



Newsletter



University of Missouri Local ACS Section

Volume 6, Issue 2

April 2002

From the Chair

The past few weeks have been very busy. Over 100 area high school students participated in the 2nd Annual Chemistry Day, March 8, co-sponsored by the local ACS Section, the Delta Chapter of Alpha Chi Sigma, and the MU Chemistry Department. **Kim Cook** did an outstanding job coordinating this highly successful event – congratulations Kim. Special thanks go to **Dr. Silvia Jurisson** and **Dr. Sheryl Tucker**, who supervised the two laboratory competition events. Eight area high school students, to be selected from the Chemistry Day participants, will be invited to take the local U.S. National Chemistry Olympiad qualifier examination on April 19.

On March 16, approximately 200 Girl Scouts participated in a Chemistry Workshop that was coordinated by **Dr. Sheryl Tucker** and co-sponsored by our ACS Section. Several local members also assisted with various events at the Missouri State Science Olympiad on March 16.

This year's National Chemistry Week will be celebrated on October 20-26. If you need information about or would like to participate in the local National Chemistry Week activities, please contact our local Chemistry Week Coordinator, **Dr. Steve Keller**, KellerS@missouri.edu.

Finally, please encourage your peers: academic and industrial chemists, health professionals, and students to participate in the Local Section activities ... starting with attending our Section meetings. The next meeting will be held **Thursday April 4 at 7:30 PM in 103 Schlundt Hall** on the University of Missouri campus. Refreshments will be served. An abstract of seminar appears later in this newsletter. The other Section officers and I hope to see you at the meeting and future events. Please contact me at (573) 441-0542, or via e-mail at jpuckett@socket.net if you wish to help with any of the Section's activities and/or if you have comments, questions, or suggestions.

Thank you, Jim Puckett

Next Meeting

Our next meeting will be held Thursday April 4 at 7:30 PM in Schlundt 103 on the MU campus. See page 3 for an abstract. Refreshments will be served.

Congratulations...

To **Jenna Stroble** and **Angela Soelle** from Russelville Middle School and **Andy Mossine** from West Junior High in Columbia. They were winners in the Lincoln Science Fair held last month at Lincoln University in Jefferson City. Congratulations to their teachers, **Tom Backes** from Russelville and **Kory Kaufman** from West Jr. High.

Bauman Award

Chad Inman, Lincoln University, is the 2001 recipient of the John Bauman Travel Award. Upon hearing the news of his award, Chad shouted, "I'm going to Disneyworld!" Chad will use the funds to travel to the ACS meeting in Orlando, Florida to present research he is performing in Dr. **Steve Keller's** lab. Good luck to Chad in FLA.

As always, the John Bauman Travel Award provides funds for undergraduate students to attend scientific meetings. The next deadline is February 1, 2001. But you can submit your application anytime for more information about the award, including application instructions: www.chem.missouri.edu/acsllocal/acsllocal.htm

Thanks to Mike Schweder

We'd like to extend a special "Thank You" to Mike Schweder who has provided invaluable assistance with the chemical and equipment preparations for Chemistry Day, the Science Olympiad, and Chemistry Olympiad. We can't do it without you Mike!

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Treasurer's Report

CHECKING ACCOUNT BALANCE

\$6959

SAVINGS ACCOUNT BALANCE

\$2621

RECENT EXPENDITURES

\$523 Social dinner and meeting

\$500 Support of Alpha Chi Sigma

\$75 Lincoln University science fair prizes

\$189 January newsletter mailing

RECENT RECEIPTS

\$4833 yearly allotment from the national ACS

Upcoming Section Events

Apr. 4 Meeting

Robert J. Radel

Chemical Weapons: What, Where, and How

See page 3 for more information

Sept. 5 Meeting

Carolyn Fisher

Spices & Herbs: Chemistry and Health

Time and Place TBA

Oct. 17 Meeting

C. Marvin Lang

The Elements of Chemical Leadership - Chemical Demonstrations with a Theme

Time and Place TBA

Oct. 20-26

National Chemistry Week 2002

ACS Meeting Schedule

Apr. 7-11

National ACS Meeting, Orlando, Florida

Aug. 18-22

National ACS Meeting, Boston, MA

Oct. 23-25

Midwest Regional ACS Meeting, Lawrence, KS

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www.chem.missouri.edu/acslocal/acslocal.htm

Our Next Local Section Meeting

Thursday April 4

7:30 PM

Schlundt 103

University of Missouri-Columbia Campus

Robert J. Radel, Ph.D.

Chief, Chemical Test Division

Dugway Proving Ground

CHEMICAL WEAPONS: WHAT, WHERE, HOW?

ABSTRACT: We'll take a quick ride through the history of chemical weapons, beginning as early as 2000 BC and up to the present day. Along the way, we'll look at the chemical structures and modes of action of various types of chemical warfare agents. Most of these agents were developed in the World War II and Korean War time-frame, so the U. S. and the rest of the world have built a stockpile of these weapons. We'll take a look at the U. S. Stockpile and at some of the specific sites where they are being destroyed, including a closer look at the Johnston Atoll site. Finally, we'll take a look at what is going on around the world in terms of stored materials.

refreshments will be served