

## IT'S SUMMER TIME

There will not be a monthly seminar in August. We wish our members, their families and friends a safe, healthy and relaxing summer!



### CHAIR NOTES

Dear ACS Members,

I hope you are staying cool in this already sweltering summer in San Diego! We had our seventh Executive Committee Meeting of 2021 virtually on Zoom on Thursday, July 8<sup>th</sup>, where we planned several future events and discussed the many activities that occurred in June.

On Wednesday, July 14<sup>th</sup>, **Professor William Tarpeh** of the Department of Chemical Engineering at Stanford University discussed "Trash to Treasure: Extracting and Converting Wastewater Pollutants into Products". He described the worldwide problem of regenerating wastewater and recycling it by using novel membranes and electrochemical stripping. In his talk he described research efforts in his lab to convert nitrogen present in wastewater and converting it to the ammonium ion and removing sulfur by oxidizing it to the plus four state. We had over 70 online registrations and over 40 virtual attendees.

On Friday, July 16<sup>th</sup>, the 23<sup>rd</sup> MedChem Symposium was held jointly with UCSD Department of Chemistry & Biochemistry. This year, in light of the ongoing pandemic, the symposium was held virtually. Four excellent speakers presented research topics ranging from new cross-coupling methods to computational microscopy of SARS-CoV-2. We had over 270 online registrations and over 130 virtual attendees.

Due to scheduling issues, there will not be a seminar presented in the month of August. However, we will have two very interesting talks being planned for September. Please be on the lookout for future announcements for these exciting talks.

Our next Executive Committee meeting will take place on **Thursday, August 5<sup>th</sup>, at 6:30pm on Zoom**. I invite all members who wish to become more involved in the Section to join us. Bring your ideas, your suggestions, and your unique talents to help make 2021 a wonderful year. Please contact me at [jshih@sandiegoacs.org](mailto:jshih@sandiegoacs.org) to receive Zoom log in details.

James J. Shih, 2021 Chair  
San Diego Section of the American Chemical Society  
E-mail: [jshih@sandiegoacs.org](mailto:jshih@sandiegoacs.org)  
Web: [www.sandiegoacs.org](http://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 2021 Chair, **Jim Shih** at [jshih@sandiegoacs.org](mailto:jshih@sandiegoacs.org). Once approved, Jim will see that your announcement is published on our website ([www.sandiegoacs.org](http://www.sandiegoacs.org)) and, if received by the 20<sup>th</sup> 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](http://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 20<sup>th</sup> of each month will be published by the end of that month.

Payments can be made by check or credit cards to  
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For more information, please contact:

**Renate Valois** at [renate@sandiegoacs.org](mailto: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 20<sup>th</sup> 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](mailto: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](mailto: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](mailto: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 2021

**6:30– 8:00 PM**

<b>Thursday</b>	<b>August</b>	<b>5</b>
<b>Thursday</b>	<b>September</b>	<b>2</b>
<b>Thursday</b>	<b>October</b>	<b>7</b>
<b>Thursday</b>	<b>November</b>	<b>4</b>

**Zoom Meetings until further notice**



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 4<sup>th</sup> and 5<sup>th</sup> 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.

#### **VOLUNTEERS NEEDED**

##### **EARTH DAY - EARTHFAIR 2021**

<http://www.earthdayweb.org/>

**New Date: Sunday, September 19, 2021, 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](mailto:jcaldwell@sandiegoacs.org), to volunteer **Sunday, September 19, 2021**. We need 3-4 persons for each of the 3-4 hour shifts on **September 19**. Please support us and share your care for our earth, chemistry education, and the San Diego ACS!

