



The San Diego Chemist

American Chemical Society
Volume 30, Number 7

San Diego Section
July 2018

FIFTY-, SIXTY- AND SEVENTY-YEAR MEMBER RECOGNITION LUNCHEON

TUESDAY, JULY 17, 2018

TIME: 11:00 AM Social gathering
12:00 PM Lunch
Sumptuous buffet of meat and meatless dishes
12:45 PM Introduction of 50-, 60- and 70-year members

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

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

RSVP: Please sign up at <https://2018sdacsluncheon.eventbrite.com>
by Wednesday, July 11, 2018, or RSVP by phone message at 619-687-5570

FIFTY YEAR MEMBERS

Amiya K Chatterjee
Ronald Conrad Griffith
Bruce Towne Hutchinson
Gary Richard Keehner
Roger N. Margotto
George M. Sarkisian

SIXTY YEAR MEMBERS

Jerry David Albert
Goro Asato
Eleanor E. Bevege
Marvin J. McMurray
J. Kenneth Poggenburg
Fred B. Stocker
Daniel Strugar

SEVENTY YEAR MEMBERS

Robert G. Bartsch
John Flaig Lingenfelter

SEVENTY+ YEAR MEMBERS

William M. Saltman
James W. Cobble
Harold H. Levine
William Monroe Sutherland
Morton A. Fineman
John A. Kimmel

21st ANNUAL SAN DIEGO MEDCHEM SYMPOSIUM

sponsored by

THE SAN DIEGO SECTION OF THE AMERICAN CHEMICAL SOCIETY

AND

THE UCSD DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY

*Hojel Auditorium and Arango Foyer, UCSD
The Institute of the Americas
10111 North Torrey Pines Road, La Jolla, CA 92093*

FRIDAY, JULY 20, 2018

For full program and registration information please see page 3

CHAIR NOTES

Dear ACS Members,

Summer is here and things are heating up in San Diego. We have had a busy few months in the Section and appreciate everyone who has helped us make this all possible. We have some really dedicated members and always looking for new ideas and volunteers to help us out. With that said, we will have some openings on our Executing Committee this coming November during our annual election. Most importantly, we are in need of a Chair-Elect. This position is a 1-year training period and is followed by a 1-year term as Chair. This position provides an opportunity to gain leadership skills and help make a difference in our chemistry group and the general public. If this or other opportunities to make a difference are of interest to you please don't hesitate to get in touch with me:

jbarbersingh@sandiegoacs.org.

One of the signature events each year is our annual Local Section Family Picnic at San Dieguito County Park in Solana Beach. This year was no exception, there was plenty of food, desserts, and beverages to go around, and it was a great opportunity to relax with old friends, meet new folks, and watch kids play. Thank you to **Jim Shih** and crew for organizing another successful event on June 24th!

I would like to bring your attention to a couple of upcoming events in July.

July 17th - Annual 50-, 60-, and 70-Year ACS Member Luncheon at Tom Ham's Lighthouse. Register at <https://2018sdacsluncheon.eventbrite.com>

July 20th - Annual Medicinal Chemistry Symposium at UCSD. Register at <http://chemistry.ucsd.edu/go/medchem>

Lastly, I wanted to let our members know about an event that will be hosted at UCSD on August 26-30. The organizer is offering our members a special registration discount. A flyer for the event will be on page 5 in this newsletter. Additional information can be obtained by emailing:

vtor@ucsd.edu

As always, you are welcome to join us – in person or remotely – at our next Executive Committee Meeting on Tuesday, July 12. Get involved and make your membership in the San Diego Local Section of the ACS a rewarding experience!

Jennifer Barber-Singh, Ph.D.

2018 Chair

San Diego Section of the American Chemical Society

E-mail: jbsingh@sandiegoacs.org

Web: www.sandiegoacs.org

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 2018 Chair, **Jennifer Barber-Singh**, at jbsingh@sandiegoacs.org. Once approved, Jennifer will see that your announcement is published on our website (www.sandiegoacs.org) and, if received by the 20th 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 20th of each month will be published by the end of that month. For more information, please contact:

Renate Valois at 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
4.5" x 4.75"	\$200	\$184	\$163
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.

