

Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

Volume 22 No. 3

To the Participants of the 219th ACS National Meeting Welcome to San Francisco!

On behalf of your co-host, the Santa Clara Valley Section, I want to welcome you to the San Francisco Bay Area. The Santa Clara Valley Section, with over 3,300 members, includes five California counties: San Mateo, Santa Clara, Santa Cruz, San Benito, and Monterey and was

formed and incorporated in 1954. Its neighbor to the north and east and parent, the California Section, is our co-host for this National Meeting. The Santa Clara Valley section has an active core of volunteers participating in programs such as annual High School Chemistry Competition,

Chemistry Olympiad, and National Chemistry Week events. We have active committees in Minority Affairs, Student Affiliates and Awards.

There are other organizations in this geographic area that specialize in fields such as separations and mass spectrometry. See www.scvacs.org for more information.



Chair's Message



Mission statements by themselves usually contain so much jargon as to render them incomprehensible or are written so generally they become meaningless. More is needed to truly understand an organization's vision and purpose. The ACS communicates its mission through its Strategic Plan:

www.acs.org/acsinfo/strategicplan.pdf

"The mission of the American Chemical Society is to encourage in the broadest and most liberal manner the advancement of the chemical enterprise and its practitioners."

The ACS's Strategic Plan further defines the mission statement with a vision statement that expresses how the ACS accomplishes its mission: "The American Chemical Society will be the premier membership organization for chemists, chemical engineers, and allied professionals worldwide; number one chemical informa-

continued on next page

Harry and Carol Mosher Award Lunch and Symposium

Wednesday, March 29, 2000, 12:00 - 5:00, San Francisco

The Harry and Carol Mosher Award was established in 1980 to: (1) recognize and encourage outstanding work in chemistry; (2) advance chemistry as a profession; and (3) recognize service to ACS. The award is named for Dr. Harry Mosher of Stanford University and Carol Mosher of SRI, charter members and long-time supporters of this section.

This year, the Santa Clara Valley Section, with the Division of Chemistry and The Law, will host the 20th annual Mosher Award as a lunch and symposium honoring the previous Mosher Award recipients as well as Drs. Harry and Carol Mosher at the ACS National Meeting in San

Francisco. The lunch will be held at the Hilton Hotel in San Francisco and will cost \$40. Tickets may be purchased on-site in the National Meeting registration area at Moscone Center up to 48 hours in advance. See C&EN (January 17, page 115) for more information. Refer to event number 124. You may also contact Dr. Howard Peters (650) 324-1677, Ean Warren (650) 329-4554 for more information or visit our web site:

www.scvacs.org

- 12:00 Introductory remarks and lunch
- 1:50 Opening remarks, *Drs. Howard Peters and Jamil Talhouk*
- 2:00 The Remarkable Story of the Structure of Taricatin, *Dr. Harry Mosher*
- 3:00 A Retrospective of the Research Career of Carol Mosher at SRI, *Dr. Carol Mosher*
- 3:30 Asymmetric Synthesis, The Book, *Dr. James Morrison*
- 4:00 Thirty Years in Research Chemistry, Patent Law and Information Technology in the Silicon Valley, *Dr. Howard and Sally Peters*
- 4:30 Natural Products Chemistry, *Dr. Paul Wender*





Kidvention

The Carver Kidvention component of the celebration is organized, in part, by members of your local section and will kick off Saturday, March 25, at 9:30 am, when 300 minority third- and fourth-graders from Santa Clara Valley and their parents arrive at the convention center for "Carver Kidvention." The event is being organized by the ACS Santa Clara Valley Section, the ACS Division of Chemistry and The Law, the ACS Committee on Minority Affairs, the ACS Committee on Patents & Related Matters, and the Santa Clara Valley Alliance of Black School Educators.

The daylong event will include a brief presentation intended to demystify the inventive process. The students will learn that everyone can be an inventor and will demonstrate their abilities with tin cans, string, and coat hangers. In small work groups, they will identify a problem to solve, a target customer, how the new invention will be marketed, a cost breakdown, and a name for their invention.

This activity has caught the attention of the Patent & Trademark Office, which has said that it may put the resulting inventions on the PTO web site for K-12 students as examples of model invention events for kids.