#### **IT IS NOT TOO EARLY TO THINK ABOUT THE ANNUAL SAN DIEGO ACS LOCAL SECTION ELECTIONS 2022**

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 • 3 Members-at-Large**

Councilors, Alternate Councilors, and Members-at-Large serve for three years, and all incumbents may succeed themselves. We encourage the active participation of our members! In particular, Member-at-Large is an excellent way to get involved in Section leadership. If you have an interest in becoming involved in the ACS-San Diego Section and want to make a self-nomination as a candidate for an elected position, please contact: **Jim Shih** at [jshih@sandiegoacs.org](mailto:jshih@sandiegoacs.org)

Please send your bios to **Renate Valois** at [renate@sandiegoacs.org](mailto:renate@sandiegoacs.org) by September 23.

#### **NOTE: VOTING WILL AGAIN BE DONE ELECTRONICALLY**

Voting will be done electronically using your email address on record for the ACS. If you wish to receive a paper ballot instead, please call or e-mail **Jackie Trischman**, Election Coordinator, at **858-414-3323** or [trischma@csusm.edu](mailto:trischma@csusm.edu) by **Tuesday, November 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](http://www.chemistry.org)

#### **A New Gateway to Learning Resources: The ACS Institute**

ACS is pleased to announce the launch of the [ACS Institute](http://www.acsinstitute.org), a centralized portal with over 100 educational and training products and programs from across the Society. The portal includes a new series of both in person and online courses from ACS Publications and a suite of new courses from ACS Education.

The goal of the ACS Institute is to offer courses that are essential to the development of any scientist yet may fall outside of the traditional academic curriculum or that are required to advance in one's career, yet not readily available. Learning centers included in the ACS Institute are organized around [seven focus areas](#): Lab Safety, Scientific Communication, Technical Skills Development, Chemistry in Practice, Leadership Development, Professional Development, and Volunteer Development.

Learn more and get started on the [ACS Institute](http://www.acsinstitute.org) homepage!

#### **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>

#### **AUGUST IN CHEMISTRY**

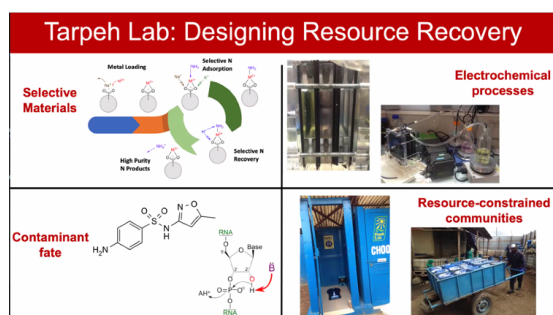
<https://web.lemoyne.edu/~giunta/August.html>

## ***Trash to Treasure: Extracting and Converting Wastewater Pollutants into Products***

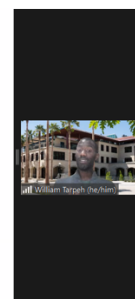
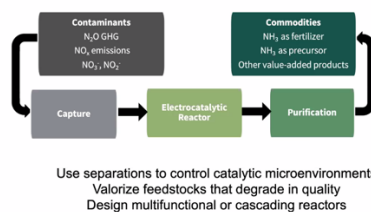
On Wednesday, July 14<sup>th</sup>, **Professor William Tarpeh** of the Chemical Engineering Department at Stanford University presented "Trash to Treasure: Extracting and Converting Wastewater Pollutants into Products". **Professor Tarpeh** described the worldwide problem of regenerating wastewater and recycling it by using novel membranes and electrochemical stripping. In his talk he described research efforts in his lab to convert nitrogen present in wastewater and converting it to the ammonium ion and removing sulfur by oxidizing it to the plus four state. The talk was followed by a lively discussion with attendees asking questions about using his technique to purify wastewater generated by astronauts while traveling to distant planets and removing nitrogen and sulfur contaminants from local inland waters. There were over 70 online registrants with over 40 virtual attendees.



