



Pure Water Demonstration Facility Tour Experience

DATE: Saturday, January 11, 2020

TIME: 10:45 AM – 12:00 PM

PLACE: North City Water Reclamation Plant
4949 Eastgate Mall, San Diego, CA 92121

RSVP: <https://www.eventbrite.com/e/86433072647>

The tour, including a presentation, will last approximately one hour. Participants are encouraged to arrive 10-15 minutes before their registered tour time at 10:45 AM.

With little rain and limited local water supplies, San Diego depends on importing 85 percent of its water from the Colorado River and Northern California. Rising imported water costs, population growth and the ongoing drought threaten San Diego's water reliability. To address these challenges, the City of San Diego is moving forward with Pure Water San Diego, a phased, multi-year program that will provide 1/3 of San Diego's water supply locally by 2035.

In an introductory presentation, guests will learn about San Diego's water supply challenges and how water purification can provide a reliable, sustainable and cost-effective drinking water supply for San Diego. Guests will then take a guided walking tour through the Pure Water Demonstration Facility, where proven technology is used to clean recycled water to produce safe, high-quality drinking water through ozonation, biological activated carbon, membrane filtration, reverse osmosis and advanced oxidation with ultraviolet light.

Tour participants will see the equipment and resulting purified water up close and have an opportunity to compare samples of purified, tap, bottled and recycled water. Finally, participants are offered to taste a sample of the purified water produced by the facility.

CHAIR NOTES

Dear ACS Members,

The American Chemical Society is a global organization with over 150,000 members! Our dynamic and visionary society is committed to "Improving people's lives through the transforming power of chemistry." I am excited and honored to spend 2020 as Chair of the San Diego Local Section. We have many annual hosted events planned and I have plans to increase our online presence and grow our student involvement during the coming year. But first, I want to express our debt of gratitude to our 2019 Co-Chairs, **Jennifer Barber-Singh** and **David Wallace**, for their hard work and dedication. They stepped up to the "bench" for our Section and provided leadership when we needed it most. I am grateful for their volunteer service. They left us with much to celebrate at our year-end Holiday Party! Also, congratulations to our newly elected 2020 executive committee! The votes were cast and the 2020 officers are: **Jim Shih** (Chair-Elect), **Bill Tolley** (Secretary), **Desiree Grubisha** (Treasurer), **Jackie Trischman** and **Hui Cai** (Councilors), **Ben Pratt**, **Ken Poggenburg** and **Surya De** (Alternate Councilors), and **Bill Szabo** and **Joann Um** (Members-at-Large). These dedicated volunteers along with our Special Committee members will provide the vast amount of activation energy needed to keep our Section moving forward and producing results for our 2,482 Local Section members and for the San Diego community!

Our next monthly Executive Committee Meeting will take place at 6 pm Thursday, January 9th at Wuxi AppTec, 6122 Nancy Ridge Drive, 92121. ALL members are welcome to attend and experience the inner workings of our Section's leadership. It would be wonderful if you would come collaborate and network with us. As a Local Section volunteer you are the lifeblood of our non-profit Society. I appreciate the time and energy our members dedicate to complete numerous hosted events. These include: Seniors Breakfast Jan 9th, Mad Science program at our local schools, Family Picnic June 28th, 50-/60-/70-Year Member Luncheon, and the 22nd Annual MedChem Symposium in July, Distinguished Scientist Award Banquet, and Holiday Party. The Chemists Celebrate Earth Week theme for 2020 is "Protecting Our Planet Through Chemistry" and we are planning a seminar with The San Diego County Department of Environmental Health Hazardous Incident Response Team! Also, our Section is representing the ACS at Balboa Park EarthFair, 10-5, Sunday, April 19th. Come out and join the fun! The National Chemistry Week theme for 2020 is "Sticking with Chemistry". Our Local Section puts on a huge "Chem Expo" event with Miramar College, Saturday, Oct 24th. In addition to our scheduled Executive Committee meetings there are several monthly seminars in the works. These seminars are a great networking opportunity and cover a variety of topics - Better Dentistry Through Chemistry, Tattoo Ink Chemistry, Chemistry of Wine, and many more! Our next event is a tour of the City of San Diego's Pure Water Demonstration Facility on January 11th at 10:45 am. There are a limited number of tickets. Get yours at: <https://www.eventbrite.com/e/86433072647>.

On behalf of the Executive Committee of the San Diego Section of the ACS, I wish you a deeply fulfilling holiday season and a happy new year!

James T. Caldwell, Ph.D., 2020 Chair,
San Diego Section of the American Chemical Society
E-mail: 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, 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**

ANNUAL MEETING AND HOLIDAY PARTY

The annual Holiday Party and final meeting in 2019, was held at Sufi Mediterranean Cuisine on Balboa Avenue on December 3rd.

