

The San Diego Chemist

American Chemical Society
Volume 31, Number 12

San Diego Section
December 2019

Annual Meeting and Holiday Party

DATE: Tuesday, December 3, 2019

TIME: 5:30 PM Social Hour

6:30 PM Buffet Dinner

7:30 PM Presentations

PLACE: Sufi Mediterranean Cuisine
5915 Balboa Avenue, San Diego

PRICE: \$20.00 per Dinner - \$10.00 with student I.D.

RSVP: Monday, December 3, 2018

https://acs_san_diego_annual_meeting_and_holiday_party.eventbrite.com

If you are unable to register online, please use voice mail:
619-687-5570



Jennifer Barber-Singh
2019 Co-chair



David Wallace
2019 Co-Chair



James Caldwell
2020 Chair-Elect

Join us for our last big event in 2019! Come meet the San Diego Section Executive Committee members and hear election results for new officers. Co-Chairs in 2019, **Jennifer Barber-Singh** and **David Wallace**, will give the year-end wrap-up and **James Caldwell**, Chair-Elect in 2020, will talk about upcoming plans.

This is a great evening, not to be missed, to meet new colleagues and to get involved in SDACS activities!

Season's Greetings!

CHAIR NOTES

Dear ACS Members,

It's that time of year! By the time you read this, you probably have enjoyed a tasty Thanksgiving dinner with friends or family and are looking forward to the next holidays and the end of the year.

On October 26th we celebrated National Chemistry Week with our own ChemExpo at Miramar College. It was a huge success – a more detailed overview can be found in the newsletter.

We had a great event to end the year, "Harnessing Poop for the Cure, Omics and Machine Learning to Create Novel Therapies", a presentation given by **Dr. Stephanie Culler** – co-founder & CEO of Persephone Biome. This event was hosted at Takeda – thank you to them and all our hosts for monthly meetings this year.

If your company would be interested in hosting a monthly meeting in 2020, please contact **James Caldwell** (jcaldwell@sandiegoacs.org) with contact information and availability.

Don't forget to register for our Annual Holiday Party at Sufi Mediterranean Cuisine on December 3rd. RSVP by Monday, December 2, 2019:

https://acs_san_diego_annual_meeting_and_holiday_party.eventbrite.com. If you are unable to register online, please use voice mail: 1-619-687-5570.

You will hear about the election results for the Local Section, highlights from 2019 and upcoming events in 2020 from our new Chair, James Caldwell. Please note our Executive Committee Meeting dates for 2020 in this newsletter as well

Hope to see most of you on December 3rd. Have a joyful Holiday Season!

Jennifer Barber-Singh, Co-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 2019 **Co-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 a potential customer 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 Dates 2020

6:00 – 8:00 pm

Thursday	January	9
Thursday	February	6
Thursday	March	5
Thursday	April	2
Thursday	May	7
Thursday	June	4
Thursday	July	9
Thursday	August	6
Thursday	September	3
Thursday	October	1
Thursday	November	5

Meetings will be held at:

**WuXi AppTec,
6122 Nancy Ridge Drive, San Diego**

CHEM EXPO 2019

The San Diego Section of the ACS held its celebration of National Chemistry Week on October 26th on the campus of San Diego Miramar College. This was our 32nd year for the ChemExpo, San Diego's version of National Chemistry Week.

The many volunteers from the ACS Local Section, businesses and colleges created chemistry experiments for middle school and high school students to experience fun with chemistry. Extra-credit worksheets were provided to student visitors. Stage demonstrations and hands-on displays were organized by local university chemistry clubs. Cal State, Fullerton, Scripps Research, San Diego State University, SWIGS, AWIS, Tioga Research and Seacoast Sciences organized hands-on demo tables.

Miramar college organized a series of hands-on demo tables. Science professors kept the tables staffed with close to 100 volunteers throughout the day.



Miramar Hand On Demo tables



L to r: Gary Smith, Synthia Chang, Cesar Contreras, Kathleen Pickham, Elizabeth Nguyen, Daphne Figueroa, Olga Fryszman, Amy Williford



Seacoast Sciences, Bill Tolley and volunteer show FTIR metals experiments



The Scripps Research Institute, Engel Lab post docs, show metals and chemistry reactions.



The ACS - San Diego Section hosted a table with activities for hands-on science events aligned to this year's NCW 2019 theme, *Marvelous Metals*. Let's Do Chemistry with the penny, Identify the Marvelous Metals! David Youngblood, a teacher at Grossmont High School, and students from his class joined SDACS's Ken Poggenburg, John Schindler, Matt Lorenz, Suza Radic, Mariusz Banaszczyk and CSUSM students.

