January 2012

Happy New Year!

I have assumed the responsibility for chairing the section in 2012. Abby Kennedy has done an excellent job and, under her leadership, the Santa Clara Valley local section has prospered. I only hope to do as well. Each incoming section chair is asked by National to set goals for the section. My three goals are:

1. To increase involvement in local section activities by more section members. I plan to re-establish and re-invigorate a program committee, a public relations committee and a membership committee.
2. To continue the active chemistry outreach program that the section conducts, including
3. The 2011 Harry and Carol Mosher Award Winner

The 2011 Harry and Carol Mosher Award Winner

William F. Carroll, Jr. Ph.D.

The Best Newscripts and K. M. Reese

If you’re like me, you probably read the beginning and end of Chemical and Engineering News before (and maybe instead of) the stuff in the middle. The back page of C&EN, Newscripts, was the province of Ken Reese for nearly 35 years. His eclectic and wry sense of humor made that section the place many of us turned first.

This talk, which is an extension of a presentation made in the late Professor Jack Stocker’s symposium “Whimsy in Chemistry” is a compilation of and commentary on some of the best and funniest blurbs presented in Newscripts between 1930 and 2000.

Biography

Dr. William F. Carroll, Jr. holds a Ph.D. in Organic Chemistry from Indiana University in Bloomington. He is currently Vice President, Industry Issues, for Occidental Chemical Corporation and also an Adjunct Professor of Chemistry at Indiana.

Bill is a Past President (2005) of the American Chemical Society, and a current member of its Board of Directors. He is a Fellow of the Royal Society.

February Dinner Speaker

On the 16th, Dr. Ripudman Malhotra from SRI International will be our guest speaker. His topic is “A Cubic Mile of Oil”. That’s over 4 trillion liters. Sounds intriguing! The location and time have not been determined, so please check our web site www.scvacs.org for further details.

January Dinner Meeting

Date: Thursday, January 19, 2012
Time: 6:00 Social Hour
8:00 Presentation
8:00 Dinner

Speaker: Dr. William Carroll
Former President of the American Chemical Society

Location: Biltmore Hotel & Suites
2151 Laurelwood Boulevard
Santa Clara, CA

Cost: $26.00, Chicken Monterey or Vegetarian Crepes

Reservations: www.scvacs.org
Sally Peters 650-812-4994

Reservations should be made by January 16th stating your name, address, company/school affiliation, number of people in party. Watch the web site for more information. If you are unable to honor your reservation and do not cancel by Wednesday, January 18th, you will be invoiced following the dinner meeting.
Chair's Message, continued from front page

• And he is now the winner of the Santa Clara Valley Section’s highest award, the Harry and Carol Mosher award. This award was established in 1980 by our Section 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 the late Dr. Harry S. Mosher of Stanford University, and Dr. Carol W. Mosher of the Stanford Research Institute International, Menlo Park, husband and wife and charter members and long-time supporters of this Section.

  The award currently consists of an engraved plaque and a check for $2000. Bill has very generously decided to donate his stipend back to our Section to support the Community College Teacher Scholar Award, for which he receives our heartfelt thanks.

  The first scientists to receive this award were Drs. Harry and Carol Mosher themselves in recognition of the inspiration of their example. The committee noted that the Moshers, including a brother, Dr. William A. Mosher, also a chemist, are outstanding examples of the qualities to be recognized and honored by this award.

Local Science Fairs in 2012

Now that the holidays are over, we are starting another important time frame – Science and Engineering Fair season. From January to June there is a time of intense effort of important competitions at the local, regional, state and international levels. There is always a great need for category judges for these exciting science fairs (especially in the areas of botany, biology, biochemistry, chemistry, microbiology, and the behavioral/social sciences). In addition, we have a need for a few interested members for our SCV-ACS sponsored awards for the Santa Clara Valley Science and Engineering Association’s fair, the Synopsys Championship. So, no matter which fair includes your hometown, please volunteer now!

