



# The San Diego Chemist

San Diego Section

Volume 35, Number 5 | May 2023



ACS Local Section  
presents

## *Professional Networking Mixer*

May 18, 2023  
6:00PM- 8:00PM  
Stone Brewing Liberty Station

Register here!



**Dear esteemed members,**

It is graduation season again! Newly minted chemists of all ages and life stages are moving on to bigger and better things. If you are a recent graduate considering your next move, try starting with the high-quality resources available through the ACS. Whether you are interested in breaking into industry, academia, government, or the nonprofit sector, the [ACS Careers and the Chemical Sciences](#) explorer is a one-stop shop to learn the myriad of possibilities you can attain with a chemistry degree. On that note, if you are a recent graduate, consider celebrating the end of your journey with your Local Section at **Stone Brewery in Liberty Station**. On Thursday, May 18, the Local Section will host a professional mixer. General admission gets you a buffet table of Stone's signature appetizers and a drink ticket good for one alcoholic or nonalcoholic drink. So, print some business cards, touch up that LinkedIn page, and [click here](#) to sign up.

Last month, the Local Section celebrated Earth Day by participating in the **Creek to Bay Clean-Up** event organized by **I Love a Clean San Diego**. I thank Member-at-Large, **Christina Vialva**, who acted as the Local Section site captain at the Chula Vista Wildlife Refuge. I also thank our members who invested some of their time to build camaraderie and make a little slice of our planet a healthier place. I also recognize and thank **the UC San Diego and Southwestern College Student Affiliate Chapters**, who joined me at the Cesar Chavez Park clean-up site. Our combined efforts resulted in cleaning up hundreds of pounds of trash.

In closing, I congratulate my Executive Committee colleague, **Councilor Surya De**, for being honored by the American Association of Indian Scientists in Cancer Research with the P. R. Vijaylakshmi Award for Innovation in Cancer Research.

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And, of course, the Class of 2023.

With gratitude,

Juan Gonzalez

**2023 Chair, San Diego Section of the American Chemical Society**

Discord: [@g-orbital](#)

E-mail: [jpgg@sandiegoacs.org](mailto:jpgg@sandiegoacs.org)

Web: [www.sandiegoacs.org](http://www.sandiegoacs.org)

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## **A Recount of the 2023 Creek to Bay Clean Up**

Greetings San Diego,

My name is Christina Vialva, and I am honored to hold the title of Member-at-Large for the San Diego ACS executive board. A couple of weekends ago, our section participated in the annual “Creek to Bay Cleanup” in honor of Earth Day, organized by the local nonprofit, I Love a Clean San Diego, for the second year in a row! I had the pleasure of leading a team of amazing ACS volunteers who helped collect over one hundred pounds of environmentally harmful trash across the coast of the beautiful Chula Vista Wildlife Refuge in just a couple of hours. While working alongside other groups representing local businesses and schools, our ACS section helped support the natural habitat and nesting grounds of endangered species native to our region, including the light-footed Ridgeway’s rail, California least tern, and salt marsh bird’s-beak species. In addition to our efforts to provide a clean marsh environment for the native wildlife, the event was an educational opportunity to learn more about the colorful history of San Diego’s South Bay territory, as told by our group’s captain and guide through the terrain. Upon leaving the site, I couldn’t help but feel good about how the small amount of time I shared with our ACS community connected me with so many like-minded and caring local leaders with the drive to give back some love to their surroundings.

With gratitude,

Christina Vialva  
(Member-at-Large)  
Email: [cvialva@sandiegoacs.org](mailto:cvialva@sandiegoacs.org)

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# A Reount of the 2023 Creek to Bay Clean Up



**Optimize Your Process Control of Olefin Isomerization**  
c&en Webinars May 9, 2023 @ 10AM  
[Click here!](#)

**How You Can Benefit from New IRA Legislation**  
ACS Webinars May 10, 2023 @ 11AM  
[Click here!](#)

**Green Cards for Scientific Researchers: How to Win Your EB-1/NIW Case**  
ACS Webinars May 11, 2023 @ 11AM  
[Click here!](#)

**Materials Informatics for Product Development: Deliver Big with Small Data**  
c&en Webinars May 17, 2023 @ 8AM  
[Click here!](#)

**How to Safely Manage Chemicals in Educational Settings**  
ACS Webinars May 18, 2023 @ 11AM  
[Click here!](#)

**Optimizing Optics Using Advanced Spectrophotometry**  
c&en Webinars May 18, 2023 @ 8AM  
[Click here!](#)

**Think like a CSO: How to Develop a Strategic Mindset**  
ACS Webinars May 24, 2023 @ 11AM  
[Click here!](#)



**Executive Committee Meeting**  
**Dates 2023**  
6:30– 8:00 PM

June 1  
July 6  
August 3  
September 7  
October 5  
November 2  
December 7  
**[Zoom Meeting](#)**





The San Diego Section of the American Chemical Society would like to thank our Corporate Sponsors.