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 Date 2018

6:00 – 8:00 pm

Thursday	July	12
Thursday	August	2
Thursday	September	6
Thursday	October	4
Thursday	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. Simon Bailey, Intercept Pharmaceuticals**
 "Incorporating Natural Product-like Features in Medicinal Chemistry"
- 9:50 **Dr. Thomas Hermann, University of California San Diego**
 "Small Targeting of Viral Noncoding RNA"
- 10:35 **Coffee Break**
- 10:50 **Dr. Arnab Chatterjee, California Institute for Biomedical Research (Calibr)**
 "Intra-muscular Injections for Malaria Chemoprotection"
- 11:35 **Dr. Holly Reichard, Takeda Pharmaceuticals**
 "Discovery of TAK-041: Potent and Selective GPR139 Agonist for Treatment of Negative Symptoms Associated with Schizophrenia"
- 12:20 PM **Lunch**
- 1:20 **Dr. Jin-Quan Yu, The Scripps Research Institute**
 "Enantioselective and Remote C-H Activation Reactions"
- 2:05 **Dr. Cheryl Grice, Abide Therapeutics**
 "Discovery of ABX-1431: A Potent and Selective MGLL Inhibitor for Clinical Development"
- 2:50 **Symposium Conclusion**



To register please visit:

<http://chemistry.ucsd.edu/go/medchem>

follow the link to the registration page.

Register online by Friday, July 13, and food will be provided.





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 Ashkan Tafti at atafti@sandiegoacs.org

BE A CHEMISTRY AMBASSADOR!

Volunteer to put a human face on science and help connect chemistry with everyday life! Promote chemistry to children, your community, lawmakers and others.

Volunteer Opportunities: Activities and ideas for getting involved in outreach. Explore to find activities that fit your interests and schedule! For more details, please see: <https://www.acs.org/content/acs/en/volunteer/chemambassadors.html>

It Pays to be a Volunteer! Volunteers have 27% higher odds of finding a job after being out of work than non-volunteers. The odds increase to over 50% for those without a high school diploma or who live in rural areas. Source: Corporation for National and Community Service. (June 2013). *Volunteering as a Pathway to Employment*.

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. 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. The program can also be incorporated into an existing corporate outreach/education program, or serve as the focal point for a larger mentoring program.

For more details, please see: <http://www.acs.org/content/acs/en/education/outreach/kidschemistry.html>

IT IS NOT TOO EARLY----

---- TO THINK ABOUT THE ANNUAL SAN DIEGO ACS LOCAL SECTION ELECTIONS 2018

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 • 3 Councilors

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:

Jennifer Barber-Singh at jbsingh@sandiegoacs.org

Send your bios to 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, **858-414-3323** or trischma@csusm.edu by **Friday Nov. 2** 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

IRT 2018

August 26 – 30, 2018
UCSD | La Jolla, CA

**JOIN
US,
ACS**

Special registration price
for members of the ACS
San Diego Section!

Contact ytor@ucsd.edu for a
registration discount code.

The 23rd International Roundtable meeting will gather scholars from around the world to discuss recent developments in diverse areas related to the chemistry, biology and medicine of nucleosides, nucleotides and nucleic acids.

Please join us to hear dynamic speakers as they highlight the academic, industrial, medical and societal challenges of this field.

Registration Deadline:
July 31, 2018

www.IRT2018.ucsd.edu

Contact: ytor@ucsd.edu

Featuring:

Michael Sofia
Arbutus
Biopharma, Inc

Naoki Sugimoto
Konan University

Gerald F. Joyce
Salk Institute and
GNF

Additional Invited Speakers Include:

Luigi Agrofoglio
Leonid Beigelman
Steven Benner
Amanda Bryant-
Friedrich
Ichiro Hirao

Claudia Hoebartner
Troels Koch
Joanna Kowalska
William Lee
Mano Manoharan
Andreas Marx

Charles McKenna
Yves Mely
Suzanne Peyrottes
Punit Seth
Shana Sturla
Hiroshi Sugiyama

Event includes sponsored networking events, hosted lunches, optional gala dinner reception, happy hours during poster sessions, and so much more. Register today!