San Mateo County Science, Math and Technology Fair

Date: January 31, 2012
Location: Hiller Aviation Museum, San Carlos
Contact: Dr. Christi Harter
charter@smcoe.k12.ca.us
(650) 802-5401
www.usc.edu/CSSF/Fairs/400.html

SCIENCEPALOOZA

East Side Union High School District fair, where many of the students are first time science fair participants
Date: Saturday, February 11, 2012
Location: Santa Clara County Fair Grounds, San Jose
For more information, visit www.outreach-foundation.org/judges.html

Monterey County Science and Engineering Fair
Sixth through twelfth grade Monterey County students
Date: Saturday, March 3, 2012
Location: California State University, Monterey Bay
For more information, visit www.montereycountysciencefair.com

San Francisco Bay Area Science Fair - ISEF affiliate
While San Mateo County students are eligible, they will not be able to qualify for the California State Science Fair (CSSF).
Date: Wednesday, March 14, 2012
Location: San Francisco County Fair Ground Building - Golden Gate Park
Contact: Robert Fabini sfbas@gmail.com
www.usc.edu/CSSF/Fairs/300.html

2011 Mosher Award, continued from front page

of Chemistry, and chair or member of a number of committees for the National Research Council of the National Academy of Sciences. He is a member of the advisory board for the Tulane University School of Science and Engineering. In 2009, he was chair of the Council of Scientific Society Presidents.

On behalf of OxyChem he has chaired numerous committees for industry associations, including the American Chemistry Council and the Vinyl Institute. He has served on expert groups commissioned by the United Nations Environment Programme, the US Environmental Protection Agency and three states—most recently the California Green Ribbon Science Panel.

Bill holds two patents, and has over sixty publications in the fields of organic electrochemistry, polymer chemistry, combustion chemistry, incineration and plastics recycling.

Bill has received the Henry Hill Award, sponsored by the ACS Division of Professional Relations, the Michael Shea Award from the Division of Chemical Technicians, Distinguished Alumni Awards from both Indiana and DePauw University and the Vinyl Institute’s Roy T. Gottesman Leadership Award for lifetime achievement.

And he is now the winner of the Santa Clara Valley Section’s highest award, the Harry and Carol Mosher award. This award was established in 1980 by our Section to:

1. Recognize and encourage outstanding work in chemistry,
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Welcome to the Santa Clara Valley Section of ACS

Each month the section receives a spreadsheet from national ACS with the names of members new to our section. The members are either new to ACS, have transferred in from other areas, or are the newest members – students. To welcome you to the section and get to know you, the Executive Committee offers new members a free dinner! To encourage you to attend a monthly section dinner meeting, we would like you to be our guest. When you register, make certain to mention that you are a new member and you and a spouse (or friend) will be our guests. The dinner meetings are often the 3rd Thursday of the month at a local spot, somewhat convenient to the entire section. If you are unable to attend in the evening, perhaps you would join us for an outreach event, like judging a science fair, participating in the Chemistry Olympiad, or a National Chemistry Week event in October. Then, there is our annual wine tasting and awards picnic in July. The local section is a volunteer organization. Please attend an event, volunteer to help, and get to know your local fellow chemists. Welcome!!

