



The San Diego Chemist

American Chemical Society
Volume 28, Number 7

San Diego Section
July 2016

FIFTY- AND SIXTY-YEAR MEMBER RECOGNITION LUNCHEON

TUESDAY, JULY 12, 2016

TIME: 11:00 AM Social gathering
12:00 PM Lunch
Delightful buffet of salmon and rustic pasta with roasted vegetables
12:45 PM Introduction of 50- and 60-year members

PLACE: Tom Ham's Lighthouse, 2150 Harbor Island Drive, San Diego

PRICE: \$25.00 [No charge for invited guests]

RSVP: Please sign up at <http://fiftysixtyhonorsdacs16.eventbrite.com/>
by Friday, July 8, 2016, or RSVP by phone message at 619-687-5570

FIFTY YEAR MEMBERS

David Nelson Bailey
James M. Burton
Phillip Dan Cook
Luke Y. Hsiao
Ronald J. Lukasiewicz
Alex M. Nadzan
John Joseph Nestor
Lois Ann Nicholson

SIXTY YEAR MEMBERS

Marjorie C. Caserio
Michael Seidel
Robert Earl Williams
Harvey Warren Yurow

The San Diego Section of the American Chemical Society

and

The UCSD Department of Chemistry and Biochemistry

invite you to attend the

19th ANNUAL SAN DIEGO MEDCHEM SYMPOSIUM

Friday, July 15, 2016

Price Center Theater at UCSD

For the full program and registration information please see page 3

CHAIR NOTES

Dear Local Section Members,

As the mercury begins to rise, and we head into the dog days of summer, our events schedule moves to include some of our very popular and annually recurring events.

Our summer events calendar is as follows:

- The **ACS Annual Family Picnic** is on Sunday, June 26th. This a fantastic event for the whole family. **Jim Shih** has organized a day of delicious food, drinks, desserts, bounce house and other games at the San Dieguito County Park in Solana Beach. Please register at <http://sdacs2016picnic.eventbrite.com/>
- Our annual **50- and 60-Year Member's Luncheon** will be held at Tom Ham's Lighthouse Restaurant on Tuesday, July 12. During this lunch buffet we will present our new 50- and 60-year members with a commemorative certificate and an opportunity to share any experiences or reflections from their careers in chemistry. Thank you to **Ken Poggenburg** for organizing this important event once again. Please sign up at <http://fiftysixtyhonorsdacs16.eventbrite.com/>
- The **19th Annual Medicinal Chemistry Symposium** will be taking place on Friday, July 15th, at the Price Center Theater at UCSD. Thank you to the organizing committee of **Ben Pratt, Mark Tichenor** and **David Wallace**, who have put together an enticing and diverse program. Please head to <http://chemistry.ucsd.edu/go/medchem> to register.

For more information on our events calendar please see the rest of the current newsletter and check online at <http://www.sandiegoacs.org>.

A final note is to say that our exceedingly trustworthy and reliable **Treasurer Bill Szabo** will not be looking for reelection in 2017, leaving this position open. Should anyone be interested in filling this role please contact me.

The next Executive Committee Meeting will be held on Tuesday, July 5th. We welcome anyone and everyone who would like to attend. If you would like to become more involved in the San Diego ACS or have an idea for an event, please join us.

Cheers,

Graeme Freestone

2016 Chair

American Chemical Society – San Diego Section

E-mail: gfreestone@sandiegoacs.org

Web: www.sandiegoacs.org

FREE EVENT ANNOUNCEMENTS FOR NON-PROFIT ORGANIZATIONS!

Does your non-profit organization have an upcoming event that might be of interest to members of the ACS – San Diego Section? If so, please send your announcement to our 2016 Chair, Graeme Freestone, at gfreestone@sandiegoacs.org. Once approved, Graeme will see that your announcement is published on our website (www.sandiegoacs.org) and, if received by the 23rd of the month before the event, in *The San Diego Chemist* newsletter. This is a free service of the ACS – San Diego Section. Take advantage of it!

ATTENTION ADVERTISERS

Did you know that *The San Diego Chemist* is the only monthly e-newsletter that targets chemists and chemical engineers in San Diego and Imperial Counties? As soon as our newsletter is uploaded on www.sandiegoacs.org a separate notification is sent to the **2,500 members** of the ACS-San Diego Section, each potential customers for your products and services! **Quick turnaround:** Ad copy submitted by the 23rd of each month will be published by the end of that month.

For more information, please contact:

Renate Valois, renate@sandiegoacs.org.