Experience the best of San Diego's craft breweries with a beer garden poster session!



ChemExpo 2018

San Diego's Celebration of National Chemistry Week

National Chemistry Week (www.acs.org/ncw) encourages ACS members and science enthusiasts to build awareness of chemistry at the local level. ACS Local Section, businesses, schools, and individuals are invited to organize or participate in events in their communities with a common goal: to promote the value of chemistry in everyday life.

Chemistry is Out of This World NCW 2018 focuses on **chemistry** of and in outerspace

Saturday, October 27, 2018

11 am to 3 pm

San Diego Miramar College

10440 Black Mountain Rd, San Diego CA 92126

CALL FOR COMPANY TABLES AND VOLUNTEERS -

- Local companies and organization booth illustrate how chemistry is applied at work and in everyday life.
- University students hold stage demonstrations
- Hands-on demo tables with Miramar College Chemistry Department

For information, please contact: Paul Bruinsma at paulb@sandiegoacs.org

The Girl Scouts of America hosts a parallel event. Scouts can earn a chemistry merit badge. ChemExpo is also an opportunity for chemists, including General Chemistry students, to connect to the chemical community.

*The main event: **11 am to 3 pm.***

Students are asked to arrive before 2 pm especially if they are filling in extra credit sheets. Extra credit is at the discretion of your chemistry or science teacher.

Location Information

Campus Map: http://www.sdmiramar.edu/sites/default/files/documents/map/Campus_Map.pdf

Driving/Walking Instructions: The College is at 10440 Black Mountain Road between Mira Mesa Blvd and Carroll Canyon Road

- From I-15N, go west on Carroll Canyon Road for about ¼ mile
- Go north on Black Mountain Rd for about a mile
- Turn right into the campus parking lot (look for the solar panel structures)
- Park in lot 2. Parking is free during the weekend.
- From the parking lot, walk east on "West Compass Walk" to "Compass Point" near the Science Building.

ACS San Diego Section: <http://www.sandiegoacs.org/>

**SUMMARY OF THE SAN DIEGO SECTION
EXECUTIVE COMMITTEE MEETING MINUTES
June 7, 2018**

Treasurer's Report – In the past month - taxes filed on time, not expecting issues; expenses: April monthly meeting (at SDSU); joint meeting with AACC, 50-60 Year Luncheon meeting deposit, ChemExpo deposit, Constant Contact renewal, Website registration (paid every 10 years); sponsorship for latest issue of JOURNY's, Mad Science (6 shows in April), stipends to Chemistry Olympiad participants (\$50 each to 15 students who took exam); income: 3 sponsorships for May 30 monthly meeting (\$250 each), 8 pledged sponsorships for MedChem (3 paid to date); suggestion to use electronic fund transfers for reimbursements in preference to paper checks (agreement from the group); Vanguard Fund up slightly; total assets essentially unchanged

Joint Seminar with AACC – Excellent speaker, extensive questions following the talk, speaker mingled effectively with attendees before the presentation

Picnic – June 24, arrangements set, needing help with set-up, clean-up, entertainment

MedChem – Program set, \$8K in sponsorships pledged, campus parking is \$20, alternative parking at glider port or near-by shopping mall

50-60 Year Luncheon – July 17, extensive list of honorees

Distinguished Scientist Award – Committee has nominated an awardee but has yet to inform the person, tentative Oct 17 or 18

SABPA – Speakers arranged, Sept. 6 (changed at request of speaker), 6 – 8 p.m.

JOURNY's – Section sponsoring at \$500 per issue for max. 2 issues annually

ChemLuminary Award – Section nominated for Outstanding Performance – Large Section, Section will sponsor Jonathan to attend award ceremony

Website – Site home page is blank; Ariana volunteering to work on Website during the Summer

Next meeting: July 12, 2018

CHEMISTRY FOR YOU AND YOUR KIDS

CARBON DIOXIDE ---- WHAT A GAS!

We can use red cabbage use to help find out something about **gases**. In this activity, you will find out if a sample of your breath or a sample of gas from a bottle of club soda has more of the gas **carbon dioxide**.

