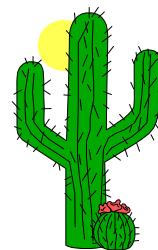




The ACS Newsletter



Newsletter of the Southern Arizona Section of the American Chemical Society

From the Chair

It has been a busy start to the year! We have had three very successful events so far. The tour of Colossal Cave and cowboy cookout was well attended and enjoyed by all despite the chilly evening. Fifty members and their guests attended the Chemistry and Alchemy of Brewing talk held at the Red Sky Café in March. I think everyone enjoyed a fine meal and a good beer or two. In April we held our annual awards reception at the Flandrau Science Center honoring our high school teacher of the Year, Mrs. Ellen Caldwell, and Mr. Thomas Mathewson who has been an ACS member for 50 years. Read more about this event on page 2 of this newsletter.

Plans are being made for our fall activities: our annual picnic, a joint dinner meeting with the Central Arizona Section, career events, and National Chemistry Week. See the calendar for a complete list. Watch your mail and our web page for more information about these and other events.

It has been a pleasure to meet so many members of the local section. I look forward to continuing this trend in the fall when we resume our meetings. Have a great summer.

As always if you have questions, concerns or comments please contact me at 770-1259 ext. 137 or pschumann@imarx.com or any of the other section officers.

Best Regards,

Pat Schumann

Chair 2002

Mentoring Anyone?

A mentor is a person who is enthusiastically committed to the personal growth and professional development of a less experienced individual. This person could be in your organization, in your profession, or just a person who has experience in the type of problems you face in industry, academia, or government.

SHOULD YOU HAVE A MENTOR?

Your boss doesn't understand what you're saying. Department meetings find you tongue-tied. A simple technical report seems to take forever. This job doesn't seem to be going anywhere and yet you don't know what kind of position would give you what you want. You know what you want professionally but you don't know how to get it. Any of these situations sound familiar? If so, perhaps you should consider a mentor.

SHOULD YOU BE A MENTOR?

Many of you are already mentors, either formally or informally. Perhaps you would like to be more active than you already are in this area. For those of you who have never mentored, consider the satisfaction of helping the

next generation of leaders develop. It is also gratifying to give back to the community in some small way the assistance you yourself received along the way.

WHAT TO DO

Finding appropriate mentors and making contact with them is sometimes the single most difficult part of the process. If there is enough interest, we can develop ways within the local section for potential mentors and mentees to meet. So, if this is a program that you think can help you or if you think this is a way for you to give back, let us know. You can contact any of the Officers of the Section or call me, Tom Gedemer, at 818-2458 or via e-mail at REMEDEG@aol.com.

From the Awards Committee



At the Annual Awards Reception, held on April 2 at the Flandrau Science Center & Planetarium, Ellen Caldwell a High School Chemistry teacher at Palo Verde High Magnet School in Tucson, was presented with the 2002 High School Chemistry Teacher Award of the Southern Arizona Section. The award, funded by VWR International & EM Science, consists of an engraved plaque, a monetary award of \$500 to the teacher, and supplies for the teacher's school valued at \$500.

Also on April 2, Thomas Mathewson was presented with a certificate in celebration of 50 years as an ACS member, which he achieved during 2001. You may have noticed that C&EN recently listed five Southern Arizona local section members among those reaching 50 years of membership in 2002. We will be recognizing these individuals at a later date.

Rounding out our recognition on April 2, Steve Brown, chair of the Southern Arizona Section in 2001, received a "Past Chair" pin recognizing his leadership and service to the section as chair during 2001.

Congratulations are also due to two local section members who recently received ACS awards at the national level. **Professor Michael Doyle**, President of Research Corporation and Professor of Chemistry at the University of Arizona, received the 2002 George C. Pimentel Award in Chemical Education. His citation noted "in his 30-year career he has surely changed the national landscape in chemical education by fostering research at undergraduate institutions." **Professor Victor J. Hruby**, Regents Professor and Professor of Chemistry and Biochemistry at the University of Arizona, was the 2002 recipient of the Ralph F. Hirschmann Award in Peptide Chemistry. He was honored for his contributions to the chemistry of peptide hormones and neurotransmitters and biological analogs. These awards were presented at the recent National ACS meeting in Orlando.

Derek Redmore, Awards Committee

Do you like to throw a party? Meet new people? Manage data? Share information?

We are looking for you!

The local Section is seeking volunteers for the following positions:

Event Coordinator -to plan and coordinate events such as the dinner meetings.

Membership - maintains and organizes a membership list for adjunct members to the local Section.

Public Relations/Communications - Love to talk? We need someone to help promote local Section events to the public.

If you are interested in one of these tasks or would like more information please contact Pat Schumann or Wayne Adickes (contact information provided in the officer's list at the end of this newsletter).

Education Committee Report

In years past, our local section has had a very active chemical education committee. Recently this activity has waned. It is our intent to rejuvenate this committee and its activities. Your help is solicited.