THE SAN DIEGO CHEMIST, the official newsletter of the San Diego Section of the American Chemical Society, published on a monthly basis, can be viewed at <http://www.sandiegoacs.org/newsletter/>.

All contents are published at the discretion of the Section's Executive Committee. Events of interest to chemistry professionals in the community may be included in the events calendar as space permits and are subject to editing for brevity. Advertisements and announcements from the chemistry community are accepted at published rates. The deadline for items submitted is **the 23rd of the month** for publication by the end of that month.

Advertisers: Ad prices as of January 1, 2015:
Size (w x h) Number of Issues & Price/Issue

	1	3	6
2" x 3"	\$ 75	\$ 68	\$ 58
4.5" x 1.5"	\$ 80	\$ 74	\$ 67
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8.5" x 5.5"	\$400	\$360	\$310
full page	\$655	\$590	\$510

Discounts will be available for issues not shown
Please send your jpg to:

Renate Valois at renate@sandiegoacs.org.
Make checks payable to:

American Chemical Society and mail to:

Bill Szabo, Treasurer
3950 Mahaila Avenue, B-36
San Diego, CA 92122

SECTION E-MAIL LISTSERVER!

Get up-to-the-minute reminders of local events and develop dialogs with your fellow members!

To subscribe to our moderated listserver:

1. Send an e-mail with SUBSCRIBE TO LISTSERVER in the subject line, and your name and e-mail in the body of the message to Ken Poggenburg at jkp135@att.net.
2. If you receive a message from the postman, reply to confirm that you wish to be added to the list, otherwise it will not take effect.
3. You will receive reminders approx. 5-7 days prior to upcoming events and messages of general interest to members.
4. To post topics for discussion, or informational items to the listserver members, send the message to sandiego-chemist-l@ucsd.edu.
5. If the moderator approves the post, it will be sent to the members.

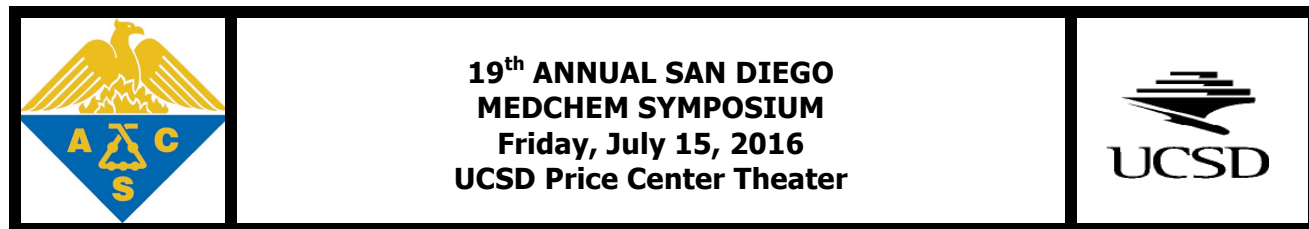
NOTE: That is the letter "l", not the number "one" following the word "chemist".

Executive Committee Meeting Dates 2016

6:00 – 8:00 pm

Tuesday	July	5
Thursday	August	4
Tuesday	September	6
Thursday	October	6
Tuesday	November	1

Meetings will be held at:
9381 Judicial Drive, Suite 160
San Diego, CA 92121



Organized by
Dr. Ben Pratt, Dr. Mark Tichenor, Dr. David Wallace - San Diego Section of the American Chemical Society
Dr. Emmanuel Theodorakis - UCSD Department of Chemistry and Biochemistry

- 8:30 AM **Registration and Continental Breakfast**
- 9:00 **Opening Remarks: Emmanuel Theodorakis**
- 9:05 **Dr. Paul Tanis, Takeda California**
 "When size matters: Using fragments in drug discovery"
- 9:45 **Dr. Larry Overman, University of California Irvine**
 "Fragment coupling and constructing quaternary carbon stereocenters using carbon radicals"
- 10:25 **Coffee Break**
- 11:05 **Dr. Dionicio Siegel, University of California San Diego**
 "Natural product synthesis: An enabling tool in the discovery of methods to drive tissue growth and proliferation"
- 11:45 **Dr. Advait Nagel, The Genomics Institute of the Novartis Research Foundation**
 "How we got to the clinic: The KAF156 antimalarial story "
- 12:25 PM **Lunch and Student Break-out Sessions**
- 1:35 **Dr. Junko Tamiya, Receptos, a Celgene Company**
 "Ozanimod: A selective agonist of S1P_{1R} and S1P_{5R} for the treatment of autoimmune diseases"
- 2:15 **Dr. Dennis Wolin, The Scripps Research Institute**
 "Specific caspase probes with unnatural amino acids"
- 3:00 **Symposium Conclusion**

Event Sponsors:



To register please visit:
<http://chemistry.ucsd.edu/go/medchem>
 follow the link to the registration page.
 Register online by Friday, July 8, and we will buy your lunch at Price Center food court.