Co-Chair, David Wallace, gave a summary of our year's activities and announced the election results and the changes to the Executive Committee: **Jim Shih**, Chair elect, **Jackie Trischman**, Councilor, **Ken Poggenburg**, Alternate Councilor and **Desiree Grubisha**, Treasurer.

Incoming Chair, **James Caldwell**, talked about some of the upcoming events in 2020 and invited member suggestions and active participation. We are looking forward to a very interesting year.

As always it was a nice gathering and everyone enjoyed the sumptuous buffet.



2019 Co-chairs David Wallace, Jennifer Barber-Singh



2020 Chair James Caldwell



Text: Renate Valois
Photo credits: Jim Shih

IN MEMORIAM

The San Diego Section notes with sadness the passing of **Dr. W. William Harvey** on November 12, 2019, just a few days shy of his 93rd birthday. Will remained active in the Section and continued to attend all of the picnics, Honoree Luncheons and Holiday Parties. He was noted for his gentle kindness, mirth and quick wit.

Call For Nominations: ACS Fellows Program

The American Chemical Society (ACS) Fellows Program was created by the ACS Board of Directors in December 2008 to recognize members of ACS for outstanding achievements in and contributions to science, the profession, and the Society. Read more about the [program purpose here](#).

The nomination period for the 2020 Class of ACS Fellows opens on February 1, 2020. It will end at 11:59 PM on April 1, 2020.

Use link for guideline from ACS National:

https://www.acs.org/content/dam/acsorg/funding/fellows/acs-fellows-program-guidelines_2018.pdf

If the volunteer work done by the nominee was performed on behalf of the San Diego Section, the chair or a designee from the executive committee familiar with the service or scientific work will be happy to write a nominating letter. The overall purpose of the program is to recognize the top 1-2% of scientists or volunteers in the ACS. People who are generously compensated will not be considered. Contact **John Schindler** at jwschind@sbcglobal.net for assistance.

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

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: ends 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: ends 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

CHEMISTRY JUDGES NEEDED

Judging by professional societies at the 66th Annual Greater San Diego Science & Engineering Fair will take place on **Wednesday, March 11th, at 12:15 pm** in Balboa Park. If anyone is able to help choose exhibits for our Section's chemistry awards or wants more information, please contact **Ken Poggenburg** at jkp135@att.net

VOLUNTEERS NEEDED

EarthFair

Sunday, April 19, 2020

Balboa Park • 10am - 5pm

San Diego ACS volunteers will set up a table in the Children's Activity Area. This special area has crafts, games, face painting, storytelling, and hands-on activities for children of all ages. Activities are intended to educate, entertain and inspire youth, in the spirit of Earth Day.

Please contact **James Caldwell**, jcaldwell@sandiegoacs.org, to volunteer Sunday, April 19, 2020. We need 3-4 persons for each of the 3-4 hour shifts on April 19th. Please support us and share your care for our earth, chemistry education, and the San Diego ACS!



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

CHEMISTRY OLYMPIAD
Volunteers Needed

Dear Colleagues,

We are hosting the Chemistry Olympiad and the preliminary screening is scheduled on **March 21 and 22 (Sat and Sun) from 9-11 am at the University of San Diego in the Shiley Center for Science and Technology**. I would like to ask if you would be interested in proctoring on either day or both. Ideally, we would like to have 7-8 volunteers (3-4 volunteers per day). We ask volunteers to arrive ~ 30-45 minutes to help set-up, register students, then proctor the 2-hour exam and hand out certificates after the test.

Please let me know.

Thank you,
Joan

Addition Important information for proctors/volunteers:

Please come 30-45 minutes early to help set-up rooms and tables and register/check the names of the students.

Registration information: Please check the student's name in the registration form and have them double check the information listed (especially the email address). If their names are not registered, please have them fill out the form. We can only accommodate another 10-15 unregistered students.

Exam will be conducted for 2 hours. Extra time is not allowed. Proctors are not allowed to answer any questions related to the exam questions.

We provide the following: ACS exam, Scantron paper, scratch paper. All of these should be collected after the exam.

Only non-programmable calculators are to be used on the national exam and on the ACS local section exam, if used. The use of a programmable calculator, cell phone, or any other device that can access the internet or make copies or photographs during the exam are grounds for disqualification.

We provide certificates at the end of the test.

Feel free to bring things to do, read or work on during the 2-hour proctoring period.