New Members List for December

Jennifer Albrecht
Philippe Bergeron
Peter Bergstrom
Jeffrey Berry
Dr. Alexandre Blumstein
Dr. Rita Blumstein
Alexander Burns
Dr. Xiaowu Chen
Jennifer Chuang
Dr. Xiaowu Chen
Dr. Robert A. Hess
Michael J. Hayes
Dr. Pingjiao Hao
Emily J. Hanan
Dr. Felix Gonzalez Lopez
Vanessa J. Gaoiran
Marc R. Gancayco
Elena Dubikovskaya
Terrance Crawford
Ileana Constantinescu
Jennifer Albrecht
Bahman Zohour
Abigail Sloan Devlin
Brendan R. Dsouza
Dr. Timothy D. Owens
Srinivas Nimmagadda
Lucian Young
Dustin M. Ledbetter
Thu Le
Dr. Haikui Krupka
Dr. Jeremy Lackey
Michael V. Lim
Dr. Baiwei Lin
Joshua E. Little
Jamie Liu
Dr. Alonso Alonso
Dustin M. Ledbetter
Yan Li
Elizabeth Lieu
Michelle Lim
Dr. Biwei Lin
Kevin Little
Carson R. Lim
Dr. coworker Lim
Leung Lim
Dr. Vincent Liu
Jinrong Liu
Yanzhou Liu
Louise Mae R. Lopez
Becky K. Lu
Qiang Ma
Pranit Manna
Kezia S. Mazur
Erica R. McKenzie
Dr. Dustin Lee McMinn
Dr. Ashley Mynar PiekarSKI
Nhi Ngo
Andrew D. Nguyen
Angelina N. Nguyen
Joey Nguyen
Sririvas Nimmagadda
Dr. Timothy D. Owens
Professor Jonathan Payne
Christina Teresa Petraglia
Roger C. Rich
Dr. Shaunak Roy
Erik J. Rueden
Wes Salameh
Jared M. Schrader
Christopher S. Sequeira
Dr. Anita Sheoran
Yili Shi
Lisa Standke
Patricia H. Tran
Thuy Hoang Tran
Kim Hoang H. Truong
Carlos Valencia
Jasper Visser
Dr. Kern von Hungen
An T. Vu
Dr. Chenguang Wang
Deven Wang
Hui Wang
Lan Wang
Shumei Wang
Mengling Wong
Lucian Young
Rod Zaeni
Hector A. Zendejas
Birong Zhang
Aihe Zhou
Bahman Zohour

Election 2011

Our 2011 election ended after the December issue of this newsletter went to press. For a change, we had two contested elections (Councilor and Alternate Councilor). This was mainly due to our loss of a Councilor and an Alternate Councilor seat, ordered by National. Their decision is based upon demographics. Nevertheless, we still only got 312 votes, which is 9.4% of the electorate, and 18 fewer than last year, when all races were uncontested.

As we do every year, we have a new Chair Elect (Peter Rusch). Both the Treasurer (Ihab Darwish) and the Secretary (Karl Marhenke) were re-elected. All three of the Councilors whose terms expired at the end of 2011 ran for re-election; only two could be re-elected, and the winners were Abby Kennedy and Ean Warren. The Alternate Councilor race was in the same situation; we had a resignation, but we also had a NEW CANDIDATE (that sound you hear is the Executive Committee applauding). Lisa Milstein, and she was elected, and David Parker was re-elected.

We thank everyone who voted, and we hope that our electronic election, managed by Vote-Now, was as easy for you as it was for us. The continuing members of the Executive Committee also thank those who voted for the implied vote of confidence in the volunteer work we do for the Section.

The most important requirements for Executive Committee (“ExComm”) membership are (1) membership in the Santa Clara Valley Section of the ACS and (2) willingness to serve. If you’re interested, you should come to our dinner meetings; most of the current ExComm members attend most of those and showing up is a good way to meet them and get to know them, and they you. Any of us will be glad to describe what being a member of the ExComm involves. Also, visitors are always welcome at our ExComm meetings; the times and places are listed near the bottom of our home page at www.scvacs.org. For some time now we’ve been meeting at 7:30 p.m. on the first Monday of the month at PARC in Palo Alto, on Coyote Hill Road not far from the Stanford campus. Meetings typically last until 9:30.

Our Nominations and Elections committee puts names on the ballot based upon interest and willingness to serve, or, for incumbents, willingness to continue to serve.

continued on next page
The 43rd Annual Western Regional meeting was held in Pasadena on November 10-12, 2011. It was hosted by the Southern California local section on the 100th anniversary of their founding. Over 500 people attended the meeting. The meeting keynote presentation featured a symposium, sponsored by the Beckman Center at Caltech celebrating the legacy of Arnold Beckman. Dr. Leroy Hood, President and Co-founder of the Institute of Systems Biology, Seattle Washington, gave the keynote address. One of the innovative features of this meeting was a “speed dating” session in which undergraduate students were given an opportunity to meet with ACS chemists. There were 13 tables, each manned by 2-3 chemists, and the students moved from table to table, spending about 10 minutes networking with the chemists. This was a highly successful session and one that we may reestablish at our upcoming meeting.

We applaud the Southern CA section on their 100th anniversary, and on the successful Western Regional meeting. As regular readers of the Santa Clara Valley newsletter know, our section will be co-hosting the next Western Regional Meeting during October, 2013. We plan to build on the excellent precedent established by the Southern CA section as we work towards our meeting.