SCHRÖDINGER.

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PROFESSIONAL CORPORATION

The San Diego Section of the American Chemical Society would like to thank our Corporate Sponsors. Here are a few examples of our annual outreach programs that are made possible by their generous donations:

Mad Science - Stage demonstrations for 4th and 5th graders which make science fun for kids! Last year the program was viewed by over 8000 students in low-income areas and from military families.

ChemExpo - A science event for middle and high school students held annually for the past 28 years. It features live stage demonstrations and interactive booths that teach kids about applied science. Last year over 1000 local students participated!

EarthFair - We participate in the world's largest free annual environmental fair, held in Balboa Park.

CONSIDER SPONSORSHIP OF THE ACS SAN DIEGO SECTION

The San Diego Section of the ACS is looking for organizations that are committed to advancing science and education in the greater San Diego area by providing financial support. There are several ways to get involved, and each one comes with its own benefits and privileges. **For further information please contact Jonathan Lockner, Interim Chair, Fundraising Committee, at jlockner@sandiegoacs.org**

IT IS NOT TOO EARLY----

----- TO THINK ABOUT THE ANNUAL SAN DIEGO ACS LOCAL SECTION ELECTIONS 2015

Nominations for Section offices are now in order. Per our Bylaws, the current Chair-Elect will assume the Chair, but other positions are open for election, including

**Chair-Elect • Secretary • Treasurer •
2 Councilors • 3 Alternate Councilors • 3 Members-at-Large**

Councilors, Alternate Councilors, and Members-at-Large serve for three years, and all incumbents may succeed themselves. We encourage the active participation of our members! If you have an interest in becoming involved in the ACS-San Diego Section and want to make a self-nomination as a candidate for an elected position, please contact: **Jim Shih** at jimshih@earthlink.net. Send your bios to **Jim Shih** at jimshih@earthlink.net and **Renate Valois** at renate@sandiegoacs.org

NOTE: VOTING WILL AGAIN BE DONE ELECTRONICALLY

Voting will be done electronically using your email address on record for the ACS. If you wish to receive a paper ballot instead, please call or e-mail Jackie Trischman, Election Coordinator, at 858-414-3323, or trischma@csusm.edu by **Nov. 1** and leave your name and mailing address. You will be mailed a paper ballot.

If you do not request a paper ballot, you will receive instructions on how to vote via email. Please be sure your email address on file with the ACS is current! To update your email address with the ACS, use www.chemistry.org

ORGANIZERS NEEDED!

The San Diego Section of the American Chemical Society is looking for volunteers to organize an **ACS Western Regional Meeting**. Exact dates are flexible and yet to be determined, but it will be held between 2018 and 2020. We are currently looking to fill the positions of General Meeting Chair and Program Chair(s). If you are organized, work well with others, and want to expand your professional network to a national scale, you may be a great fit for either of these positions. The **General Meeting Chair** will be responsible for overseeing the planning of the meeting venue and logistics while the **Program Chair(s)** will fill events and speaker lists. Location, duration and desired attendance are based on the vision of the organizers. If you have an idea for a large meeting held here in San Diego, this is your way to make it happen.

For more information please contact:

**Graeme Freestone, 2016 Chair
San Diego Section of the American Chemical Society
gfreestone@sandiegoacs.org**

COULD YOU GIVE US A HAND?

During the year the San Diego Section receives requests from various groups and elementary, middle and high school teachers to have a chemist/chemical engineer come and speak. To meet this need, the Section has established a Speakers Bureau. We are seeking the names of volunteers who would be willing to speak at places near where they live or work. If you would like to help the Section in this important effort, please send your name, phone number, email address and the geographic area you would like to serve to Graeme Freestone at gfreestone@sandiegoacs.org. Thank you for your willingness to reach out to students and teach them about the importance of chemistry in everyday life.

SHARE SCIENCE AS A CHEMISTRY AMBASSADOR

You can help kids learn to understand and love science as a Chemistry Ambassador, and ACS is ready to help you do it. Volunteer with youth groups, summer camps, and scouts in your community. The Chemistry Ambassadors program has tips and resources to support your outreach to your neighbors or students in your area. The Chemistry Ambassadors program makes it easy to stay involved, whether you have a lot of time or just a little. See www.acs.org/chemistryambassadors for more details.