We have begun by defining the Committee's charge: To provide support to chemical education in southern Arizona. There are three main areas of emphasis:

- A. Teacher support. Providing recognition and resources for chemical educators.
- B. Student support. Recognition of student achievement and development of student interest in the chemical sciences.
- C. Community efforts. De-mystification of chemistry in the lay mind.

Starting in the Fall, the committee will have monthly meetings during the school year. These will be the third Wednesday of the month with the first occurring August 21st at a time and location TBA. Meetings will be open to all local section members, local K-8 science teachers, HS chemistry teachers, PCC and UA instructors, and any other interested parties. The purpose of these meetings will be to plan events and to discuss issues of common interest.

The current agenda for the August meeting is:

1. Support for National Chemistry Week
 - A. Public demonstration presentations by students. The section provides advertising and "prizes".
 - B. Classroom visits from ACS members. Development of a mechanism to match ACS volunteers with interested teachers for career and science related interactions.
2. Science Fair Support
 - A. Establishment of awards for chemistry related entries.
 - B. Development of a mechanism for soliciting judges from our ACS members.
3. Solicitation of nominations for our Local High School Teacher Award
4. Discussion of support for the Arizona Undergraduate Research Symposium scheduled for November.

In addition to the meetings, the committee will develop a community dialog via a chemical education listserv. If you would like to be added to this listserv, please contact Steve Brown (sbrown@u.arizona.edu).

Finally, if you are interested in participating in the committee or any of its activities, please contact one of us for details regarding time and place of our August meeting.

Ann Marie Condes, Education Committee Chair (amcondes@fc.cfsd.k12.az.us)

Steven L. Brown, Past Chair and National Chemistry Week Coordinator (sbrown@u.arizona.edu)

20th International Symposium on the Organic Chemistry of Sulfur

Southern Arizona Section members are cordially invited to participate in the 20th International Symposium on the Organic Chemistry of Sulfur (ISOCS XX) which will be held on the Northern Arizona University Campus in Flagstaff, Arizona, July 14-19, 2002. This is the first time this biennial symposium series will convene in North America, and we hope to make it a memorable event. The conference venue in the American West, renowned for its hospitality, will complement the first-class science typically presented at these meetings. In addition to the innovative cutting-edge research presented by an international group of distinguished plenary and session lecturers, there will be contributed papers. The five topics in sulfur chemistry that will be featured at this meeting are: Synthesis, Structure, Mechanism and Theory, Catalysis, Bioorganic and Natural Products, and Materials Science. Participation by younger scientists is especially encouraged. This is an excellent opportunity for

discussion with leaders in the field. The meeting will also be conducive for interaction between academic and industrial scientists.

More information on the conference can be found at <http://www.isocsxx.arizona.edu>, or by e-mail at ISOCSXX@u.arizona, or by calling 520-621-8407.

We look forward to welcoming you at ISOCS XX.

Dr. Richard Glass and Dr. Wayne Adickes

Local Organizing Committee

2002 Rocky Mountain Regional Meeting

The Central New Mexico Section of the ACS is pleased to extend an invitation to attend the 2002 Rocky Mountain Regional meeting in Albuquerque, NM, on October 12-15, 2002, at the Hyatt Regency. The Call for Papers is available at <http://www.ACS-RM02.org>. The meeting includes general sessions and topical symposia that should be of importance to you. These topical symposia include Bioinformatics, Chemical Technicians, Drug Discovery, Education, Energy, Environmental Issues in the Southwest, Materials, Nanomaterials/Nanosynthesis, Nuclear Chemistry and Technology, Photonic Materials, and Proteomics Mass Spectroscopy.

The New Mexico Tech Chemistry Club will be organizing a program for undergraduate/graduate students with the overall theme of "The Light at the End of the Tunnel ... See Your Future in Chemistry". Additional information on this program is available at <http://www.nmt.edu/~chemclub/acs.html>.

Our Regional Meeting will be more colorful this year because it overlaps the Albuquerque International Balloon Fiesta, October 5-13. Further information on the Balloon Fiesta is available at <http://www.aibf.org/>. This is Albuquerque's largest tourist event, so meeting attendees will need to plan early to attend. Consider booking your room at the Hyatt a little early, because of the attendance expected for this event.