Joan Schellinger, PhD
Assistant Professor
Department of Chemistry and Biochemistry
University of San Diego
5998 Alcalá Park
San Diego, CA 92110
(619)260-7960

e3 CIVIC HIGH

JOB SHADOW DAY

FRIDAY MARCH 6TH



*** Provide an experience that allows an e3 scholar to observe and/or participate in the workplace for approximately 4 - 6 hours at your place of business.**

*** While the scholar is there we encourage you to perform your normal activities, but willing to answer questions from the scholar and explain what is happening and why.**



- 4 Hour Experience

8:30 am start time with an ending time at 12:30 pm.

- 6 Hour Experience

8:30 am start time with an ending time at 2:00 pm.



For more information contact:

Melissa A. Woods

Internship & Workforce Development Coordinator

mwoods@e3civichigh.com

619 546-0000 x2725



CHEMPLOYMENT 798

Position Title

Marketing Associate
Full time with Benefits

Responsibilities include, but not limited to the following:

- Assist the marketing manager in strengthening the business connection & collaboration with current clients.
- Set up and assisting the marketing manager at national meeting/tradeshows.
- Be responsible for inside marketing work, such as Email campaign, Social Media, Linkedin, Facebook and Twitter, Web SEO.
- Analyze performance of marketing campaigns and feeding in information to marketing and planning further campaigns.
- Assist sales department with daily sales tasks if needed.

Requirements:

- Bachelor's or Master's degree in Organic Chemistry is required.
- Professional, punctual, detail-oriented, reliable and self-motivated.
- Must have excellent communication skills, verbal & written.

Description of Company

BroadPharm is a leading customer-focused biotech company in San Diego, California. We are dedicated to manufacturing and supplying high purity PEG linkers, Click Chemistry Reagents and advanced Bio-labeling reagents such as Dye Labeling and Biotin Labeling compounds to our clients worldwide. With our strong expertise in modern chemistry, innovative & novel PEG technology and state-of-the-art equipment, BroadPharm can help our customers to accelerate their research through cost-effective and efficient solutions.

Contact Information:

- Please email your résumé to hzhang@broadpharm.com or ttu@broadpharm.com.
- No walk-in or phone calls regarding this job please.
- No recruiter please.

Position Title

QC/ QA Chemist

Full time with Benefits

Responsibilities include, but not limited to the following:

- Product analysis using HPLC & LC/MS analytical instrument.
- Develop analytical methods for new product analysis.
- Generate Certificate of Analysis from raw data.
- Devise procedures to inspect and report quality issues.
- Process and conduct investigations into product complaints with quality relevance.
- Participate on project teams, serving as the QA representative and escalate issues to upper management when appropriate.
- Review and disposition of finished product(s) batch records for development and commercial distribution in a timely manner.
- Maintain tracking logs for quality systems.
- Prepare reports for upper management.
- Review of key statistics such as documentation review and internal audits.
- Report all malfunctions to production executives to ensure immediate action.
- Facilitate proactive solutions by collecting and analyzing quality data.
- Keep records of quality reports, statistical reviews and relevant documentation.
- Ensure all legal standards are met.
- Communicate with external quality assurance officers during on-site inspections.
- Other essential duties as assigned.

Requirements:

- Bachelor's or Master's degree in Analytical Chemistry or Organic Chemistry is required
- NMR, HPLC and LC/MS experience
- Must have attention to detail, be a critical thinker and have effective organizational skills
- Strong written and oral communication skills
- Reliable and Trustworthy
- Maintain a professional, positive and enthusiastic demeanor when communicating with clients and internal staff
- Ability to solve problems, drive results and work collaboratively in a team environment

Description of Company

BroadPharm is a leading customer-focused biotech company in San Diego, California. We are dedicated to manufacturing and supplying high purity PEG linkers, Click Chemistry Reagents and advanced Bio-labeling reagents such as Dye Labeling and Biotin Labeling compounds to our clients worldwide. With our strong expertise in modern chemistry, innovative & novel PEG technology and state-of-the-art equipment, BroadPharm can help our customers to accelerate their research through cost-effective and efficient solutions.

Contact Information:

- Please email your resume to h Zhang@broadpharm.com or ttu@broadpharm.com.
- No walk-in or phone calls regarding this job please.
- No recruiter please.

CHEMPLOYMENT 800

Position Title:

Office Chemist. No laboratory work. Starting with 4 hour job a day until full time employment.

Job Description:

- 1) Chemicals valuation using chemical structure, synthesis route and raw material costs as well as vendors' price collecting. In short "chemicals' appraiser".
- 2) Communication with customers and vendors.
- 3) Writing shipping documents, packing and shipping chemicals
- 4) Any other work needed for proper office operation.