VOLUNTEER WITH KIDS & CHEMISTRY

Kids & Chemistry is a community-based program that brings together scientists and children to do hands-on science activities. Volunteers include ACS members, ACS Student Chapters, and corporate groups. Volunteer efforts can be implemented as a full program administered by an ACS local section or by an individual as a one-time classroom visit. For more information please see: <http://www.acs.org/content/acs/en/education/outreach/kidschemistry.html>

COMMENT

Senior Chemists Committee: Examining and implementing our role

THOMAS R. BEATTIE, CHAIR, ACS SENIOR CHEMISTS COMMITTEE

In December 2015, the American Chemical Society's Senior Chemists Committee (SCC) held a strategic planning retreat in Washington, D.C. Ten SCC members, staff liaisons, and two facilitators worked for two days reviewing what we have accomplished in our first three years of existence, what we want to do in the future, and how to best achieve that.

As the newest of the ACS national committees, SCC wanted to validate what we have been doing and to make certain that our upcoming plans are achievable with the resources available and consistent with the ACS Strategic Plan. The outcome of the process resulted in the creation of a strategic plan with vision and mission statements, focused goals and strategies, and a road map for implementation with project champions identified.

So, what have we accomplished and where are we going?

Our most direct vehicle for two-way communication has been the "Newsletter for Senior Chemists." Initiated four years ago and sent biannually to 50,000 ACS members, it has become the most widely read of the ACS committee newsletters, as judged by the percentage of e-mails opened. It features news items, coverage of recent events and successful local section activities, announcements of upcoming events, and vignettes about

what senior chemists are doing with their time and energy. Contributions for the publication are welcomed, and comments and suggestions sent to us are read and responded to. We will be initiating a new series of articles regarding lesser-known museums and historical venues our members have encountered during their travels. We also are contemplating a new series featuring ACS international local chapters.

For three years, SCC has been participating in a "Student Speed Networking with Chemistry Professionals" event at ACS national meetings. It is an opportunity for chemistry professionals to share their knowledge and experiences with undergraduates. Mentoring and encouraging young prospective scientists is an important activity for us. Survey results from participating students and chemistry professionals are extremely favorable, and we are continuing to make tweaks to optimize the event's usefulness to our younger colleagues.

SCC was preceded by the Silver Circle Working Group and the Senior Chemists Task Force, both efforts toward demonstrating need within the society for a national committee for senior chemists. One activity created by the working group has been a breakfast event on Tuesday mornings at ACS national meetings, which is sponsored jointly by SCC and the ACS Development Office. It was envisioned as a continuing opportunity for seniors (and others who are interested) to meet, have breakfast, and hear a speaker presentation. Since 2005, this event has always sold out and has grown in size and significance, primarily because of our success in attracting top-notch speakers, including three Chemistry Nobel Laureates, five ACS presidents, and a diverse group of other distinguished presenters.

In 2015, at the ChemLuminary Awards celebration in Boston, we presented the first SCC-sponsored local section awards

for "Best Ongoing Senior Activity" and "Most Innovative Activity for Senior Chemists." This effort is one of several that SCC is making to continually engage with seniors at the local section level.

Another is our encouragement of local sections through grants to establish local senior chemists committees. Three years ago, we were aware of 14; now we know of 25, and we have a goal of reaching 35–40 within the next three years. We know from prior experience how much can be accomplished at the local level, and we plan to follow local progress and publicize successes as best practices to other local sections.

There are two other areas of engagement with seniors that we are creating. For years there has been a Senior Chemists Group on the ACS Network. We are now in the process of expanding it to be a more important point of engagement with our constituents. We envision an interactive contact site for everyone to use. Work is progressing, and rollout is scheduled for later this year.

Regional ACS meetings, which are very location-specific, could be another contact point for reaching out. We have found scant relevant information available regarding senior activities. This year, we are engaging with the officers of this month's ACS Northwest Regional Meeting in June and the ACS Midwest Regional Meeting in October on a trial basis.

In these initial three years, SCC has made significant progress consistent with our vision and mission. In my upcoming three years as SCC chair, I am looking toward continuing that work with this dedicated group of SCC members. If you have comments or suggestions regarding our progress in executing our strategic plan, please contact me at beattietr@aol.com.

Views expressed on this page are those of the author and not necessarily those of ACS.