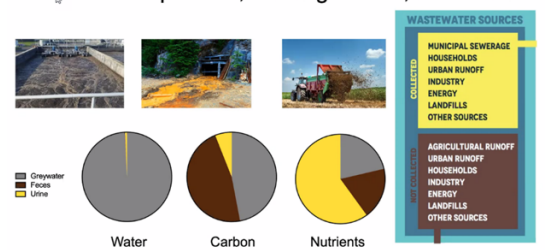
Professor William Abraham Tarpeh



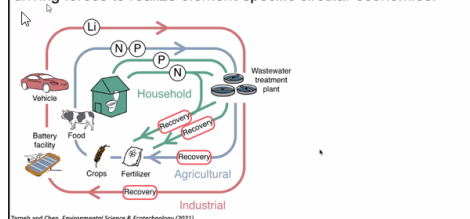
Co-designing catalysis and separations as reactive separations can accelerate improvements in efficiency and sustainability.



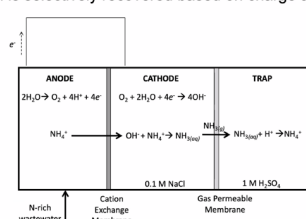
Wastewater is plentiful, heterogeneous, and diverse.



Selective separations can improve sustainability by using various driving forces to realize element-specific circular economies.



Nitrogen is selectively recovered based on charge and volatility.



### Sulfur as a pollutant and product



Wastewaters contain valuable chemical resources.



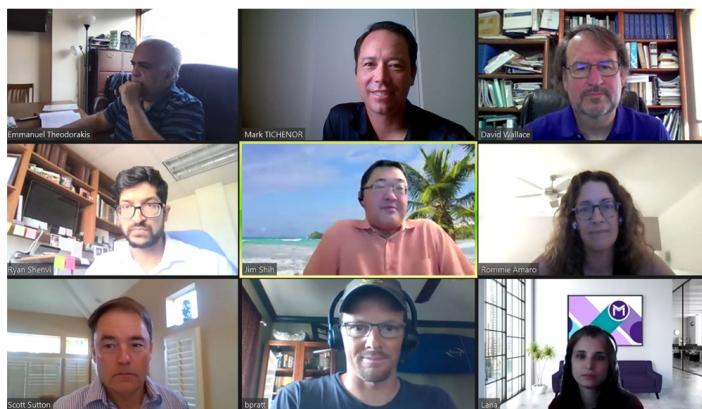
Text: Jim Shih  
Photo Credit: Jim Shih

## THE 23<sup>rd</sup> ANNUAL SAN DIEGO MEDICINAL CHEMISTRY SYMPOSIUM

The 23<sup>rd</sup> Annual San Diego Medicinal Chemistry Symposium took place on July 16<sup>th</sup> as a Zoom meeting. More than 130 attendees signed in to hear talks from an outstanding set of local speakers. This year, the opening talk by **Dr. Scott Sutton** from Pfizer described the discovery of PF-06873600, a CDK2/4/6 Inhibitor for the treatment of cancer. Next, **Professor Rommie Amaro** from UC San Diego spoke about computational microscopy of SARS-CoV-2. After a short break, **Dr. Svitlana Kulyk** from Mirati Therapeutics shared the story of the fragment-based discovery of MRTX9768, a synthetic lethal inhibitor of the PRMT5/MTA complex. The session wrapped up with a presentation by **Professor Ryan Shenvi** on new cross-coupling methods through cage control. Each talk was followed by numerous engaging questions from the audience. The San Diego Section of the ACS and UCSD are eager to collaborate on another symposium next year, planned for July 15, 2022. Please contact **Ben Pratt** ([bpratt@sandiegoacs.org](mailto:bpratt@sandiegoacs.org)), **Mark Tichenor** ([mtichenor@sandiegoacs.org](mailto:mtichenor@sandiegoacs.org)), or **David Wallace** ([davidmw@san.rr.com](mailto:davidmw@san.rr.com)) if your organization would like to sponsor the event or has an exciting new disclosure for this Symposium in 2022!