CSUSM, PLNU, SDSU, SWCC, UC IRVINE, UCSD and USD student affiliate organizations performed stage demonstrations, with a packed house audience of 80 at each show, viewing the exciting chemistry experiments designed by chemistry students.



SWIGS volunteers, ran the Smells Exhibit. Plastic jars with holes in the lids were loaded cinnamon sticks, lemons, and coffee beans, etc. to help visitors learned to associate certain classes of odors to chemical structures.



American Women In Science (AWIS) had a table demonstration

This year we had a strong response of volunteers. Volunteers were extremely helpful providing help with organization and company tables. Local students and the general public were shown that chemistry is useful and fun. The event was made possible by our more than 180 volunteers.

Text: Julann Miler
Photo Credits: Jim Shih

HARNESSING POOP FOR THE CURE™, OMICS, AND MACHINE LEARNING TO CREATE NOVEL IMMUNOTHERAPIES

On Thursday, November 14th, Takeda rolled out the red carpet to the ACS for our monthly professional meeting. **Dr. Stephanie Culler**, co-founder and CEO of Persephone Biome, gave an engaging presentation that left the entire room of 50 attendees buzzing with excitement about harnessing poop for the cure (#poopforthecure). Her exciting science and novel approach to using artificial intelligence to rapidly decode gut microbiomes, then use them as therapeutics to augment cancer treatment with checkpoint inhibitors, were appreciated by the room of scientists and other biotech business leaders. Questions could have continued for another hour, and I am sure more than a few were discussing poop with their colleagues at work the next day!



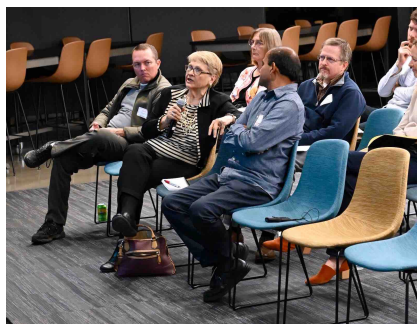
Stephanie Culler



Valerie Kuck



Richard Liu, Connor Brandenburg



Valerie Kuck with two unidentified gentlemen



James Caldwell, Jackie Trischman, Stephanie Culler, Ken Poggenburg, Shaun Singer

Text: Jackie Trischman
Photo Credit: Jim Shih

**SUMMARY OF THE SAN DIEGO SECTION
EXECUTIVE COMMITTEE MEETING MINUTES
November 7, 2019**

Minutes from Sept. 30 ExComm Meeting – No edits - **Minutes Approved**

Treasurer's Report – Expenses: ChemExpo – have paid just under \$3,300 (half yet to pay), panel discussion at CSUSM, Awards Banquet; receipts: local dues just under \$6K, \$1,100 admission to Awards Banquet; pending receipts: ACS National owes the Section \$2,600 for hosting the National Meeting, also have not completed councilor travel reimbursement; pending expenses due before the end of the year: \$1,600 ChemExpo, storage rental, donation to ALS Foundation, \$2,300 for Mad Science programs; Vanguard Fund (Section's investment) growing

Nominations – Desiree Grubisha has volunteered to stand for Treasurer

Awards Banquet – Venue viewed generally favorably (one negative was the congested parking); notable cadre of students attended (~30) representing most of the local colleges; a cost comparison of the Faculty Club (2018) vs The Butcher Shop (2019) – 46 attendees at Faculty Club for \$79 each; 78 attendees at The Butcher Shop for \$31 each and offered better food; interesting to note that the FDA approved the newest Vertex cystic fibrosis drug within weeks of the Vertex presentation at the Banquet

ChemExpo – Smaller crowd size than previous years, a large contingent of Scouts attended

November Seminar – 67 registered, preregistration encouraged to be precleared for admission, a large group from Takeda has registered

Seminars Planning for 2020 – Likely speakers / topics: 1) Chemistry of Dentistry by a prosthodontist; 2) chemistry of tattoo inks and tattoo removal by a medical doctor; 3) SD County Hazmat Team

Mad Science – Five presentations scheduled for 2019, cost of \$250 each, 30 shows total in 2019, (523 shows since inception of the program)

Motion: request to approve \$8K for Mad Science shows in 2020 – **Approved**

National Chemistry Olympiad – Students in North County have not participated because of distance to USD

Motion: arrange for satellite exam at CSUSM – **Approved**

National Volunteer Award – Tom Beattie was nominated and the submission completed

Chemistry of Wine - Mar. 2020 – Speaker - Ernie Simpson, \$16.95 cost/person at Elijah's Catering, preregistration required

Motion: charge \$25 admission – **Approved**

ExComm Meetings – WuXi offering location for ExComm Meetings in 2020

Project SEED – Trying to get up to 15 students each year, National getting better at facilitating the program, expecting to request \$9K in the 2020 Section budget, National encouraging a Boot Camp for mentors and students to all meet before program starts

Electronic payments – Possible now for Section to reimburse through Venmo, PayPal

Next meeting: January 9, 2020

ACS-Hach Programs

ACS-Hach Professional Development Grant

Funds professional development experiences for secondary chemistry teachers.