Strategic plan

- **Our vision:** Improving lives using the knowledge and experience of senior chemists.
- **Our mission:** To address and support the needs and ambitions of senior chemists and to utilize their experience and knowledge.
- **Strategic goals:** 1. Develop and implement an active senior network to provide two-way communication. 2. Increase the number of local section senior chemists committees to 35–40 in the next three years. 3. Develop activities that engage senior chemists to use their expertise and experience.



ACS West Coast Analytical Chemistry Symposium



The **ACS West Coast Analytical Chemistry Forum** is a discussion group formed by San Diego analytical chemists in partnership with the San Diego Section of the American Chemical Society to provide a scientific forum for open discussion of current and future trends in analytical chemistry, opportunities to present current research, and interacting with like-minded scientists within the San Diego community.

When: **Tuesday, September 20, 2016, from 9:00 a.m. – 5:00 p.m.**

Location: **Dart NeuroScience, 12278 Scripps Summit Drive, San Diego, CA 92131**

Cost: ***Free!***

Symposium format:

Nine 20-minute talks (with a few minutes for questions) are divided into 3 sections with a coffee/snack break and lunch in-between. It is followed by a poster and networking social hour. Posters displayed will cover topics in the area of analytical chemistry.

Potential topics include:

Analytical chemistry applications

Advances in SFC

Advances in HPLC and/or Mass Spectrometry

Registration: www.acs-wcacs2016.eventbrite.com

Hope to see you at this event!



Questions? Contact Graeme Freestone at gfreestone@sandiegoacs.org



CONGRATULATIONS!

Zilu Pan of Canyon Crest Academy, San Diego, was selected by The U.S. National Chemistry Olympiad as a finalist for the U.S. National Team and will be heading to Tbilisi, Georgia, for the International Competition later in July. His chemistry teacher is **Kaveh Shakeri**.

SUMMARY OF THE SAN DIEGO SECTION EXECUTIVE COMMITTEE MEETING MINUTES June 2, 2016

Treasurer's Report – Received since last meeting: \$1,200 in councilor travel reimbursement, \$2,600 reimbursement for hosting National Meeting, donations of \$3,000 for MedChem and West Coast Analytical Symposia; expenses of \$500 as a deposit to Tom Ham's Lighthouse, \$1,600 for Mad Science presentations, \$2,100 for 75th Anniversary Celebration; \$10 State tax, \$300 to CPA for tax preparation, \$650 to UCSD student awards; a budget surplus of \$21,000 YTD, \$9,400 in receivables including \$5K for West Coast Analytical Symposium, \$3K for MedChem Symposium; current financial assets of \$340K; note: Bill Szabo will not be running for reelection as Treasurer at the end of 2016

Grants – Submitted grant proposals for a Science Café on microbiomes and a Bridging the Gap proposal for A/V equipment to better engage members; IPG and Senior Chemists Committee grant applications deadlines are upcoming

JOURNYS – This is a publication of peer-reviewed reports from San Diego County high schoolers coordinated through Torrey Pines High, 300+ readers; the students are requesting reviewers and financial support to help in printing and Web publication of journals; costs ~\$4500 annually

Motion: Intent for Section to provide reviewers; table action for financial support until ExComm members review the publication

Chemistry Olympiad – One student from San Diego in the running for the National Team

Final Election Results – Total of ~155 votes, confirmed preliminary results distributed earlier

ChemLuminary Awards – Section nominated for four awards; Ben as past chair will prepare poster but will not be available to attend banquet

May Meeting – Hosted at UCSD, 15 attendees, topic of teaching science; feedback that attendees interested in more seminars along this topic

Green Chemistry Symposium – 150 attendees (standing room only), held at Dart; presentations regarding SFC well received

Picnic – Preparations on track; looking for volunteers to oversee games

50-60 Year Luncheon – Eight 50-yr and four 60-yr honorees invited, Tues., July 12, at Tom Ham's Lighthouse, signed contract for the venue, working on advertising

MedChem Symposium – July 15, Steve Swan dropped out as a speaker, but John Tyhonas will be the replacement from Takeda to give the presentation; new feature this year will be lunchtime break-out (~30 min) sessions for students to investigate current careers in medicinal chemistry, legal, biology (assays, diseases); Mark Tichenor looking for break-out session leaders

Chemistry and the Law Seminar – Dr. Rodriguez from DEA on marijuana testing, Lab Trader as sponsor; no time or date yet

Middle School Outreach – Students become interested in careers in middle school; proposal to organize college students to make presentations in middle schools; Section would organize contest among college groups for most effective presentation; the program would help develop leadership skills for college students; could be funded from National; group consensus to defer action

Speakers Bureau – Formalize a database of volunteers to give career presentations in local schools

Action: Put sign-up list at Picnic and monthly meetings

Volunteer Presentation Support Group – Set up coordinated means to collect results of school presentations

West Coast Analytical Chemistry Symposium – Sept 20, most sponsors confirmed; many speakers set

Year-end Wrap-up – Reserved Dec. 1 with Sufi Mediterranean Cuisine, 5:30 – 9 p.m.