The screenshot shows a Zoom meeting window with a presentation slide. The slide features the logos of the American Chemical Society (ACS) and UCSD. The title of the event is "23rd ANNUAL SAN DIEGO MEDCHEM SYMPOSIUM" held on "Friday July 16, 2021". It provides a free registration link: <https://www-chem.ucsd.edu/graduate-program/Events/medchem/registraton.html> and a Zoom link: <https://american-chemical-society.zoom.com/j/828846372767?pwd=SGpMYU5lTTlXMTMveC9aSnJlYk1Nzl4dz09>. Below the title, a "SPEAKERS" section lists four speakers with their photos and affiliations: Dr. Scott Sutton (Pfizer) at 8:30 am, Dr. Rommie Amaro (UC San Diego) at 9:15 am, Dr. Svitlana Kulyk (Mirati Therapeutics) at 10:30 am, and Dr. Ryan Shenvi (TSRI) at 11:15 am. A "Coffee Break" icon is placed between the 9:15 am and 10:30 am slots. The Zoom interface at the top shows several participants in a grid view.



Text and Photo Credit: Mark Tichenor



**CONGRATULATIONS TO OUR LONGTIME ACS MEMBERS  
WHO CELEBRATE THEIR ANNIVERSARIES THIS YEAR**

**50 Year Members**

Dr. Allyn Ronald Becker  
Dr. Melvyn Leroy Dutton  
Mr. James Thomas Huneke  
Dr. Lawrence David Jones  
Dr. Mario J. Molina  
Mr. Stephen Elliott Reiter  
Dr. John William Schindler\*

**60 Year Members**

Dr. Thomas R. Beattie  
Mr. Merlin M. Meisner  
Dr. Robert P. Metzger  
Dr. Kate Murashige  
Mr. James R. Peter  
Dr. William Charles Rioka  
Dr. Joseph Watson

**70 Year Members**

Dr. Henry L. Richter

Again, due to COVID-19 we were not able to have our usual Honorees luncheon in July. We hope we will be able to have a luncheon next year.

\*deceased

**SUMMARY OF THE SAN DIEGO ACS SECTION  
EXECUTIVE COMMITTEE TELECONFERENCE  
JULY 8, 2021**

**June ExComm Minutes – Approved**

Monthly Seminars – June: 35 attended, good discussion of synthetic chemistry along with some lessons-learned life experiences; July 14 – Wed, William Tarpeh - Stanford – converting water-borne wastes to products, 50+ registered at this point

MedChem Symposium - July 16, choosing to shorten session due to Zoom fatigue

In-person Events for Balance of 2021 – Zoom license provided by National expires in Fall 2021; National looking into need to provide licenses to Sections without charge thereafter

ChemExpo – Miramar College has not approved in-person events at this point

Distinguished Scientist Award – Concern that COVID variants still posing significant health risk despite vaccinations; candidate selection is in progress; option to select candidate this year but hold off on award banquet until next year

National Meeting Update – Meeting will be a hybrid; governance meeting will be totally virtual; Region VI Caucus will also be virtual; technical program will be in person

Holiday / Year-End Wrap-Up – Hesitant to consider in-person events at this point

Chemistry Olympiad -- Nikhi Seshadri from University City High School made it to International competition

Treasurer's Report – Sold 650 shares of VWENX and funds put into Great Rate Savings; expenses: Newsletter production \$300, Constant Contact \$546; extension for Federal taxes to be submitted; Jim Shih / Section chair could be set up with check-signing authorization

Communications Committee – Surya has asked to resign from handling Constant Contact due to heavy work load, responsibility has been assumed by Jim Shih and Julann Miller; in process of converting Listserv to Google Groups; it would be prudent to create a single cache of passwords to pass on when new officers take office

Nominations – Need candidates for chair-elect; several committee chairs open; positions with 1-year terms (treasurer, secretary) and all councilors with expiring terms have incumbent candidates, but encouraging any others with interest to let Jim Shih know

ExComm Starting Time – Starting time of 7 p.m. tried this month to accommodate more members returning to in-person employment; consensus of starting at 6:30 next month

Next meeting: August 5

## Challenging the status quo in Strategic Patent Counseling.

Dentons combines legal, political, governmental, scientific and business experience to help you achieve your business objectives. We assist in patent prosecution and strategy for emerging and early stage companies. Our Intellectual Property and Technology team has considerable and broad experience in chemistry, pharmaceuticals, enzymology, biotechnology, immunology and other industry sectors.