Award Amount: Up to \$1,500

Application Period: ends January 4th

ACS-Hach Land Grant Teacher Scholarship

Provides financial support to obtain a chemistry undergraduate degree and chemistry teaching credentials at one of our 72 partner institutions.

Award Amount: \$10,000 for full-time study

Application Period: [Contact participating universities directly for application details](#)

ACS-Hach Post-Baccalaureate Teacher Scholarship

Provides financial support for chemistry graduates with limited work experience to obtain a masters degree in education or teacher certification in chemistry.

Award Amount: Up to \$6,000 for full-time study and up to \$3,000 for part-time study

Application Period: February 1st – April 1st

ACS-Hach Second Career Teacher Scholarship

Provides financial support for chemistry professionals to obtain a masters degree in education or teacher certification in chemistry.

Award Amount: Up to \$6,000 for full-time study and up to \$3,000 for part-time study

Application Period: February 1st – April 1st

About ACS-Hach Programs

The ACS-Hach Programs provide financial support for future and current high school chemistry teachers. [Learn more.](#)

Contact us: Email: hach@acs.org -- Phone: (800) 227-5558 ext. 8178

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We could live at the present day without a Plato, but a double number of Newtons is required to discover the secrets of nature, and to bring life into harmony with the laws of nature.
Dmitri Mendeleev



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Contact: Dr. Surya K. De, Director of R & D, San Diego, CA
Supra Sciences, Inc., 840 Gordon Ave, Belmont, CA 94002
Email: Desurya@suprasciences.com; Tel: 858-337-4961
www.suprasciences.com

COMPANY PROFILE

Supra Sciences, Inc.

We are incorporated both in the San Francisco Bay Area, USA and Hyderabad, India. We are a team of chemists who decided to take our decades of experience and create something innovative and exciting.

We pride ourselves on our quality chemistry services and products, ability to keep costs reasonable in today's economic climate, but most of all, we are delighted to offer our expert support and guidance. We've "been there, done that" in the laboratory and enjoy helping our fellow chemists find the right chemistry pathways to achieve their goals. It's just what we do.

We offer chemistry synthesis services including FTE-based contract research, FFS-based custom synthesis and specialty chemicals. Our expert team of chemists with years of extensive experience in CRO environment will work closely with you, and provide relevant feedback to ensure that all of your needs are met. We are flexible to reallocate resources for your changing needs.

We provide you with the highest quality silica and polystyrene reagents, scavengers and peptide synthesis resins to help you reach your research goals when it comes to reaction quality. We have the ability to create customized products, scaling then up to several hundred kilograms for process applications. Our team of experts offers innovative technical support, method development guidance, and can provide supporting documentation for DMF filings or audits.



31st ANNUAL SYMPOSIUM

Friday, February 7, 2020 | 1:00PM – 5:30PM

Scripps Research Auditorium: 10620 John Jay Hopkins Drive, San Diego, CA 92121

Hosted by: Department of Chemistry | chemsem@scripps.edu | (858) 784-2400

DISTINGUISHED SPEAKERS

VÉRONIQUE GOUVERNEUR - Professor of Chemistry, **University of Oxford**

TIMOTHY M. SWAGER - John D. MacArthur Professor of Chemistry, **Massachusetts Institute of Technology**

FRANCES H. ARNOLD - Linus Pauling Professor of Chemical Engineering, Bioengineering & Biochemistry, **California Institute of Technology**

AMIR H. HOVEYDA - Patricia and Joseph T. '49 Vanderslice Millennium Chair, **Boston College**

SPONSORSHIP OPPORTUNITIES Sponsorship opportunities are available for our upcoming nationally recognized Symposium. Donations typically range from \$1,000-\$10,000. Donors will be generously acknowledged on our webpage, in printed materials and at the event. If you are interested, please let us know of your intentions to sponsor by October 25, 2019, so that appropriate acknowledgments can be included in our print advertisements.

www.scripps.edu/frontiers-in-chemistry

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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