At least one past Section Chair not only ran, but was elected in precisely this way. Only 15 signatures (one can even be the candidate’s own) of Section members are needed. You send the petition to the Secretary, and you’re on the ballot.

We’re a 100% volunteer organization. None of us is paid for what we do, and we have no paid employees. Volunteers are always welcome. The work is interesting, fun, and rewarding. We invite you to join us!

Karl Marhenke, Secretary

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**Save the Date !!!**

**44th Western Regional Meeting**

November 10-12, 2011 Pasadena, CA

Arnold Beckman, Dr. Leroy Hood, President and Co-founder of the Institute of Systems Biology, Seattle Washington gave the keynote address. One of the innovative features of this meeting was a “speed dating” session in which undergraduate students were given an opportunity to meet with ACS chemists. There were 13 tables, each manned by 2-3 chemists, and the students moved from table to table, spending about 10 minutes networking with the chemists. This was a highly successful session and one that we may reestablish at our upcoming meeting.

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**Save the Date !!!**

**44th Western Regional Meeting**

October 2-5, 2013 in the Bay Area

The Flavors of Chemistry!!

- Biotech
- Analytical
- Inorganic
- Solar
- Organic
- Environment

- Wine and Beer
- Computational
- Medicinal
- Nanotech
- Food
- Entrepreneurship

- Safety
- Materials
- Water
- Physical
- Patents
- More!!!

Co-hosted by the California and Santa Clara Valley Sections!

Contact: Office@calacs.org

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CHEMPLOYMENT ABSTRACT 3974

**Position Title:** Senior Scientist/Associate Director - Antibody Drug Conjugation (ADC)

**Job Description:** Candidates should have extensive experience in protein and antibody conjugations and be a demonstrated thought leader in the ADC field. The successful candidate will interface with both chemists and biologists in developing new technologies for the production of ADCs as well as optimizing current strategies. The position allows the successful candidate to play a pivotal role in augmenting Genentech’s strong clinical pipeline of new therapeutic ADC candidates.

**QUALIFICATIONS DESIRED:**

*Education:* PhD in Biochemistry, Molecular Biology or Chemistry

*Experience:* 10 or more years of experience working with proteins, antibodies and conjugation technologies. The candidate must have strong biochemical, analytical and biophysical skills including mass spectrometry and all chromatographic techniques.

**LOCATION, SALARY, EMPLOYER:**

*Job Location:* South San Francisco, CA

*Salary:* DOE

*Employer:* For more than 30 years, Genentech has been at the forefront of the biotechnology industry, using innovative science to develop breakthrough medicines that improve the lives of people with serious or life-threatening diseases.

**Application Instructions:** To apply for this job, visit https://roche.taleo.net/career-section/test/jobapply.ftl?lang=en&job=00380053&src=JB-11480. EOE

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**Happy New Year!**

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Past Chair  Abby Kennedy  209-640-2005  akennedycali2007@yahoo.com
Secretary  Karl Marhenke  831-688-4959  karlmart@cruzio.com
Treasurer  Ihab Darwish  650-594-1654  darwishii@yahoo.com

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2011-2013  George Lechner  408-226-7262  glechner@aol.com
2011-2013  Herb Silber  408-924-4954  hbsilber@science.sjsu.edu
2012-2014  Abby Kennedy  209-640-2005  aakennedycali2007@yahoo.com
2012-2014  Ean Warren  650-329-4554  ewarren@scvacs.org

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FUTURE MEETINGS

Jan 19  Dr. William Carroll
        2011 Mosher Award Winner
        Biltmore Hotel & Suites
        Santa Clara, CA

Feb 16  Dr. Ripudaman Malhotra
        SRI International
        A Cubic Mile of Oil
        Location TBD

Mar 15  Dr. Peter Rusch
        New Definition of the Kilogram
        Biltmore Hotel & Suites
        Santa Clara, CA

Mar 25-29  Spring National Meeting
            San Diego, CA

Mar-Apr  Santa Clara Valley
            Chemistry Olympiad

Apr 21  Chemistry Olympiad, National Exam
        Las Positas College
        Livermore, CA