Sponsorships – Sending out several e-mails, several positive responses, but response rate is low

August, September, November Meetings – Marijuana and the Law will serve as August Meeting; Law Committee also organizing a second, smaller, more-specialized seminar; looking for options for other months

SABPA/ACS Chemistry Symposium – Thurs., Oct. 27

Communications Committee – Section needs a new Webmaster

Project SEED – No update

Next meeting: July 5

ACS-Hach Professional Development Grant

Funds professional development experiences for secondary chemistry teachers.
Award Amount: Up to \$1,500

Application Period: October 15th - December 15th annually

CHEMISTRY FOR YOU AND YOUR KIDS

SCIENCE FRICTION

You will need

Eye protection - Two rulers - Yardstick, meter stick, or measuring tape - One marble - Bath towel - Book (about 3-4 cm thick) - Wax paper, about 60 cm long - Several sandpaper sheets taped together, about 30 cm long - Aluminum foil, about 30 cm long

1. Find a long flat surface like a smooth floor or long counter top. Make an inclined track by leaning two rulers next to each other on a book as shown below. Be sure there is plenty of flat space at the end of the track.
2. Place the length of wax paper at the end of the track. Release a marble (don't push it!) from a point near the top of the track and watch as it rolls down the track and along the wax paper. How did the speed of the marble change as it rolled across the wax paper? How far did it go?
3. Measure the distance from the bottom of the track to the place where the marble stopped, and write it in the chart. Roll the marble down the track two more times, measuring the distance the marble travels each time. Be sure to release the marble from the same place each time. Write your measurements in the chart.
4. Add your distance measurements together and divide this answer by three to find the *average* distance the marble rolled. When scientists do experiments, they always make several measurements like this and then average their results. Why is it a good idea to do this?
5. Do you think the distance the marble travels will change if you replace the wax paper with a towel? Try it and see! Repeat three times, writing down and averaging your distance measurements like you did before. What is the name of the force that stops the marble? All forces have a direction. What is the direction of this force?
6. Try placing other materials such as sandpaper or some aluminum foil that has been crumpled and then flattened out at the end of the track. With which material is the force of friction the greatest?

Name of Material	Trial 1	Trial 2	Trial 3	Average
Wax Paper				
Aluminum Foil				
Sandpaper				
Towel				

Excerpt: "The Best of WonderScience," pg. 406, Delmar Publishers, 1997

MARK YOUR CALENDAR!!!

CHEM EXPO 2016



San Diego Miramar College
10440 Black Mountain Road, San Diego

Saturday, October 22, 2016. The hours are 11 AM to 3 PM

VOLUNTEERS NEEDED!

Shifts are available for volunteers to staff various tables (welcome, raffle, etc.), judge poster entries, for set up before the event and for tear down. For information, please contact:

Paul Bruinsma at paulb@sandiegoacs.org

Julann Miller at jmiller@sandiegoacs.org

LOCAL COMPANIES & ORGANIZATIONS:

Sign up to share knowledge and encourage students in the study of science. *No charge!*

If you or your organization would like to volunteer to help or have questions, please contact the Co-chairs of ChemExpo:

Paul Bruinsma at paulb@sandiegoacs.org

Julann Miller at jmiller@sandiegoacs.org

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ACS Publications has introduced **ACS2Go**, pubs.acs.org/acs2go, a new, mobile-optimized website that enriches the reading and browsing experience for readers of ACS content.

ACS2Go can be accessed at pubs.acs.org on a tablet or smartphone. Please see for more information: pubs.acs.org/acs2go.



ACS INDUSTRY VOICES

ACS Industry Member Programs brings you the ACS Industry Voices blog, with weekly posts that share stories, lessons, advice, and general musings from around the chemical technology field.



ACS MEMBERS: GREAT SAVINGS ON YOUR SHIPPING NEEDS!

Sign up for the ACS Shipping Program and start enjoying discounted fees on every shipment you send and receive. Managed by [PartnerShip](http://PartnerShip.com), this free program affords U.S. based ACS members significant savings on their shipping needs, from small packages up to large freight. There are no minimum usage requirements or obligations, just [great savings](#) included with your ACS membership!