### 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 2022 Chair, **Juan Gonzalez-Gonzalez** at [jpgg@sandiegoacs.org](mailto:jpgg@sandiegoacs.org). Once approved, Juan will see that your announcement is published on our website ([www.sandiegoacs.org](http://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

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For more information, please contact:  
**Carolina Ibarra** at [cibarra@sandiegoacs.org](mailto:cibarra@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 20th of the month for publication by the end of that month.

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<b>2" x 3"</b>	\$ 75	\$ 68	\$ 58
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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**

Vacant

#### **San Diego Mesa College**

Synthia Chang  
schang001@sdccd.edu

#### **San Diego Miramar College**

Vacant

#### **Southwestern College, Chula Vista**

Juan Gonzalez  
jgonzalez3@swccd.edu  
619-421-6700x5947

#### **University of California, San Diego**

Jeremy Klosterman  
jkk@ucsd.edu

#### **University of San Diego**

Christopher Daley  
cjdaley@sandiego.edu  
619 260-4033

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cibarra@sandiegoacs.org

### SECTION E-MAIL LISTSERVER!

Get up-to-the-minute reminders of  
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To subscribe to our moderated listserver:

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)

### YOUR AD HERE

Your ad in the next issue of

**THE SAN DIEGO CHEMIST**

For information contact:

**Carolina Ibarra**

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





**San Diego Section, American Chemical Society  
Executive Committee – Zoom Meeting  
April 6, 2023, 6:30 p.m.**

**Attendees:** Surya De, Juan Gonzalez-Gonzalez (Chair), Desiree Grubisha (Treasurer), Carolina Ibarra, Julann Miller, Jim Shih, Ryan Smith, Bill Tolley (Secretary), Christina Vialva

Visitor: Han Treu

**Treasurer's Report** (DG) – Waiting allotment and dues payments, ~\$30 in interest: expenses \$1021 food for Click Chem Backstory, line 61 \$525, GSD Science & Engineering Fair awards (an extra award because a duo team doing one project) checks have been mailed, storage unit cost, Vanguard account up; tax returns for past 3 years have been submitted to National; councilors need to submit reimbursement requests.

**Click Chemistry Seminar** (JM) – Don Lewis presented the backstory regarding preparing the patent for click chemistry that led to the recent Nobel Prize for Dr. Sharpless, 53 attending, comfortable venue, in-person event was welcome.

**Super STEM Saturday** (JGG for JT) – 11,700 attendees, SWC hosted urethane foam bugs – traditional favorite.

**Chem Expo** (JGG) – Jackie needs help to organize, Miramar College not available.

**National Meeting Council Meeting** (JGG) – Streamline councilor expense policy, approved candidates for President and directors.

**Greater SD Science & Eng Fair** (JS) – 14 volunteers as judges, fewer projects by ~20%, good presentations, including the quality of the junior division (middle school) and number of topics has expanded, projects include several sophisticated instruments, suggestion to invite winners to repeat their presentations at Chem Expo; award winners from SDACS: Junior Division 1st Place - Ethan Leem, Pacific Trails Middle School, *Most Effective Natural Anti-Bacterial Agent*; 2nd Place (Team) - Adam Jaimovich, Zakari Sayed, The Rhoades Schools, *Efficacy of Various Spice Extracts in Combating Potential Stimulant Hazards*; 3rd Place - Yusra Qarar, Bright Horizon Academy, *Will Soaking Food in Water Before Cooking Remove Starch from It?*; Senior Division 1st Place - Andrew Tsui, Canyon Crest Academy, *Novel High-Throughput Screening and Identification of FDA-Approved Drugs for Alzheimer's Disease Treatment*; 2nd Place - Rishika Kulkarni, Francis Parker School, *Novel PSS-Driven Ligand Exchange on the Surface of Gold Nanocubes*; 3rd Place - Anirudh Kalyanaraman, Mt. Carmel High School, *Cobinamide - A Novel Antioxidant to Protect Against Polyaromatic Hydrocarbon-Induced Cardiac Cytotoxicity*.

