

Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

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AUGUST 2015 NEWSLETTER TOPICS

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Ceremony

Connect with Chemists

Meet fellow local chemists
for an early morning coffee.

Look for Ean at a table with molecular models.

Thursday, August 27 at 7 a.m.

La Boulange

151 University Avenue, Palo Alto

Chair's Message

Ashley Piekarski



Here we are in July now, and I hope everyone is enjoying his or her time during these hot summer months. We recently had our annual July picnic at the Stanford campus and it went wonderfully. Many thanks to all who helped put together that spectacular afternoon! Also, I would like to congratulate all our honorees for their service and commitment to ACS and to the realm of sciences as well.

One moment that really stands out for me is when Professor John P. McCormick, one of our fifty-year member honorees, left the audience with two pieces of advice. The first piece of advice came from his own experiences in life and during his career. He reminded us all not to be afraid of opportu-

nity. I believe this is an idea that is all too often underemphasized as we all navigate our own paths. Although change can be an intimidating force at times, it can also become a catalyst for something greater in the future.

The next and final piece of advice that he gave was illustrated by a historical joke telling of a doctor, a lawyer, and an engineer, all of whom have been sentenced to death by guillotine. The doctor and lawyer go first and second, leaving the engineer still breathing. The guillotine had malfunctioned twice, and been dismissed as two miracles. Finally, the engineer is laid upon the device face up, the same as the other two had previously requested. Just before the blade is about to fall, the engineer cries, "Wait!! I think I see the problem!" The message being that it is important to understand the bigger picture of things and as well as the little details...you may live longer.

This advice has resounded within me and I see value in it for everyone. Whether it be considering an opportunity for a second time that you may have thought was out of your reach, but was really out of your comfort; or perhaps stepping back for a moment, during your busy work day, to fully understand and analyze some of the larger ideas at hand. Whatever your individual situation may be, I know there is something beneficial to be taken from these two messages!

If you are interested in volunteering for our local section, you can reach me by e-mailing me at ashley@scvacs.org. I welcome and look forward to your e-mail!



Getting ready for the school year? Let the ACS help in two ways

- (1) The AACT (American Association of Chemistry Teachers) website, lesson plans, and resources – not just for chemistry teachers but for anyone conveying science – parents and volunteers, too. <http://teachchemistry.org>
- (2) Match-a-Membership – half price membership in the AACT, an expression of support from your local Santa Clara Valley ACS section.
www.scvacs.org/Local_Folder/AACT_Flyer.pdf

Check the AACT website out and join through our half-price program.

Want a chemist companion in teaching? Let us match you up with a practicing chemist who will accompany you through the school year. Contact aact@scvacs.org with your preferences for backgrounds such as industrial, academic, research, engineering, startups, grad students, grade level or location. www.scvacs.org/newsletter/news1507.pdf



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 seminar 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 seminar 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 for May

Tashica Amirgholizadeh
Sean Charles Andrews
Nelson Becerra
Dr. Subhendu Chakraborti
Amylynn Chen
Kevin Chou
Nicholas DeLateur
Timothy Glen
Melanie Huttner
Diane J. Lawver
Eric Lee
Yingdi Liu
Shaunak Mukherjee
Dr. Parisa Pirani
Andrew Goodwin Raub
Dr. Damoder Reddy
Benjamin E. R. Snyder
Dr. Jonathan S. Steckel
Dr. Meenakshi S. Venkatraman
Ran Wang
Zhengyin Yan
Macy Zardeneta
Minghong Zhong

New Members for June

Arjun Aditham
Sajani Achalanka Basnayak
Jason Solon Chen
Dr. Shuo Chen
Christopher D. Claeboe
Dmitry Danylov
Dr. Sandra J. Degen
Tovah Elchenbaum
Justin Henry Faris
Ming Gong
Christina Gonzalez
Dr. Kurt L. Haller
Dr. Gemma Louise Holliday
Katlyn Kelli Meier
Rene S. Mercado
Praneeth reddy Nimmala
Michel Nuevo
Jessica Ann Pfeilsticker
Dr. Debbie Tahmassebi
Dr. Pierre Tomasini
Zhengping Wang
Dr. Molly Warnke
Rudy Wojtecki
Jie Xu
Hong Yang

CHEMPLOYMENT ABSTRACTS AUGUST 2015

For a complete list of current abstracts, please visit: www.scvacs.org/Local_Folder/abstract.htm

CHEMPLOYMENT ABSTRACT 3990

Position Title: Medicinal and Synthetic Chemists

Job Description: Nanosyn has multiple openings for organic chemists with a Ph.D. degree in synthetic organic chemistry. The successful candidate must have the ability to work on multiple projects and adapt rapidly to new projects. Applicant will work on organic synthesis and drug discovery projects ranging from the initial stages through clinical candidate nomination.