You will need

Safety glasses - 1-liter bottle of club soda or seltzer water - 2 large round balloons - 2 straws - red cabbage
warm water - zip-closing plastic bag - 3 3-oz plastic or paper cups

1. Tear up two leaves of red cabbage and place the pieces into a zip-closing plastic bag. Pour 1/2 cup of warm water into the bag and close it tightly.
2. Use your hands to press the cabbage inside the bag until the water becomes a medium blue color. This is your **indicator** solution for carbon dioxide. Pour an equal amount of indicator into each of the three cups. Put one cup aside as your **control** cup.
3. Slowly open your bottle of seltzer and put a balloon over the opening. Allow the balloon to fill up as much as it can with carbon dioxide gas.
4. Twist the bottom of the balloon while it is still on the bottle so that when you remove the balloon, no gas will escape.
5. Remove the balloon and put the balloon opening around the end of a straw. Now pinch the balloon opening tightly against the straw and put the other end of the straw into your blue indicator liquid.
6. Slowly untwist and squeeze the balloon so that the gas goes through the straw and into your indicator solution. Compare the color of the indicator to your control cup. Did the color of your indicator change?
7. Take you other balloon and inflate it with your own breath with the same amount of gas as there was in the first balloon. Using a straw, repeat steps 5 and 6 with your other cup of indicator.
8. Compare this cup with your control cup. Can you see any difference between them? If a **change in indicator** color means that more carbon dioxide is present, which had more carbon dioxide, the balloon with your breath or the one with gas from the soda?

See if you can design an experiment to test the air around you for carbon dioxide. Remember, you need to get the same amount of air in the balloon as you had with the seltzer water and your own breath.

Excerpt: "The Best of WonderScience," pg. 279, Delmar Publishers, 199

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2018 ACS REGIONAL MEETINGS

Midwest (MWRM)	October 21 – 23	Ames, IA
NanoWRM	October 27	Pasadena, CA
Southeastern (SERMACS)	October 31 - November 3	Augusta, GA
Southwest (SWRM)	November 7 – 10	Little Rock, A



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

ACS Webinars™

Welcome to ACS Webinars, your source for online live and on-demand content, created by the American Chemical Society.

Please join us weekly Thursdays at 2pm ET.

Become a Science Advocate: How to Engage Your Elected Officials

Thursday, July 12, 2018

How Sustainable Chemistry is Safer Chemistry

Thursday, July 19, 2018

Cloudiness in Beer: Considerations and Chemistry

Thursday, August 2, 2018 @ 2-3pm ET

For more information and upcoming Webinars please see:

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

2018 DRUG DESIGN AND DELIVERY SYMPOSIUM

Jul 26	Central Nervous System Medicinal Chemistry Craig Lindsley - Vanderbilt University
Aug 30	Special Topic
Sept 22	Special Topic
Oct 18	Central Nervous System Medicinal Chemistry
Nov 29	Central Nervous System Medicinal Chemistry

For information please see:

<https://www.acs.org/content/acs/en/acs-webinars/collections/2018-drug-design.html>

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

MiraCosta College

Linda Woods

lwoods@miracosta.edu

760-757-2121 Ext. 6411

Palomar College

Greg Elliot

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

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



YOUR AD HERE!

Place your ad in the next issue of

THE SAN DIEGO CHEMIST

For information contact:

Renate Valois – renate@sandiegoacs.org

UPCOMING EVENTS

SENIORS/RETIREES/CONSULTANTS/ETC. BREAKFAST

**Bristol Farms Café - Costa Verde Shopping Center - Genesee Avenue and Nobel Drive
University City**

Tuesday, July 10, 2018, at 9:30 AM

FIFTY-/SIXTY-YEAR MEMBER LUNCHEON

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

Tuesday, July 17, 2018

21st ANNUAL SAN DIEGO MEDCHEM SYMPOSIUM

Hojel Auditorium and Arango Foyer, UCSD

The Institute of the Americas

10111 North Torrey Pines Road, La Jolla, CA 92093

Friday, July 20, 2018

256th ACS NATIONAL MEETING & EXPOSITION

Boston, Massachusetts

August 19-23, 2018

CHEM EXPO

Outerspace - Chemistry Out of This World

San Diego Miramar College, 10440 Black Mountain Road, San Diego

10440 Black Mountain Rd, San Diego

Saturday, October 27, 2018

HOLIDAY PARTY

Sufi Mediterranean Cuisine

5915 Balboa Avenue, San Diego, CA 92111

Wednesday, December 5, 2018

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

Mohammad Alkhadra
Suphitsara Aneksirikul
Omar Apolar
Gian Araldi
Lee Arnold
Steven Brown
Charles, Clark
Elizabeth Costa
Gary Gallego
Consuelo Garcia
Qiongzheng Hu
Duane Inlow
Jeremy Jones
Eileen Judkins
Shuangwei Li