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### 2021 ACS REGIONAL MEETINGS

Northeast Regional Meeting – NERM 21	October 8-11	Boston, MA
Midwest Regional Meeting (MWRM)	October 21-22	Springfield, MO
Rocky Mountain Regional Meeting (RMRM)	October 21-23	Tucson, AZ
Southwest Regional Meeting (SWRM)	October 31-Nov 3	Austin, TX
SERMACS 2021 <a href="http://sermacs2021.org/">sermacs2021.org/</a>	November 10-13	Birmingham, AL

### 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

For information contact: **Renate Valois** – [renate@sandiegoacs.org](mailto:renate@sandiegoacs.org)

### 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](mailto:trischma@csusm.edu)

760-750-4206

#### Point Loma Nazarene University

Sara Choung

[SaraChoung@PointLoma.edu](mailto:SaraChoung@PointLoma.edu)

619-849-2627

#### San Diego Mesa College

Dwayne Gergens

[dgergens@sdccd.edu](mailto:dgergens@sdccd.edu)

619-388-2609

#### San Diego Miramar College

Fred Garces

[fgarces@sdccd.edu](mailto:fgarces@sdccd.edu)

619-388-7493

Linda Woods

[lwoods@sdccd.edu](mailto:lwoods@sdccd.edu)

(619) 388-7750

#### Southwestern College, Chula Vista

Juan Gonzalez

[jgonzalez3@swccd.edu](mailto:jgonzalez3@swccd.edu)

619-421-6700x5947

#### University of California, San Diego

Stacey Brydges

[sbrydges@ucsd.edu](mailto:sbrydges@ucsd.edu)

858-246-0993

Thomas Bussey

[tbussey@ucsd.edu](mailto:tbussey@ucsd.edu)

858-822-6665

#### University of San Diego

Tammy Dwyer

[tdwyer@sandiego.edu](mailto:tdwyer@sandiego.edu)

619-260-4030



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For information contact: **Renate Valois** – [renate@sandiegoacs.org](mailto:renate@sandiegoacs.org)



### YOUR AD HERE

Your ad in the next issue of

**THE SAN DIEGO CHEMIST**

For information contact:

**Renate Valois** –

[renate@sandiegoacs.org](mailto:renate@sandiegoacs.org)

# Western Regional Meeting - 2022

American Chemical Society - Southern Nevada Section

*EMPOWER CHEMISTS FOR A BETTER TOMORROW*



## Western Regional Meeting (WRM) Information

### WRM 2022 - *Empower Chemists For A Better Tomorrow*

- October 19-22, 2022
- Convention Center @ Flamingo Hotel & Casino, Las Vegas, Nevada
- Contact: [Dr. Rampur Viswanath](#)

### Technical Sessions And Symposia

- Special Invited Speaker: Dr. H.N. Cheng, ACS President
- Keynote Speaker: Professor Stephen L. Buchwald, MIT
- Innovating Organometallics
- Radiochemical Separations for Nuclear Forensics and Nuclear Medicine
- Wearable Sensors/Chemistry
- Water and Waste Pollution Investigations and Treatment Management
- Recent Breakthroughs in Organic Chemistry
- Novel Applications in Mass Spectrometry
- Advances in Medicinal Chemistry

### Exposition Area

- Selected Vendors
- Interactive Poster Display and Contests
- Latest Analytical Instrumentation and Data Acquisition Tools
- *Details in the next update*

### Opportunities

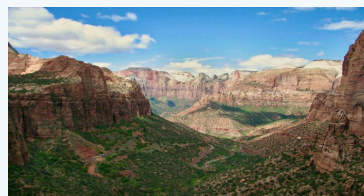
- Mentoring and Networking
- Sci-Social Mixers
- Gain Access to Contemporary Research
- Planned Local Tours of Scientific Interests
- World Class Entertainment & Fine Dining
- And Much, Much More!

