

Sadly, COVID-19 is still with us...



Credit: C&EN/Shutterstock

*We hope that you and yours are staying
healthy and safe!*

CHAIR NOTES

Dear ACS Community,

More than thirty days have passed since Governor Newsom issued a stay at home order for Californians, and while many of our members continue to work remotely, there are many who are working hard to get a handle on the pandemic.

First and foremost, I urge you to follow the stay at home order from the Governor, keeping you and your loved ones safe and healthy as possible. In the past several weeks, we have watched the COVID-19 develop into global pandemic and panic buying response. We have been ordered to stay at home to flatten the curve of infections in order to lower the rate of hospitalizations to within the hospital system's capacity. Still as we navigate uncertain times, the impacts of COVID19 are widespread, yet very uneven across the nation. So please, stay home except for essential reasons when it is absolutely necessary to go out.

The Executive Committee of the American Chemical Society San Diego Local Section decided that we will cancel all in-person meetings and events for May, June and July with the future events to be determined as we see how things play out. We are using Zoom meetings for video meetings for the upcoming months. We have optimistically rescheduled our participation in the EarthFair in Balboa Park for September 13th, 2020.

In light of current social distancing safety precautions, online chemistry resources abound! ACS National has produced a wonderful resource: [ACS Efforts and Resources on COVID-19](#). There the ACS has many options for you to explore. I urge you to check out our websites with FREE content. There are also virtual paid services, for example:

ACS@WORK can partner with your organization to bring the most cost-effective professional education to your employees. The ACS is offering technical writing, lab safety, and more, designed for your team.

I have been made aware of several online learning resources for our time spent at home and for teaching children. Many providers have made their services low or no cost. First are the American Chemical Society's YouTube channels, with the "Reactions" channel being my favorite and it has always been free. Please go online and check it out, there are many hours of chemistry educational entertainment within!

Our next Executive Committee Meeting will take place on Thursday, May 7th, 6 PM, online as a Zoom meeting. As always, all members (this means you) who wish to become more involved or experienced with our Local Section are invited to attend. You will need to contact me at jcaldwell@sandiegoacs.org for an invite. Please RSVP so I may add you to the list of attendees.

Thank you,
James Caldwell Ph.D., 2020 Chair
San Diego Section of the American Chemical Society
Email: jcaldwell@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 2020 Chair, **James Caldwell**, at jcaldwell@sandiegoacs.org. Once approved, James 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 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

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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 listserv:

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 listserv 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 2020

6:00 – 8:00 pm

Zoom Meeting Thursday May	7
Zoom Meeting Thursday June	4
Thursday July	9
Thursday August	6
Thursday September	3
Thursday October	1
Thursday November	5

We will be using
"Zoom meetings"
for the Executive Committee Meetings

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:

James Caldwell
Chair, Fundraising Committee
815-262-9697
jcaldwell@sandiegoacs.org



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 in Balboa Park annually for the past 27 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.

CONGRATULATIONS TO OUR LONGTIME ACS MEMBERS

50 Year Members

Dr. Richard B. Anderson
Mr. John Emil Chaffin
Mr. Charles Clark, Jr.
Ms. Josephine Dollie Hill
Dr. David E. McClure

60 Year Members

Dr. Ralph C. Dougherty
Dr. Arvan L. Fluharty
Dr. Guenter Grethe
Dr. John H. Kindsvater
Mrs. Yun The S Liang
Dr. Harold B. Reisman*
Dr. William G. Stevens
Dr. Craig B. Warren

70 Year Members

Dr. Robert Richard Holmes
Dr. Charles Jack Stewart

*deceased

Due to COVID-19 we will not be able to have our usual Honorees luncheon in July. We are hoping to plan an event later in the year.

THE ACS NOW HAS A RESOURCE WEBPAGE FOR THE COVID-19 PANDEMIC

<https://www.acs.org/content/acs/en/covid-19.html>

MESSAGE FROM THE ACS PRESIDENT

Dear ACS Members,

During these unprecedented times, we are more grateful than ever to have such a strong community of members committed to the field of chemistry, and we want you to know that we are here to support you. That's why, effective today, April 21, 2020, and for the duration of the crisis, we are offering renewing members a one-year waiver on your unpaid national dues if you've suffered hardships due to the COVID-19 pandemic.

