes, and alternatively fueled engines. In 2003 he was recognized as the Outstanding Chemist of the Year by the Northeast Ohio American Chemical Society Section. Bill was elected a Society of Automotive Engineers (SAE) Fellow in 1995. Bill has also been active in the SAE including; Chair of the SAE Emerging Technology Committee, Chair of the Cleveland Section, and member of the SAE Sections Board. He holds 13 patents and has authored or co-authored 19 papers. He holds BA (1966) and MS (1970) degrees in chemistry from Miami University (Ohio).

Central Texas ACS: January 2012

Letter from the Chair

Dear Members:

I hope everyone had a fantastic holiday season! Our Central Texas Section consists of officers who are 100% volunteers. Volunteering is a wonderful job for community service and a great means of training for personal and career development. We welcome any suggestions and encouragement for our team. Last year, the Central Texas Section put in a great amount of resources to support SWRM which was a great success for the chemical community. We are all very proud of this achievement and the feedback received.

Looking forward to 2012, we will continue to drive the importance of chemistry via education and events with the help of more electronic media and tools. For example, we are planning to launch a social media site to facilitate communications with members. There will be an optional electronic RSVP system for routine and major events. With the new online RSVP option, members will be able to respond quickly and efficiently without sending an email or picking up the phone. Members will have the option to leave feedback anonymously. This tool will help us know what we can do better to serve our members.

We also would like to bring in speakers from different disciplines, such as Chinese medicine and Industrial Material Controls. I hope to bring more new topics that are interesting and relevant to our members, so please use the new optional RSVP system to provide feedback and suggest your favorite topics. See you all soon!

Regards,
James Lin

Looking for the top ten high school chemistry students in central Texas Section.

The 44th International Chemistry Olympiad competition is in Washington, D.C., on July 21-30, 2012. Please join us for our 28nd consecutive year in this competition. We will again hold a local section competition to select our participants on the National level Chemistry Olympiad competition, and would like to invite you and your students to join in. The National Exam will be administered April 20 at St. Edwards University.

Don Wharry has been appointed the USNCO Coordinator for this area. In order to participate, he needs only three things by **January, 24, 2010**.

- Indication of your desire to participate.
- Mailing address for test exams.
- Number of local exams you will need.

Your participation requires identifying the top students at your school through administration of an exam. Your responsibilities in this process are:

- Administer and grade the exam between the dates of March 1-March 30, 2012
- Provide me with list of test score results.
- The top two scores from each school will be invited to the national exam. If we have more than five schools participate, the top 10 scores with limit of 2 students from each campus will be followed to determine eligibility.

Again, please respond before 1/24/2010.

Don Wharry

USNCO Coordinator, Central Texas Section, American Chemical Society

donaldu@stedwards.edu

Central Texas ACS: January 2012

Fourth Annual Workshop on Electrochemistry

University of Texas at Austin

February 11-12, 2012

Registration is now open at <http://electrochemistry2012.eventbrite.com>

Confirmed speakers include:

Shigeru Amemiya, *University of Pittsburgh*, **Benoit Limoges**, *Université Paris Diderot-Paris 7*
Bruce Logan, *Pennsylvania State University*, **Tom Moffat**, *National Institutes of Standards and Technology*
Christine Orme, *Lawrence Livermore National Laboratory*, **Mike Perry**, *United Technologies Corp.*
Jim Rusling, *University of Connecticut*, **Jay Switzer**, *Missouri University of Science & Technology*
Pat Unwin, *University of Warwick*, **Jay Whitacre**, *Aquion Energy*
Henry White, *University of Utah*, **Steven Yu**, *3M*

[Join the Industrial Affiliates program](#), and all attendees from your company enjoy discounted registration for the Workshop. For more information contact workshop secretary: Angie Nelson, Senior Administrative Associate, Center for Electrochemistry

asn@mail.utexas.edu

(512) 471-3761

SWRM2011 a great success

The Central Texas Local Section of the ACS hosted the 67th annual Southwest Regional Meeting in Austin on Nov 8-12th, 2011. Austin was the site of the very first Southwest Regional Meeting of the American Chemical Society in 1945 and we were honored to be allowed to host the longest continuous running ACS regional meeting in 2011. The organizing committee put together a very strong program filled with technical sessions, professional development opportunities and social events. Over 1,250 attendees, a record number, participated in the meeting.

Our program chair, Dr. Richard Jones, put together an amazing technical program with over fifty technical sessions spanning the diverse spectrum of chemistry. There are two plenary talks, one on Thursday night featuring Dr. Susumu Kitagawa from Kyoto University. This talk was sponsored by the Rigaku Americas Corporation. The second plenary, after the awards presentation at the Awards Banquet Friday night, featured the Nobel Prize winner, Dr. Robert Curl from Rice University. The undergraduate technical sessions were a central component of the technical program and included both oral and poster sessions.

Special events occurred throughout the meeting, starting with an opening reception at the BlackStar Coop, and continuing with a Welcome reception, an Exhibitor's reception, the Marie Curie exhibit celebrating the International Year of Chemistry and the ACS Governance reception. There were career events, vendor workshops, a graduate school fair and an amazing high school teachers program.

The exposition featured over 25 different vendors and was well attended by all meeting attendees. This meeting would not be possible without the generous support of our sponsors and vendors. Drs. Brad Holliday and Simon Humphrey did a wonderful job getting support for the meeting and the generous amount of programming would not have been possible without their efforts.

Finally, we have to thank ALL of the volunteers from the local section that put their jobs and personal lives on hold as they donated hundreds of hours organizing this meeting. We first started planning for SWRM 2011 in Fall 2007 and no one anticipated the level of commitment that planning an ACS regional meeting required. None of this would have been possible without their dedication and perseverance. If you run into any of these volunteers, please thank them for their work over the last four years.

Have a wonderful New Year!
Linette and Betsy
SWRM 2011 co-chairs

PS Austin will be hosting again in 2021. The local section will be looking for volunteers!