QUALIFICATIONS DESIRED:

Education: Ph.D. in Organic Chemistry

Experience: The successful candidate must be familiar with techniques in synthetic organic chemistry, including but not limited to standard reaction techniques, synthetic route design, and data interpretation from various analytical techniques. One or more years of industrial experience is required.

LOCATION, SALARY, EMPLOYER:

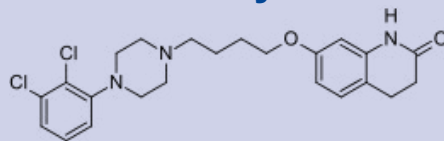
Job Location: Santa Clara, CA

Salary: Competitive salary

Employer Description: Nanosyn is a drug discovery services company with a proven record of identifying and advancing hits to clinical candidates. Nanosyn specializes in medicinal, synthetic, analytical, and process chemistry and biological screening and profiling of compounds.

Application Instructions: For further details and to apply, please visit the careers section at <http://www.nanosyn.com/>

Chemistry Quiz



This drug had \$7.2 billion in sales in 2014. What is its name and what does it treat?

Last Month's Question:

Nuclei of masses greater than 56 cannot be formed by direct nuclear fusion. Instead, they are formed by this pathway which has two named processes.

-- Neutron capture occurs in two ways:

- (1) The "r-process" or rapid process occurs in core-collapse supernovae.
- (2) The "s-process" or slow process occurs in low-to-medium mass stars

Highlights from the Wine Tasting, Family Picnic and Awards Ceremony

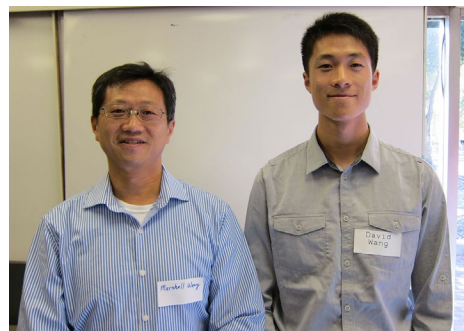
Saturday July 11, 2015



2015 Ottenberg Service Award winner Todd Eberspacher



Ashley Piekarski presents to Peter Rusch a 50-year ACS membership certificate



US Chemistry Olympiad winner David Wang with his father Marshall



Dave Parker



Natalie McClure, Lois Durham and Bonnie Charpentier



65-year member Robert Landel with his wife Aurora



60-year member Robert Eng with his wife Jeanne



50-year member Don Augenstein



Justin Faris and Ashley Piekarski



50-year member John McCormick with his wife Barbara



Bruce and Ida Raby, with George Lechner



SANTA CLARA VALLEY SECTION
AMERICAN CHEMICAL SOCIETY
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<http://www.scvacs.org>

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is published on our web site, sign up at:
<http://www.scvacs.org/newsletter/>

SANTA CLARA VALLEY SECTION

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Newsletter

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ChemPloyment Abstracts

Director:	Liang Cao	liang.cao@aol.com
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FUTURE EVENTS

- Aug 5** California Section ACS Summer Event: Current Topics in Cannabis Science
<http://calacs.org/wp-content/uploads/2015/07/Cannabis-Science-Event-Flyer-Final-6.30.15.pdf>
- Sep 12** Joint meeting of Sacramento, California and Santa Clara Valley ACS sections
The Flavors of Chemistry at the Mondavi Institute UC Davis
<http://www.acs-sacramento.org/the-flavors-of-chemistry-at-the-robert-mondavi-institute/>
- Sep 13** Free Community Day at CuriOdyssey
<http://curiodyssey.org/activities/family-events/community-days>
- Sep 19** California Coastal Cleanup Day
<http://www.sfbaymsi.org/Events.html>
- Sep 19** Hayward Fault Walking Tour
<http://msnucleus.org/haywardfault/hayward.html>
- Sep 29** Golden Gate Polymer Forum monthly meeting
Speaker: Mark Miller
Slot Die Coating Technology for Optical and Energy Storage Applications
<http://ggpf.org/>
- Sep 19** 2015 SACNAS National Conference
Washington, DC
<http://www.2015sacnas.org/events>