Chair Messages, continued from front page

tion provider; and leader in advancing the scientific literacy of students and the public's appreciation of chemistry." The Strategic Plan details the vision statement in the later pages. If you have not read the Strategic Plan lately, I suggest you do so; it is the best document that describes what the ACS stands for and why we support it as members.

Ea Warren

DIVERSITY IN YOUR CLASSROOM

How to Bring Indigenous/Cross-Cultural Chemistry to Your Students

In Summer 2000, Project Inclusion (PI) will offer intensive, hands-on, four-day workshops that provide resource materials and strategies to chemical educators at all levels as they reach out to help all students understand that chemistry is universal. One workshop will be held at the Chemical Heritage Foundation in Philadelphia, PA, June 25-29; the other at Mt. San Antonio College, Walnut, CA (Eastern Los Angeles County), July 9-13. Registration will continue until each workshop is full. There is NO fee for the workshop and some meals will be provided for all participants. In addition, partial financial support (for room and board) will be available upon application. Travel expenses are each participant's responsibility.

PI is an effort to research, develop and disseminate resource materials that focus students' attention on the chemical contributions of women and other underrepresented groups. Among the workshop activities are sharing current PI resource materials, taking a daylong field trip to a local, indigenous chemistry site, researching, writing and sharing a short resource piece for classroom use in the upcoming academic year. Co-project directors Patricia L. Perez and Janan M. Hayes will conduct the workshops. Please contact either program director for further information.

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SUMMER INTERN: The APS Washington Office Needs a Little Help

We're looking for a physics major with great writing skills and a genius IQ to spend eight to ten weeks in Washington fighting the Philistines; the dates are negotiable. We might bend a little on the genius thing. Write opa@aps.org for details. We'll need a resume, writing sample, and two references by e-mail. Polygraph not required, but color-coded badges are under review. We note that recent Washington interns became both rich and famous.

Hospitality Center

As you all know the 219th National Meeting of the ACS is in San Francisco from March 26th to 30th. Because of its convenience, many of you are planning to attend. Please donate two hours to help the local section host the meeting. (See page 111 of the preliminary program in the January 17th C&E News) The Santa Clara Valley and California sections are jointly staffing the Hospitality Center. For the first time, the Center will be located in the registration area of the meeting in Moscone Center. Traditionally the Center is open from 12:00 - 6:00 pm on Saturday; 8:30 - 5:00 pm Sunday through Wednesday, and 8:30 - 12:00 on Thursday. That is about 20 two hour segments. It is anticipated that this will be the best attended ACS meeting ever, so we would like to have 2-3 volunteers available at all times. What is needed? Only an enthusiasm for our beautiful area. Questions are as varied as "Where is a good place to eat?" to "Is the weather always this great?" to "Can I drive to Yosemite and back in a day?" I will have maps, guide books, and brochures available to help answer the more difficult questions. Spouses are also welcome to help!

By the time you receive this newsletter, your plans for the meeting may be made, but you can still contact me so I can schedule you to help your fellow chemists! The meeting promises to be a busy and exiting time.

Contact: *Sally Peters*, 650-854-4614 or 650-812-4994, speters@parc.xerox.com

CALL FOR VOLUNTEERS

National Historic Chemical Landmark

The SCV-ACS will establish a National Historic Chemical Landmark (NHCL) in October/November 2000 at Stanford University Medical Center and UCSF in San Francisco to commemorate the pioneering research of Dr. Stanley Cohen (SU) and Dr. Herbert Boyer (UCSF). It will be the first NHCL to honor an advance in biochemistry. Volunteers are need NOW to serve on the organizing committee, finalize the proposal, raise funds, and organize and run the Landmark Event.

Please contact ASAP for more information:

Dr. Howard Peters
Acting Chair
(650) 324-1677 Ext 20
e-mail: peters4pa@aol.com



Kidvention

The SCV-ACS Section will hold a KIDVENTION at the National ACS meeting.

This is a hands-on opportunity to learn about patents and inventing. The program will be for about 200 local 3rd and 4th graders at Moscone Center from 9-2:30 on Saturday, March 25. This is an urgent call for volunteers to participate in the planning, be coaches or mentors and volunteer for the fun on March 25. A great time will be had by all.