If you have become unemployed, furloughed, have your hours or wages reduced, or are facing illness or family care responsibilities, please contact Member Services at service@acs.org or via phone at 1-800-333-9511 (1-614-447-3776 for members outside the U.S. and Canada).

Thank you and please continue to practice good hygiene recommendations such as proper hand washing and physical distancing. Please stay safe!

Luis Echegoyen, Ph.D.
2020 ACS President



SUMMARY OF THE SAN DIEGO SECTION EXECUTIVE COMMITTEE MEETING MINUTES April 2, 2020

Treasurer's Report – Recent income: WuXi sponsorship, Section allotment and dues totaling almost \$27,000, expenses: \$900 March monthly seminar

Status of ACS – National Meeting scheduled for Philadelphia has been canceled; all committee meetings scheduled to occur during that meeting will occur virtually; Council has approved dues to remain unchanged for 2021; ACS is working to recoup to the extent possible all costs spent in making arrangements for the National Meeting; ACS currently is in good financial standing; all regional meetings canceled or rescheduled; ACS staff all working from home; ACS National Fall Meeting still in limbo; a committee was appointed earlier to consider better formats for national meetings, so illness-driven cancellation demonstrates the wisdom in such a committee

San Diego Science and Engineering Fair Expo Day – Twenty students from Southwestern, two students from CSUSM; 1 student from SDSU; there was a constant flow of visitors; bulk polyurethane components divided into squirt bottles; ran out of decoration supplies

Senior Chemists – Sr. Breakfasts now using virtual meetings

Greater SD Science and Engineering Fair – Thanks to Ken Poggenburg, Jim Shih, Jerry Albert, Mark Glassy for serving as judges; other potential judges withdrew due to the virus; several winners responded in writing, some expressed interest in summer internships

Monthly Seminar – Chemistry of Wine – Ernie Simpson provided an excellent seminar; ~45 attendees; Elijah's was a good venue

Chemistry Olympiad – Dr. Joan Schellinger (USD) still working on criteria for selecting candidates given that the conventional test protocol not possible

Earth Day (rescheduled to Sept.) – Planning to copy what has been done in the past

Monthly Seminar -- Hazardous Response Team – Topic is one of interest to high-school students, general public; schedule on hold until meeting restrictions are lifted

Summer Picnic -- Reserved county park because deposit is refundable in event that coronavirus closures prevent picnic at scheduled date

Seminar – Career Panel – Event has been canceled by Takeda due to mandated closures

50-60-70 Year Membership Luncheon – Certificates are in hand but probably schedule for meetings in the next while is too uncertain to reserve location and time until issue with virus isolation is passed

MedChem Symposium – Event cancelled due to mandated closures

ChemExpo – Needing to secure permit, but too early to commit because public education facilities anticipating closures for the balance of the calendar year

Year-End Wrap-up Meeting – Reserved for The Butcher Shop

IPG Application – We have until June to submit proposals (awards up to \$3500, proposals are required to be new function to the section but can be copied from other sections or organizations)

Action: Val to write IPG

Open Committees chair positions – YCC is especially important as a means to bring new members to the Section

HPLC 2020 Symposium -- Rescheduled for June 2022 at Town and Country

National Organic Symposium -- Still planned for 2021

Next Meeting: May 7, 2020

CHEMISTRY FOR YOU AND YOUR KIDS

A Plaster Master or . . . a Plaster Disaster?

The calcium in your bones and teeth, and the calcium found in most products, is connected to other chemicals. One of the most common chemicals connected to calcium is called **carbonate**. Together, the calcium and the carbonate make a chemical called **calcium carbonate**. Calcium is also often connected to a chemical called **sulfate**, and together they make a chemical called **calcium sulfate**. Both these calcium chemicals are used to make cement, plaster of Paris, and similar building materials that need to start off soft and then harden. In the activity below, you can experiment with the hardening of these chemicals in plaster of Paris.

You will need

Safety glasses	salt
Plastic disposable gloves	warm water
Paper	ruler
Masking tape	Clock or watch
Pencil or ball-point pen	tablespoon
Newspaper or paper towels	teaspoon
Plaster of Paris	4 5-oz paper or plastic cups
(contains calcium carbonate and calcium sulfate)	plastic straws

Be sure to follow all precautions on the plaster of Paris label.