OFFICEMAX MERGES WITH OFFICE DEPOT

The recent Office Depot merger with OfficeMax has enabled both companies to provide an even better online shopping experience and offer a wider variety of choices for office supplies, school supplies, and technology products. ACS members who have an OfficeMax Retail Connect Card can continue to use it at any OfficeMax or Office Depot location. Interested in getting a Retail Connect Card? Call [1-877-969-6629](tel:1-877-969-6629) to request one, or go to www.officemaxworkplace.com and use 347245reguser834 (username) and 751834 (password) to set up your personal username and password.



LOOKING FOR A CHEMIST?

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THE SAN DIEGO CHEMIST

is read by nearly 3000 chemists and biochemists in San Diego and Imperial Counties.

A two-month ad costs only \$80.00!

For information contact: *Renate Valois* - renate@sandiegoacs.org

2016 ACS REGIONAL MEETINGS

ICS (Specialty)	July	17 - 21	New Orleans, LA
NERM	October	5 - 8	Binghamton, NY
SERMACS	October	23 - 26	Columbia, SC
MWRM	October	26 - 28	Manhattan, KS
SWRM	November	10 - 13	Galveston, TX

Attention Companies!

Do you hire student workers?

If you have open positions in chemistry and biochemistry that would be of interest to college students, such as summer internship opportunities, here is a list of contacts you'll want to keep handy. The people listed below are the faculty advisors of the ACS Student Affiliate groups for all chemistry programs in San Diego County. These professors can get the word out to all chemistry and biochemistry majors at their schools about jobs, career fairs, open houses, etc.

California State University, San Marcos

Jacqueline Trischman

trischma@csusm.edu

760-750-4206

Palomar College

Greg Elliott

gelliott@palomar.edu

858-531-1149

Point Loma Nazarene University

Sara Choung

SaraChoung@PointLoma.edu 619-849-2627

San Diego Mesa College

Dwayne Gergens

dgergens@sdccd.edu

619-388-2609

San Diego Miramar College

Fred Garces

fgarces@sdccd.edu

619-388-7493

San Diego State University (SDSU)

Mikael Bergdahl

bergdahl@sciences.sdsu.edu 619-594-5865

Southwestern College, Chula Vista

David Hecht

dhecht@swccd.edu

619-421-6700x5461

University of California, San Diego

Joe Cribari

jcribari@ucsd.edu

858-822-4055

Gourisankar Ghosh

gghosh@ucsd.edu

858-822-0469

Judy Kim

judyk@ucsd.edu

858-534-8080

University of San Diego

Tammy Dwyer

tdwyer@sandiego.edu

619-260-4030

ACS Webinars™

For upcoming Webinars in July, see:

<http://www.acs.org/content/acs/en/acs-webinars.html>

For the ongoing 2016 Drug Design and Delivery Symposium series, see:

<http://www.acs.org/content/acs/en/acs-webinars/collections/2016-drug-design.html>



YOUR AD HERE!

Place your ad in the next issue of

The San Diego Chemist

Please contact Renate Valois at:

renate@sandiegoacs.org

UPCOMING EVENTS

FIFTY-/SIXTY-YEAR MEMBER LUNCHEON
Tom Ham's Lighthouse, 2150 Harbor Island Drive, San Diego
Tuesday, July 12, 2016

19TH ANNUAL SAN DIEGO MEDCHEM SYMPOSIUM
Price Center Theater at UCSD
Friday, July 15, 2016

252nd ACS FALL NATIONAL MEETING & EXPOSITION
Philadelphia, Pennsylvania
August 21-25, 2016

SECOND ANNUAL ACS WEST COAST ANALYTICAL CHEMISTRY SYMPOSIUM
Dart NeuroScience, 12278 Scripps Summit Drive, San Diego, CA 92131
Tuesday, September 20, 2016, from 9:00 am – 5:00 pm

HOLIDAY PARTY
Sufi Mediterranean Cuisine
5915 Balboa Ave
San Diego, CA 92111
Thursday, December 1, 2016

THE SAN DIEGO SECTION OF THE AMERICAN CHEMICAL SOCIETY WELCOMES ITS NEW MEMBERS

Allison Akman
Jiaxiang Chu
Karen Collins
William Craven
Elisabeth Dornisch
Samuel Dossou
Jasmine Kalsi
Elbek Kurbanov
Baosheng Liu
Allison Naui
Joyce Samson
Hai Wang
Zaki Zadah