Daniel Lorenz
Andrew MacConnell
Martin Manriquez-Castillo
Dan Meisel
Asako Nagata
Graciela Negri
Pauline Olsen
Joseph Palasz
Luis Rivero
Joseph Semple
Rebekah Stassinopoulos
Thong Vo
Kosuke Yasui
Mark Young

**2018 EXECUTIVE COMMITTEE & COMMITTEE MEMBERS
SAN DIEGO SECTION OF THE AMERICAN CHEMICAL SOCIETY**

EXECUTIVE COMMITTEE

<i>Chair</i>	Jennifer Barber-Singh, BioFluidica, jsingh@sandiegoacs.org	(2018)	858-869-7084
<i>Chair-Elect</i>	Ashkan Tafti, Arena Pharmaceuticals, Inc., atafti@sandiegoacs.org	(2018)	619-395-6412
<i>Past-Chair</i>	Jonathan Lockner, jlockner@sandiegoacs.org	(2018)	858-688-8143
<i>Secretary</i>	William Tolley, Seacoast Science, Inc., w_tolley@juno.com	(2018)	858-780-0978
<i>Treasurer</i>	Graeme Freestone, Ionis Pharmaceuticals, Inc., gfreestone@sandiegoacs.org	(2018)	858-539-6363

Councilors

Thomas R. Beattie	(2018)	858-587-1210
Hui Cai, WuXi AppTec	(2019)	858-361-8838
Desiree Grubisha, Halozyme Therapeutics	(2018)	858-254-5497
Valerie Kuck	(2020)	973-744-5510
Ken Poggenburg	(2019)	760-635-2573
David Wallace, Wallace Scientific Consulting	(2018)	858-638-1866

Alternate Councilors

Surya K. De, Plex Pharmaceuticals, Inc.	(2019)	858-337-4961
Julann Miller, Waters Corporation	(2020)	800-252-4752 x6802
Ben Pratt, Allergan	(2019)	858-945-7893
John Schindler	(2019)	858-353-3943
Jim Shih, Eli Lilly & Co	(2020)	626-826-3561
Shannon Woodruff, HP Inc.	(2020)	949-735-9021

Members-at-Large

Paul Bruinsma, HP Inc.	(2020)	858-655-8322
James Caldwell, Accelagen, Inc.	(2019)	815-262-9697
Melissa Chandler, San Diego State University	(2020)	619-838-7867
James O'Brien	(2020)	858-336-0654
Bill Szabo	(2019)	858-550-0306
Joann Um, Southwestern College	(2019)	510-823-8637

STANDING & SPECIAL COMMITTEES

Awards Nomination Committee

Valerie Kuck (Co-Chair)	973-744-5510
John Schindler (Co-Chair)	858-353-3943

ChemExpo

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

Communications Committee

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

Distinguished Scientist Awards Nomination Committee

Thomas R. Beattie (Chair)	858-587-1210
Tammy Dwyer USD	619-260-4030
Barbara Sawrey	858-729-0689
David Wallace, Wallace Scientific Consulting	858-204-5412

Education Committee

Joann Um, (Chair) Southwestern College	510-823-8637
Valerie Kuck	973-744-5510
Joan Schellinger, USD	619-260-7960

EarthFair

James Caldwell, Accelagen, Inc.	815-262-9697
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Finance Committee

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

Fundraising Committee

Ashkan Tafti, Arena Pharmaceuticals, Inc.	619-395-6412
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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), Allergan	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

OPEN

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

Bryce Timm	512-545-9287
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Voice Mail – San Diego Section

619-687-5570