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**Earth Day Event** (JGG) – Apr. 22, I Love a Cleaner San Diego Creek to Bay; Juan has signed as lead at one of the city-sponsored sites; the budget is sufficient for 20 clean-up kits, Juan leading event in Cesar Chavez Park, [https://cleansd.samaritan.com/custom/501/creek\\_to\\_bay](https://cleansd.samaritan.com/custom/501/creek_to_bay), typically lasts for 2 hours.

**Chemistry Olympiad** (JGG for Joan) – Top 13 from San Diego invited to advance to National competition.

**Distinguished Scientist Committee** (JS) – Tammy Dwyer has retired from the committee; committee has yet to meet to determine whether a replacement will be nominated, current members of the committee: Barbara Sawrey, Jim Shih, Hui Cai, David Wallace.

**Med Chem** – Symposium canceled due to insufficient time and personnel to allow organize the symposium.

**Adjourn:** 7:25 p.m.

**Next meeting:** June 1

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**Professional Networking Mixer  
Stone Brewing Liberty Station  
6:00PM - 8:00PM  
[Click here!](#)**

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

Chair	Juan P. Gonzalez-Gonzalez, Southwestern College, jpgg@sandiegoacs.org	(2023)	619-813-8520
Chair-Elect			
Past Chair	Jim Shih, Eli Lilly & Co, jshih@sandiegoacs.org	(2023)	626-826-3561
Secretary	William Tolley, Seacoast Science, Inc., b_tolley@juno.com	(2023)	858-780-0978
Treasurer	Desiree Grubisha, Heron Therapeutics, desgrubisha@gmail.com	(2023)	858-254-5497

**Councilors**

Hui Cai, WuXi AppTec	(2025)	858-361-8838
Surya K. De, Conju-Probe	(2024)	858-337-4961
Desiree Grubisha, Heron Therapeutics	(2024)	858-254-5497
Valerie Kuck	(2023)	973-744-5510
Jackie Trischman, CSUSM	(2025)	858-414-3323
David Wallace, Wallace Scientific Consulting	(2024)	858-638-1866

**Alternate Councilors**

Julann Miller	(2023)	
Ben Pratt, Pratt Pharma Consulting LLC	(2025)	858-945-7893
Jim Shih, Eli Lilly & Co	(2024)	626-826-3561
Shannon Woodruff, HP Inc.	(2023)	949-735-9021

**Members-at-Large**

Sean Anderson, Application Specialist, 3M	(2024)	661-714-6174
James O'Brien, TE Connectivity	(2023)	858-336-0654
Bill Szabo	(2025)	858-550-0306
Christina Vialva, Southwestern College	(2024)	951-287-4503

**STANDING & SPECIAL COMMITTEES****Awards Nomination Committee**

Valerie Kuck (Co-Chair)	973-744-5510
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**ChemExpo**

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

Surya K. De, Conju-Probe.	858-337-4961
Desiree Grubisha, Heron Therapeutics	858-254-5497
Ken Poggenburg	760-635-2573
Carolina Ibarra (Newsletter Editor & Social Media Manager)	619-618-9240
David Wallace, Wallace Scientific Consulting	858-638-1866

**Distinguished Scientist Awards Nomination Committee**

OPEN (Chair)	
Tammy Dwyer USD	619-260-4030
Barbara Sawrey	858-729-0689
David Wallace, Wallace Scientific Consulting	858-204-5412
Surya K. De, Conju-Probe	858-337-4961

**Education Committee**

Valerie Kuck	973-744-5510
Joan Schellinger, USD	619-260-7960

**EarthFair**

OPEN

**Finance Committee**

David Wallace (Chair)	858-204-5412
Ryan Smith	619-744-2220

**Fundraising Committee**

OPEN

**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**

OPEN

**MedChem Symposium**

Ben Pratt (Co-Chair), Pratt Pharma Consulting LLC  
Mark Tichenor (Co-Chair), Janssen Pharmaceuticals, Inc.  
David Wallace (Co-Chair), Wallace Scientific Consulting

858-945-7893  
858-334-8914  
858-638-1866

**Membership Committee**

OPEN

**Nominations Committee**

OPEN

**Picnic Committee**

Jim Shih, Eli Lilly & Co.

626-826-3561

**Professional Development Committee**

Valerie Kuck

973-744-5510

**Public Relations Committee**

OPEN

**Senior Chemists Committee**

Ken Poggenburg (Chair)

760-635-2573

**Seniors Breakfasts**

OPEN

**Women Chemists Committee**

Valerie Kuck

973-744-5510

**Younger Chemists Committee**

OPEN

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