QUALIFICATIONS DESIRED:

Education

Synthetic organic chemistry education, preferably PhD, at least M.S. in organic chemistry. Quick learner capable to handle dozens of projects simultaneously and to respond to up to 50 emails per day. Multi-tasking is a prerequisite, but not at the expense of quality. PERFECT ENGLISH IN WRITING AND SPEAKING!

Experience

At least 5 years, better much more, as a synthetic organic chemist at research and development department. Experienced chemical software and online services user as follows: ChemOffice, ISIS, SciFinder, ChemSpider, Pubchem, MicrosoftOffice. Thunderbird and other common programs.

Description of Company

Founded in Austria in 1990, opened a branch office in the USA in 2008, Aurora became the biggest supplier of chemicals to Chemcat, PubChem and ChemSpider. Aurora manufactures and markets unusual and valuable chemicals of high purity for research and development. www.aurorafinechemicals.com

Application Instructions

If you are tired of laboratory routine but still want to work using your chemical experience and skills, you are in the right place.

Please mail or fax your résumé with a subject line "Office Chemist" to aurora@aurorafinechemicals.com
Fax: 858-549-4701

REGISTRATION & HOUSING ARE OPEN FOR THE ACS SPRING 2020 NATIONAL MEETING & EXPOSITION

Stay on top of chemistry and the chemical sciences — join ACS and thousands of your colleagues at the [Spring 2020 National Meeting & Exposition](#) in Philadelphia, PA, March 22-26. Connect and share ideas with your peers, attend workshops and trainings, advance your career, and discover new research and technologies. Be among the thousands to investigate and deliberate on emerging scientific and technical information on *Macromolecular Chemistry: The Second Century*. In Philadelphia, we will build on the Society's history of providing unrivaled opportunities for attendees to grow their passion for chemistry

[ACS Members pay less for registration](#). You can save up to \$400 by registering before January 8. All attendees — including presenters — must register, so take advantage of this opportunity!

ACS has negotiated special rates with a wide selection of hotels located near the Pennsylvania Convention Center. ConferenceDirect is the official housing bureau for the meeting, and ACS does not endorse booking hotel reservations through any other source. All attendees who book their sleeping room through ConferenceDirect will receive discounted rates, complimentary shuttle buses, and complimentary internet access in their sleeping rooms.

Register, renew your membership, and book your housing [all in one place](#)! Visit the ACS website for rates and category information.

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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



Chemistry Services: Discovery Research (FTE) & Custom Synthesis (FFS); Resin Products: Scavengers, Reagents & Peptide Resins

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

ACS Webinars™

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

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

Every chemical substance, whether natural or artificial, falls into one of two major categories, according to the spatial characteristic of its form. The distinction is between those substances that have a plane of symmetry and those that do not. The former belong to the mineral, the latter to the living world.
Louis Pasteur

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



LOOKING FOR A CHEMIST?

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A two-month ad costs only \$80.00

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

UPCOMING EVENTS

Pure Water Demonstration Facility Tour Experience
North City Water Reclamation Plant
4949 Eastgate Mall, San Diego, CA 92121
Saturday, January 11, 2020

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

SUMMER PICNIC
San Dieguito County Park, Solana Beach
Sunday, June 28, 2020

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

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

Raksha Acharya
Surya Adhikari
Brenda Andrade
Vahid Asgharzadeh-Fozi
Simon Bailey
Brittany Bermoy
Micah Blazar
Qingqing Cheng
Jerry Colca
Anjan Debnath
Jacob Deis
Robert Duffy
Ellen Eberhard
Emmanuel Ho
He Hu

Pengfei Hu
Terry Kellar
Shota Kikuchi
Jisu Kim
Ester Kwon
Gabriel Lander
Christopher McDonald
Adan Meza
Sharon Obendorf
Christopher Olson
Haley Palm
Byron Peters
Arkadius Pichota
Kathleen Prosser

Robert Proulx
Xiaolong Qiu
Austin Ranck-Buhr
Adrienne Saldana
Weijun Shen
Nilantha Sirisoma
Parker Smith
Sebastian Steiniger
Yao Tong
Carlos Torres
Julien Vantourout
Jingchuan Xue
Brendan Zhang
Xiaoyu Zhang

**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, Halozyme Therapeutics	(2020)	858-254-5497

Councilors

Thomas R. Beattie	(2021)	858-587-1210
Hui Cai, WuXi AppTec	(2022)	858-361-8838
Desiree Grubisha, Halozyme 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
James O'Brien	(2020)	858-336-0654
Bill Szabo	(2022)	858-550-0306
Joann Um, Southwestern College	(2022)	510-823-8637

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Ken Poggenburg	760-635-2573
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