## Places of Interest

### University of Nevada, Las Vegas



### Zion National Park



### Hoover Dam



### Red Rock Canyon



### Atomic Testing Museum





**UPCOMING EVENTS**

**262<sup>nd</sup> ACS NATIONAL MEETING & EXPOSITION**  
**Atlanta, Georgia**  
**August 22-26, 2021**

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**EARTH DAY - EARTHFAIR 2021**  
**Balboa Park, San Diego, CA**  
<http://www.earthdayweb.org/>  
**Sunday, September 19, 2021**

**THE SAN DIEGO SECTION OF THE AMERICAN CHEMICAL SOCIETY**

**WELCOMES ITS NEW MEMBERS**

Mohammad Al-Amin  
Julian Aldana  
Thomas Becker  
Stacy Bilben  
Megan Irene  
Collantes  
Keyvan Dastmalchi  
Marsala Enloe  
Jiangyan Feng  
Caroline Fradette  
Kyara Gandara  
Brandon Gonzalez  
Leeza Gutierrez  
Ramirez  
Jessica Lang  
Puhui Li

Allison Lu  
Cristian Medina  
Adela Nano  
Anupam Ojha  
Demian Ortega  
Jordan Paramore  
Arlene Pozon  
Jack Roemer  
David Salinas  
Adonis Stassinopoulos  
Jes Tandy  
Lewis Turner  
Andre Washington  
Eric Welsh  
Qingyu Ye  
Zijun Zhang

**2021 EXECUTIVE COMMITTEE & COMMITTEE MEMBERS  
SAN DIEGO SECTION OF THE AMERICAN CHEMICAL SOCIETY**

**EXECUTIVE COMMITTEE**

<i>Chair</i>	Jim Shih, Eli Lilly & Co, <a href="mailto:jshih@sandiegoacs.org">jshih@sandiegoacs.org</a>	(2021)	626-826-3561
<i>Past Chair</i>	James Caldwell, Accelagen, Inc., <a href="mailto:jcaldwell@sandiegoacs.org">jcaldwell@sandiegoacs.org</a>	(2021)	815-262-9697
<i>Chair-Elect</i>	Juan P. Gonzalez-Gonzalez, Southwestern College, <a href="mailto:jgonzalez3@swccd.edu">jgonzalez3@swccd.edu</a>	(2021)	619-813-8520
<i>Secretary</i>	William Tolley, Seacoast Science, Inc., <a href="mailto:b_tolley@juno.com">b_tolley@juno.com</a>	(2021)	858-780-0978
<i>Treasurer</i>	Desiree Grubisha, Heron Therapeutics, <a href="mailto:desgrubisha@gmail.com">desgrubisha@gmail.com</a>	(2021)	858-254-5497
<i>Councilors</i>			
	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	(2023)	973-744-5510
	Jackie Trischman, CSUSM	(2022)	858-414-3323
	David Wallace, Wallace Scientific Consulting	(2021)	858-638-1866
<i>Alternate Councilors</i>			
	Surya K. De, Supra Sciences, Inc.	(2022)	858-337-4961
	Julann Miller, Waters Corporation	(2023)	800-252-4752 x6802
	Ken Poggenburg	(2022)	760-635-2573
	Ben Pratt, Pratt Pharma Consulting LLC	(2022)	858-945-7893
	Shannon Woodruff, HP Inc.	(2023)	949-735-9021
<i>Members-at-Large</i>			
	James O'Brien, TE Connectivity	(2023)	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
-------------------------	--------------

*ChemExpo*

Jackie Trischman, CSUSM	858-414-3323
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*Communications Committee*

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

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*Voice Mail – San Diego Section*

619-687-5570