Sincerely,

Organizing Committee, ACS 2002 Rocky Mountain Regional Meeting

Notes From the Orlando National Meeting

- The ACS Council approved membership dues of \$116 for 2003. In 2003 renewal of membership, payment of dues, changes to membership of divisions, change in address etc, will be available electronically.
- At the Boston National Meeting in August 2002 there will be changes to the NECH (National Employment Clearing House) of which members should be aware. The NECH will be fully electronic and paperless for the first time. As a consequence of this, there will be **NO** on-site registration. However, electronic pre-registration will be available up to midnight on the Friday prior to the meeting.
- A request has been issued for new career consultants by the Department of Career Services. Career consultants provide valuable assistance to members such as resume review and career advice. If you are interested in becoming a career consultant, send an e-mail to careers@acs.org or call 1-800-227-5558, and ask for career services.
- Have you checked out the salary comparator that is available to members on the ACS web site (<http://center.acs.org/applications/acscparator/page01.cfm>)? Many members have expressed the value of this service. If you are looking for a job, remember that jobs advertised in C&EN are not automatically placed on the Job Spectrum web site – so don't forget to check both sources. The Job Spectrum web site can be found at <http://www.jobspectrum.org>.

- The Local Section Activities Committee (LSAC) has placed a call for new Tour Speakers. Would you like to meet members in other local sections? Do you have a topic of interest to speak about - chemistry or your hobby? If you are interested in visiting local sections across the nation to talk about your specialty, get in touch with the LSAC. They are especially interested in women, minority, and industrial speakers. Contact the LSAC at (202) 872-4610 or olsa@acs.org.
- This year the Women's Chemistry Committee (WCC) is celebrating its 75th anniversary. Watch for the special reports in C&EN and at regional and national meetings.
- The Committee on Patents and Related Matters is about to release a new version of "What Every Chemist Should Know About Patents." This new version provides an update of recent changes to patent law. It is available on the ACS website (<http://www.acs.org>, using the quick find drop-down box and select Govt Affairs) or you may request a hard copy from the ACS Office of Legislative and Government Affairs (tel: 202-872-4386, email: govtrelations@acs.org).
- The Council voted to select as nominees for 2003 President-Elect: Professor Charles P. Casey, University of Wisconsin, Madison (Steenbock Professor in Physical Sciences) and Professor Alvin L. Kwiram, University of Washington, Seattle (Vice-Provost for Research). In addition, the fall ballot will have candidates for District VI Councilor, for which section members are eligible to vote. The candidates are: Howard M. Peters, Stanley C. Pine, and Stephen A. Rodemeyer. If you would like to see the biographies of any of the candidates, please let me know. Also if you would like to suggest any candidates for consideration by the Committee on Nominations and Elections, contact Professor Michael Doyle, who is a member of the Committee on Nominations and Elections at mdoyle@u.arizona.edu.

Jackie Nicol, Councilor

Women's Chemist Committee

If you are interested in establishing a Women's Chemistry Committee within the Southern Arizona Section, please contact Jackie Nicol (799-7527; Jackie.Nicol@moltech.com). We would like to hold a first meeting this summer.

Calendar of Upcoming Events

July

20th International Symposium of the Organic Chemistry of Sulfur (ISOCS XX)
Flagstaff, AZ
July 14- 19, 2002

August

ACS National Meeting
Boston, MA
August 18-22, 2002

1st monthly Open Education Committee Meeting
August 21, 2002, location and time TBA

September

Annual Picnic – TBA

Joint Dinner Meeting with Central Arizona Section
Casa Grande, AZ



October

Rocky Mountain Regional Meeting
Albuquerque, NM
October 12 –15, 2002
<http://www.ACS-RM02.org>



National Chemistry Week
Theme: Chemistry Keeps Us Clean
October 19-26, 2002

November

Undergraduate Research Symposium
Tucson, AZ
TBA

Career Workshops – TBA

Local Section Election

Chemistry.org Offers Weekly E-mail Newsletter

One of the best ways to keep your finger on the pulse of ACS is by visiting chemistry.org, the Website of the American Chemical Society. But busy professionals don't always have the time to keep up with all the new content that's being published on chemistry.org each day. That's why we developed a weekly newsletter to bring the latest and greatest content direct to your e-mail address.

Each week, subscribers receive:

- ❖ Quick summaries of our feature stories complete with
- ❖ Color pictures and live links to full articles;
- ❖ A short description of what's new on chemistry.org;
- ❖ Links to free articles from Chemical & Engineering News, Modern Drug Discovery, and Today's Chemist at Work;
- ❖ Links to the latest offerings from CAS.

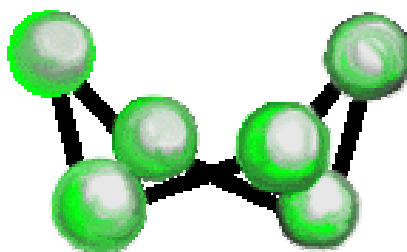
The chemistry.org newsletter gives you an efficient summary of the information you want from ACS and lets you decide what to pursue.

Subscribing (and unsubscribing) is free and easy. Just visit chemistry.org and register. Check the "Mailing List" option on the registration form and you'll begin receiving the newsletter the following Monday. If you've already registered on chemistry.org, you can subscribe to the newsletter by editing your profile and checking the "Mailing List" option.



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Look Inside For...



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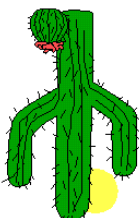
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