**2016 EXECUTIVE COMMITTEE & COMMITTEE MEMBERS
SAN DIEGO SECTION OF THE AMERICAN CHEMICAL SOCIETY**

EXECUTIVE COMMITTEE

<i>Chair</i>	Graeme Freestone, Dart NeuroScience LLC, gfreestone@sandiegoacs.org	(2016)	858-246-8137
<i>Chair-Elect</i>	Jonathan Lockner, Calibr, jlockner@sandiegoacs.org	(2016)	858-688-8143
<i>Past-Chair</i>	Ben Pratt, Akarna Therapeutics, bpratt@sandiegoacs.org	(2016)	858-945-7893
<i>Secretary</i>	William Tolley, Seacoast Science, Inc., b_tolley@juno.com	(2016)	858-780-0978
<i>Treasurer</i>	Bill Szabo, bszabo@sandiegoacs.org	(2016)	858-550-0306

Councilors

Thomas R. Beattie	(2018)	858-587-1210
Hui Cai, WuXi AppTec	(2016)	858-361-8838
Desiree Grubisha, CSUSM	(2018)	858-254-5497
John Palmer, UCSD	(2017)	858-265-9198
Ken Poggenburg	(2016)	760-635-2573
David Wallace, Wallace Scientific Consulting	(2018)	858-638-1866

Alternate Councilors

Paul Bruinsma, HP Inc.	(2017)	858-655-8322
Surya K. De, Sanford-Burnham Medical Research Institute	(2016)	858-337-4961
Julann Miller, Waters Corporation	(2017)	800-252-4752 x6802
Ben Pratt, Akarna Therapeutics	(2016)	858-945-7893
John Schindler	(2016)	858-353-3943
Jim Shih, Eli Lilly & Co	(2017)	626-826-356

Members-at-Large

James Caldwell	(2016)	815-262-9697
Ryan Clark, Inception Sciences, Inc.	(2017)	858-774-2095
Mark Rosen, Aetheria Therapeutics	(2017)	858-692-0639
Joann Um, Southwestern College	(2016)	510-823-8637
Mark Wentland	(2016)	518-257-2735

STANDING & SPECIAL COMMITTEES

Award Nomination Committee

Thomas R. Beattie (Chair)	858-587-1210
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ChemExpo

Paul Bruinsma (Chair), HP Inc.	858-655-8322
Julann Miller, Waters Corporation	800-252-4752 x6802

Communications Committee

Paul Bruinsma, (Chair), HP Inc.	858-655-8322
Surya K. De, Sanford-Burnham Medical Research Institute	858-337-4961
Desiree Grubisha, CSUSM	858-254-5497
Ken Poggenburg	760-635-2573
David Wallace, Wallace Scientific Consulting	858-638-1866
Renate Valois (Newsletter Editor)	619-692-0638

Education Committee

Haim Weizman (Chair), UCSD	858-534-2963
Joann Um (Co-Chair), Southwestern College	510-823-8637

EarthFair

Julann Miller, Waters Corporation	800-252-4752 x6802
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Finance Committee

Bill Szabo (Chair)	858-550-0306
Tom Beattie	858-587-1210
John Schindler	858-353-3943

Fundraising Committee

Jonathan Lockner (Interim Chair)	858-688-8143
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Government Affairs Committee

Hui Cai, WuXi AppTec (Chair)	858-361-8838
Ken Poggenburg	760-635-2573

Law Committee

Ryan C. Smith, Duane Morris LLP	619-744-2220
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Mad Science Program

Thomas R. Beattie	858-587-1210
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MedChem Symposium

Ben Pratt (Co-Chair), Akarna Therapeutics	858-945-7893
Mark Tichenor (Co-Chair), Janssen Pharmaceuticals, Inc.	858-334-8914
David Wallace (Co-Chair), Wallace Scientific Consulting	858-638-1866

Membership Committee

OPEN

Nominations Committee

Jim Shih, Eli Lilly & Co.	626-826-3561
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Picnic Committee

Jim Shih, Eli Lilly & Co.	626-826-3561
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Professional Development Committee

Valerie Kuck	973-744-5510
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Public Relations Committee

John Schindler	858-353-3943
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Senior Chemists Committee

Ken Poggenburg (Chair)	760-635-2573
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Seniors Breakfasts

Thomas R. Beattie	858-587-1210
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Women Chemists Committee

Valerie Kuck	973-744-5510
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Younger Chemists Committee

Jean-François Brazeau (Co-Chair), Celgene	858-882-5263
Corey Anderson, (Co-Chair), Vertex Pharmaceuticals	858-405-4734

Voice Mail – San Diego Section

619-687-5570