1. Use your sheet of paper to make a chart like the one below. Cover your work area with newspaper or paper towels. Use your masking tape and pen to label your four cups **salt water**, **salt water plaster**, **fresh water**, and **fresh water plaster**.
2. Add 1 tablespoon of salt to the salt water cup. Add 3 tablespoons of warm water and stir until no more salt will dissolve. Place 3 tablespoons of warm water in the fresh water cup.
3. Use your ruler and tablespoon to measure one level tablespoon of plaster of Paris powder into each of your other two empty labeled cups. With your adult partner's help, add 1 teaspoon of salt water to the salt water plaster cup and mix thoroughly with a new straw. Now add 1 teaspoon of fresh water to the fresh water plaster cup and mix thoroughly with a new straw.
4. As your adult partner to help make your mixtures a little thinner or thicker by adding a little more salt or fresh water or a little plaster of Paris powder until your mixtures are like dough that can be molded.

TEST	1	2	3	4
Salt Water				
Fresh Water				

5. You and your adult partner should put on your gloves and scrape the plaster of Paris out of both cups. With the help of your adult partner make 4 small balls from the salt water plaster and four from the fresh water plaster so that they are done at the same time. Try to make all the balls the same size. Place the balls on the sheet of paper as shown.

TEST	1	2	3	4
Salt Water				
Fresh Water				

6. After all the balls are on the paper, wait 3 minutes and then gently place one index finger on the top of the salt water plaster ball and the other index finger on top of the fresh water plaster ball under test 1.
7. Push down gently on both plaster balls. Does either ball seem to have hardened at all? Continue to push until the plaster balls squish or break apart. Pick up pieces from each ball and see how they feel. Do you notice a difference between them? Write down your observations on your chart.
8. When you finish recording your observations, wait 3 more minutes and then test the salt water and fresh water plaster balls under Test 2 in the same way. Does one feel harder than the other? How do the test 2 plaster balls compare to the Test 1 plaster balls. Look closely at the balls when they squish or break apart. Pick up some pieces and feel them. Record your observations about the Test 2 plaster balls.
9. Wait another 3 minutes and test your Test 3 plaster balls and then another 3 minutes and test your Test 4 plaster balls in the same way. What is the main difference between them? What do you think causes them to feel the way they do?

Did You Know?

Fun Chemistry Facts

- Did you know ... you [can't taste food](#) without saliva?
- Did you know ... it's possible to get sick or even die from [drinking too much water](#)?
- Did you know ... liquid [oxygen](#) is blue?
- Did you know ... fish scales are a common lipstick ingredient?
- Did you know ... some [lipstick contains lead acetate](#) or sugar of lead? This toxic lead compound makes the lipstick taste sweet.
- Did you know ... the average shot of espresso contains less caffeine than a typical cup of coffee?
- Did you know ... Coca-Cola originally contained cocaine?
- Did you know ... lemons contain more sugar than strawberries, for the same mass?
- Did you know ... lobster blood is colorless until it is exposed to air? Then [the blood appears blue](#).
- Did you know ... goldfish eyes perceive not only the visible spectrum but also infrared and [ultraviolet light](#)?
- Did you know ... when you freeze saltwater or seawater slowly, you get fresh water ice? Icebergs are fresh water, too, although that is because they come from glaciers, which are made from fresh water (snow.)
- Did you know ... if you exposed [a glass of water](#) to space, it would boil rather than freeze? However, [the water vapor](#) would crystallize into ice afterward.
- Did you know ... a fresh egg will sink in fresh water? A stale egg will float.
- Did you know ... the wallpaper in Napoleon's room was dyed with Scheele's Green, which contains copper arsenide? In 1893 the Italian biochemist Bartolomeo Gosio found that dampening wallpaper containing Scheele's Green allowed a specific mold to convert the copper arsenide into poisonous arsenic vapor. Although this may not have been the cause of Napoleon's death, it certainly can't have helped his health.
- Did you know ... sound travels 4.3 times faster in water than in air? Of course, it doesn't travel through a vacuum at all.
- Did you know ... about 78% of the average human brain consists of water?
- Did you know ... macadamia nuts are toxic to dogs?
- Did you know ... [a lightning strike](#) can reach a temperature of 30,000 degrees Celsius or 54,000 degrees Fahrenheit?
- Did you know ... fire typically spreads uphill more quickly than downhill? This is because temperature affects the rate of combustion. The region above a fire tends to be much hotter than the area below it, plus it may have a better supply of fresh air.
- Did you know ... frogs don't need to drink water since they can absorb it through their skin? Humans, on the other hand, have waterproofing proteins in their skin to help prevent water loss.
- Did you know ... the hardest chemical in your body is your tooth enamel?
- Did you know ... [urine fluoresces](#) or glows under ultraviolet light?
- Did you know ... pearls, bones, and teeth will dissolve in vinegar, which contains weak acetic acid?
- Did you know ... the chemical name for water [is dihydrogen monoxide](#)?
- Did you know ... you can extend the life of rubber bands by storing them in the refrigerator?
- Did you know ... [the ethylene gas](#) produced by a ripening apple ripens other apples as well as many other types of produce?
- Did you know ... water expands about 9% when it freezes into ice?
- Did you know ... [Mars is red because](#) its surface contains a lot of iron oxide or rust?
- Did you know ... you've lost about 1% of your body's water by the time you feel thirsty?
- Did you know ... you have chemoreceptors or taste buds on the inside of your cheek as well as on your tongue?
- Did you know... it's possible [for hot water to freeze](#) more quickly than cold water?