Please contact:

Dr. Hugh Dubb
Acting Chair
(650) 591-4243
e-mail: hdubb@earthling.net



Hospitality Suite for the ACS National Meeting

Do you have a secret desire to be a San Francisco Bay Area Travel Agent? Do you enjoy sharing your knowledge of the Bay Area with others? Do you like helping other chemists and their spouses find worthwhile things to do in the area? If you answered yes, you might be interested in volunteering at the Hospitality Suite for the ACS National Meeting, March 20 to 24.

Volunteers are needed to answer questions from fellow chemists attending the National Meeting about activities in the Bay Area. You don't need to be an expert, just informed. If you can volunteer for a couple of hours during these days, please contact:

Sally Peters
(650) 854-4614
e-mail: speters@parc.xerox.com



Chemistry Olympiad

Roy Rocklin, Chemistry Olympiad coordinator, is inviting chemists interested in the Olympiad to help out with this year's event. This will involve spending one Saturday in April helping with the National Examination, as well as an hour or two stuffing envelopes.

The Chemistry Olympiad begins with a local section test administered to high school students. The top performers are invited to take the National Examination. Winners of this exam are invited to an all-expenses-paid retreat at the Air Force Academy in June, where they continue studying chemistry.

Top students from this group are selected to be on the U.S. team that competes in the International Chemistry Olympiad. If you would like to help, contact:

Roy Rocklin
e-mail: Rocklin@aol.com



Students Needed-ACS National Meeting

San Francisco March 26-30, 2000

Operations Assistants: Assist in distribution of literature, run errands, and set-up poster sessions.

Registration Assistants: Distribute badge holders and programs, assist with credit card registration lines.

Students will be paid \$7/hour plus parking.

Please contact: **Dr. Jamil Talhouk**
Fax: (925) 449-1866
e-mail: esp@value.net



Public Understanding of Chemistry Day

Saturday, March 25, 2000

Any assistance you can provide in encouraging participation would be appreciated. Any suggestions of places to put announcements inviting the public to come see the demonstrations would also be appreciated. There might be a need for a few volunteer helpers.

For Chemagination competition, contact:

Kathleen Thompson
e-mail: kmt97@acs.org

For K-8 demonstrations, contact:

Michael Tinneland
e-mail: mjt97@acs.org

For 2-3 overall traffic monitors, contact:

Michele Gandy
e-mail: m_gandy@acs.org
Chris Pruitt
e-mail: cpp91@acs.org





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MARCH 2000 NEWSLETTER TOPICS:

- Welcome to San Francisco
- Chair's Message
- Harry and Carol Mosher Luncheon and Symposium
- Diversity in Your Classroom
- Kidvention
- Hospitality Center
- Summer Intern:
 - The APS Washington Office Needs a Little Help
- Editor's Corner
- Call for Volunteers

Time Value!

CHEMPLOYMENT ABSTRACTS

Visit our web site at:



www.scvacs.org

SANTA CLARA VALLEY SECTION

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Chair-Elect	Sally Peters	650-812-4994
Secretary	Karl Marhenke	831-479-6263
Treasurer	Hong Gao	650-494-5197
Past-Chair	Jamil Talhouk	925-449-2664

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1998-00	Sally Peters	650-812-4994
1999-01	Bonnie Charpentier	650-354-2344
1999-01	Herb Silber	408-924-4954
2000-02	Maureen Scharberg	408-924-4966
2000-02	John F. Riley	650-328-2746
2000-02	Ean Warren	650-329-4554

Alternate Councilors

1998-00	Jamil Talhouk	925-449-2664
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1999-01	Jonathan Touster	650-723-4340
2000-00	George Lechner	408-226-7262
2000-02	Roy Okuda	408-924-2525
2000-02	Donna Drogos	408-265-2600
2000-02	Lance Wong	650-829-1148

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 Web Site: www.sisweb.com

FUTURE MEETINGS

Mar 25	Kidvention, San Francisco
Mar 26-31	National ACS Meeting San Francisco
Mar 29	Mosher Award Luncheon and Symposium San Francisco
Apr 26	SCV Dinner Meeting <i>Dr. Carl Djerassi</i>
May 20	Illustrating Nature Exhibit UCSC, Santa Cruz

For the latest information, please visit the
 SCV ACS Web Site: www.scvacs.org

CHEMPLOYMENT ABSTRACTS

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