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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
Northeast Regional (NERM)	October 18-21	Rochester, NY



YOUR AD HERE!
Your ad in the next issue of
THE SAN DIEGO CHEMIST

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

UPCOMING EVENTS

HOLIDAY PARTY

Sufi Mediterranean Cuisine
5915 Balboa Avenue, San Diego, CA 92111
Tuesday, December 3, 2019

SENIORS/RETIREES/CONSULTANTS/ETC. BREAKFAST

Bristol Farms Café - Costa Verde Shopping Center
Genesee Avenue and Nobel Drive, University City
Thursday, January 9, 2020, at 9:30 AM

SAN DIEGO FESTIVAL OF SCIENCE & ENGINEERING

EXPO DAY at PETCO Park
Saturday, March 7, 2020
<https://www.lovestemsd.org/>

THE 66th ANNUAL GREATER SAN DIEGO SCIENCE AND ENGINEERING FAIR

Judging Day Wednesday, March 11
Balboa Park Activity Center (2145 Park Blvd.)
For information please see <http://www.gsdsef.org/>
March 10 - 15, 2020

Chemistry of Wine

Dr. J. Ernest Simpson
Chemistry Department, California State Polytechnic University, Pomona, CA
Elijah's Restaurant, 7061 Clairemont Mesa Blvd., San Diego
Thursday, March 12, 2020

259th ACS National Meeting & Exposition

Philadelphia, Pennsylvania
March 22-26, 2020

EARTH DAY - EARTHFAIR 2020

Balboa Park, San Diego, CA
<http://www.earthdayweb.org/>
Sunday, April 19, 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

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

Alma Avila Oropeza
Caylor Booth
Esmeralda Camacho
Vinicius Wilian Cruzeiro
Adrian de Almenara
Britney Delapaz
Natalie Enciso
Michael Erb
Kung-I Feng
William Gaieck
Rae Beatrice Germar
Juan Gonzalez
Johnathan Greene
Shawnee Huang
Ethan Jing

Hima Joshi
Edward Kallel
Ghazal Kamyabi
Shekhar KC
Iran Keshvari
Alexander Klivanov
Kelsey Lamb
Roberto Leon Baxin
Z Li
Erika Lucas
Sydney Mikulec
Zarith Sofiya Mohammad Azlan
Catherine Munson
Karissa Murdock
Jill Polese

Padmini Rangamani
Kayla Rasmussen
Rebecca Samuels
Sharmaine Sarturio
Anthony Saviola
Maria Tanega
Khanh Tran
Katherine Van Kirk
Angela Willden
Tom Wu
Yuheng Xie

**2019 EXECUTIVE COMMITTEE & COMMITTEE MEMBERS
SAN DIEGO SECTION OF THE AMERICAN CHEMICAL SOCIETY**

EXECUTIVE COMMITTEE

<i>Co-Chair</i>	Jennifer Barber-Singh, BioFluidica, jbsingh@sandiegoacs.org	(2019)	858-869-7084
<i>Co-Chair</i>	David Wallace, Samumed, LLC, davidmw@san.rr.com	(2019)	858-638-1866
<i>Chair-Elect</i>	James Caldwell, Accelagen, Inc., jcaldwell@sandiegoacs.org	(2019)	815-262-9697
<i>Past-Chair</i>	Jennifer Barber-Singh, BioFluidica, jbsingh@sandiegoacs.org	(2019)	858-869-7084
<i>Secretary</i>	William Tolley, Seacoast Science, Inc., b_tolley@iuno.com	(2019)	858-780-0978
<i>Treasurer</i>	Graeme Freestone, Ionis Pharmaceuticals, Inc., gfreestone@sandiegoacs.org	(2019)	858-539-6363

Councilors

Thomas R. Beattie	(2021)	858-587-1210
Hui Cai, WuXi AppTec	(2019)	858-361-8838
Desiree Grubisha, Halozyne Therapeutics	(2021)	858-254-5497
Valerie Kuck	(2020)	973-744-5510
Ken Poggenburg	(2019)	760-635-2573
David Wallace, Samumed, LLC	(2021)	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, Pratt Pharma Consulting LLC	(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 O'Brien	(2020)	858-336-0654
Bill Szabo	(2019)	858-550-0306
Jackie Trischman, CSUSM	(2021)	858-414-3323
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, Halozyne Therapeutics	858-254-5497
Ken Poggenburg	760-635-2573
Renate Valois (Newsletter Editor)	619-692-0638
David Wallace, Samumed, LLC	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, Samumed, LLC	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

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	858-587-1210
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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), Samumed, LLC	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	858-587-1210
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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