Helmenstine, Anne Marie, Ph.D. "Did You Know? Fun Chemistry Facts." ThoughtCo, Feb. 11, 2020, [thoughtco.com/fun-and-interesting-chemistry-facts-p2-609440](https://www.thoughtco.com/fun-and-interesting-chemistry-facts-p2-609440).

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2020 ACS REGIONAL MEETINGS

Central Regional (CERM)	May 27 - 29	Columbus, Ohio
Middle Atlantic (MARM)	June 12	New York, NY
Northwest (NORM)	June 28 - July 1	Bellingham, WA
Southwestern/Southeastern (SWRM/SERMACS)	October 14 - 17	New Orleans, LA
Northeast Regional (NERM)	October 18 - 21	Rochester, NY
Midwest Regional Meeting (MWRM)	October 21 - 23	Springfield, MO
Rocky Mountain Regional Meeting (RMRM)	October 30	Fort Collins, CO

LOOKING FOR A CHEMIST?

CHEMPLOYMENT IS THE ANSWER!

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

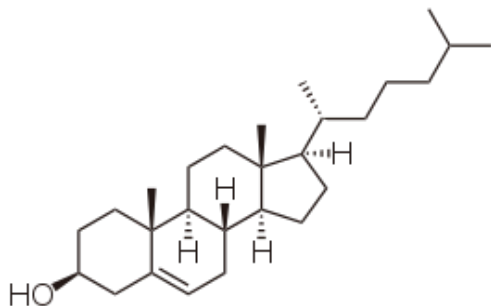
POSTPONED HPLC 2020 IN SAN DIEGO

Due to the extraordinary circumstances we have all found ourselves in surrounding the coronavirus (COVID-19) pandemic, we are genuinely disappointed to announce that we must postpone the HPLC conference based on CDC guidance and shelter in place orders. As the health and safety of all of our participants remains our primary concern, the HPLC conference is postponed and will take place at the same location on **June 18-23, 2022** at the Town and Country hotel and conference center in San Diego, CA.

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.** For more information and upcoming Webinars see: <https://www.acs.org/content/acs/en/acs-webinars.html>

QUESTION???



Have you had yours checked lately?

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

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

Linda Woods
lwoods@sdccd.edu
(619) 388-7750

Southwestern College, Chula Vista

David Hecht
dhecht@swccd.edu
619-421-6700x5461

University of California, San Diego

Stacey Brydges
sbrydges@ucsd.edu
858-246-0993

Thomas Bussey
tbussey@ucsd.edu
858-822-6665

University of San Diego

Tammy Dwyer
tdwyer@sandiego.edu
619-260-4030



YOUR AD HERE

Your ad in the next issue of
THE SAN DIEGO CHEMIST

For information contact:

Renate Valois - renate@sandiegoacs.org

UPCOMING EVENTS

EARTH DAY - EARTHFAIR 2020
Balboa Park, San Diego, CA
<http://www.earthdayweb.org/>
Sunday, September 13th, 2020

260th ACS National Meeting & Exposition
August 23 - 27, 2020
San Francisco, California

CHEM EXPO
Glues and Adhesives "Sticking with Chemistry"
San Diego Miramar College, 10440 Black Mountain Road, San Diego
10440 Black Mountain Rd., San Diego
Saturday, October 24, 2020

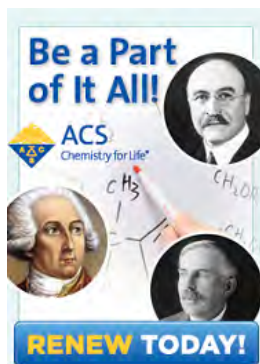
HOLIDAY PARTY
The Butcher Shop
5255 Kearny Villa Rd., San Diego, CA 92123
Tuesday, December 3, 2020

THE SAN DIEGO SECTION OF THE AMERICAN CHEMICAL SOCIETY

WELCOMES ITS NEW MEMBERS

Elli Chatzopoulou
Jaclyn Chau
Jacob DeForest
Venkat Dharmarajan
William Drury
Kyle Enriquez
Emily Hall
Jun Huang
Kelly Hunter
Prabhakar Jadhav
Steven Jerome
Johannes Karges
Trevor King
Jack Koussa
Zhen Li

Grayson Lovelace
Diane Orion
Cecelia Ozar
Taha Rezai
Brandon Schrank
Paul Sprengeler
Dontarie Stallings
Viktoria Steck
Jelena Stojakovic
Jing Tao
Ian Tedeschi
Nicole Thomas
Sheng Zhang
Junjie Zou



**2020 EXECUTIVE COMMITTEE & COMMITTEE MEMBERS
SAN DIEGO SECTION OF THE AMERICAN CHEMICAL SOCIETY**

EXECUTIVE COMMITTEE

<i>Chair</i>	James Caldwell, Accelagen, Inc., jcaldwell@sandiegoacs.org	(2020)	815-262-9697
<i>Past Co-Chair</i>	Jennifer Barber-Singh, BioFluidica, jbsingh@sandiegoacs.org	(2020)	858-869-7084
<i>Past Co-Chair</i>	David Wallace, Wallace Scientific Consulting, davidmw@san.rr.com	(2020)	858-638-1866
<i>Chair-Elect</i>	Jim Shih, Eli Lilly & Co, jshih@sandiegoacs.org	(2020)	626-826-3561
<i>Secretary</i>	William Tolley, Seacoast Science, Inc., b_tolley@juno.com	(2020)	858-780-0978
<i>Treasurer</i>	Desiree Grubisha, Heron Therapeutics, desgrubisha@gmail.com	(2020)	858-254-5497

Councilors

Thomas R. Beattie	(2021)	858-293-3012
Hui Cai, WuXi AppTec	(2022)	858-361-8838
Desiree Grubisha, Heron Therapeutics	(2021)	858-254-5497
Valerie Kuck	(2020)	973-744-5510
Jackie Trischman, CSUSM	(2022)	858-414-3323
David Wallace, Wallace Scientific Consulting	(2021)	858-638-1866

Alternate Councilors

Surya K. De, Supra Sciences, Inc.	(2022)	858-337-4961
Julann Miller, Waters Corporation	(2020)	800-252-4752 x6802
Ken Poggenburg	(2022)	760-635-2573
Ben Pratt, Pratt Pharma Consulting LLC	(2022)	858-945-7893
Shannon Woodruff, HP Inc.	(2020)	949-735-9021

Members-at-Large

Paul Bruinsma, HP Inc.	(2020)	858-655-8322
Juan P. Gonzalez-Gonzalez, Southwestern College	(2020)	619-813-8520
James O'Brien	(2020)	858-336-0654
Bill Szabo	(2022)	858-550-0306
Joann Um, Southwestern College	(2022)	510-823-8637

STANDING & SPECIAL COMMITTEES

Awards Nomination Committee

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

ChemExpo

Paul Bruinsma (Chair), HP Inc.	858-655-8322
Jackie Trischman, CSUSM	858-414-3323

Communications Committee

Paul Bruinsma, (Chair), HP Inc.	858-655-8322
Surya K. De, Supra Sciences, Inc.	858-337-4961
Desiree Grubisha, Heron 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)	858-293-3012
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	858-293-3012
John Schindler	858-353-3943

Fundraising Committee

James Caldwell, Accelagen, Inc	815-262-9697
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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	858-293-3012
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MedChem Symposium

Ben Pratt (Co-Chair), Pratt Pharma Consulting LLC	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

James Caldwell (Chair), Accelagen, Inc.	815-262-9697
Jim Shih, Eli Lilly & Co.	626-826-3561

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	858-293-3012
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Women Chemists Committee

Valerie Kuck	973-744-5510
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Younger Chemists Committee

OPEN

Voice Mail – San Diego Section

619-687-5570