



ACS
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The San Diego Chemist

San Diego Section

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March , 2023

10AM-4PM

Dear esteemed members,

I hope you spent these cold February days with someone special and were able to attend our last event, which was a perfect date night activity. My gratitude to **Robyn and Victor Araiza**, who delivered a stellar presentation for “Now You’re Cooking with Chemistry!” Robyn and Victor showed our community how to make the best Rocky Road smores ever, while peppering in some fun chemistry facts about marshmallows and chocolate! I was very humbled by the positive feedback we received. We learned that this type of programming has a lot of untapped potential. Robyn and I have already started brainstorming about our next installment of “Now You’re Cooking with Chemistry!”. To view a recording of February's cooking lesson, [click here](#). I would also like to acknowledge the **National ACS Innovative Project Grant** program. They provided the funding which made the event possible.

Do you have a budding scientist or engineer at home? Are you looking for a fun and educational family event? Why not come out to [Super STEM Saturday](#)? On Saturday, March 11, Cal State San Marcos will host this yearly event. Our **Local Section's Student Affiliate Chapters** and other STEM-themed organizations will be running activity booths and exhibits. Super STEM Saturday will run from 10 AM to 4 PM. Parking is free in Lots E, F, and H. I will be there helping with my students. I hope to see you there!

In addition to Super STEM Saturday, another great event for science fans of all ages is happening at Petco Park on March 4. For the first time since 2020, **The San Diego Festival of Science and Engineering** is back in-person! This event will run from 10 AM to 5 PM. For details, [click here](#).

Did you know that since 1955, the [Greater San Diego Science and Engineering Fair \(GSDSEF\)](#) has provided an inspiring experience for high school students from the San Diego and Imperial Valley regions? The GSDSEF challenges students to do independent research and devise innovative solutions to a variety of scientific and engineering

problems. This year, many of our Local Section members have graciously volunteered to donate their time to be judges. Their experiences and feedback can leave an indelible impression on these young men and women that can steer them as they start their STEM journeys.

I wish you and your loved ones a prosperous and educational month of March.

With gratitude,

Juan Gonzalez

2023 Chair, San Diego Section of the American Chemical Society

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E-mail: jpgg@sandiegoacs.org

Web: www.sandiegoacs.org

Left, Right or Straight Ahead? Making Smarter Decisions

March 1, 2023 @ 11:00 AM PST

[Register here](#)

How Artificial Intelligence is Changing Drug Discovery

March 23, 2023 @ 10:00 AM PST

[Register here](#)

Ecolabeling 2.0: Empowering Sustainable Choices throughout Value and Supply Chains

March 2, 2023 @ 11:00 AM PST

[Register here](#)



Real-Time Analysis of Product Attributes in Downstream Processing of Viral Vectors

March 7, 2023 @ 8:00 AM PST

[Register here](#)



Automated Protein Sample Prep in Regulated and Nonregulated Labs

March 9, 2023 @ 8:00 AM PST

[Register here](#)

Nature's Lipid Nanoparticles: Exosomes in Drug Delivery and Therapeutics

March 9, 2023 @ 11:00 AM PST

[Register here](#)

4 Key Developments Advancing Powder XRD

March 14, 2023 @ 10:00 AM PST

[Register here](#)

Toxicology 101: Chemicals and their Toxic Effects

March 16, 2023 @ 11:00 AM PST

[Register here](#)

Executive Committee Meeting

Dates 2023

6:30– 8:00 PM

March 2

April 6

May 4

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. Once approved, Juan 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!

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For more information, please contact:
Carolina Ibarra at 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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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

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jkk@ucsd.edu

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**San Diego Section, American Chemical Society
Executive Committee – Zoom Meeting
Feb. 2, 2022, 6:30 p.m.**

Attendees: Sean Anderson, Hui Cai, Surya De, Juan Gonzalez-Gonzalez (Chair), Desiree Grubisha (Treasurer), Carolina Ibarra, Julann Miller, Ken Poggenburg, Jim Shih, Ryan Smith, Bill Tolley (Secretary), Christina Vialva, David Wallace

Visitors: Ebi Mostafavi

ExComm Minutes for January (BT / JGG) – Approved

Treasurer's Report (DG) – Money from IPG money was identified as part of another payment from National ACS; income: interest at SDCCU; expenditures: \$30 for seminar, storage locker, travel reimbursement for Juan to attend Leadership Institute

IPG Event (JGG) – “Cooking with Chemistry”, over 100 registered at this point, first 30 registrants will receive a cooking kit with ingredients for the demonstration; ingredients list is available on Eventbrite, the only semi-difficult item to obtain is a candy thermometer

Leadership Institute (JGG) – Juan presented review of glassblowing event at the Leadership Institute, seminar used IPG funds; due to Juan's presentation, many from the institute registered for the upcoming SDACS cooking seminar; Juan met Judy Giordan, Angela Wilson (Juan is hoping to use her connections to induce someone to seek the position of chair for next year)

Upcoming Event - Super STEM Sat. (JGG for JT) – Mar. 11 at CSUSM, looking for volunteers (ACS not a presenter but is working to get volunteers)

STEM Expo (JGG) – Petco Park, because of Super STEM, it seems best that we not dilute our efforts, format for the Petco event has changed since the last time we participated

Law Seminar (JGG) – March or April, Don Lewis as the presenter discussing patenting of CLICK chemistry (Nobel Prize level work); needing a venue, possibly Sanford or Lilly auditorium

Greater San Diego Science & Engineering Fair (JS) – Wed. 3/15, we have not responded regarding our intent to participate; an in-person event but may allow for virtual judging, which allows early judging but doesn't facilitate discussions with the presenters; we need 6-10 judges to be effective, anticipate ~25 projects to assess in ~90 minutes, (one previous presenter filed a patent based on the project results); time required for in-person judging 10 a.m. to 3 p.m.;

Picnic (JS) – Picnic in the past was held in June after school year has ended; a proposal is to hold the picnic in Fall when students are in town; thus, it becomes an opportunity for university students to mix with professionals in the Section; considering Sept. 23

Chem Olympiad (JGG) – Mar. 18 virtual event, needing proctors, 2-3 hours

Adjourn: 7:50 p.m.

Next meeting: Mar. 2

***These minutes have not been approved by the Executive Committee at the printing of this issue**

**Super STEM Saturday
March 11, 2023
10AM- 4PM
CSUSM Campus**

**Greater San Diego Science & Engineering Fair
March 15, 2023
Balboa Park Activity Center**

**Chem Olympiad
March 18, 2023
Local Section Exam**

SAN DIEGO SECTION OF THE AMERICAN CHEMICAL SOCIETY

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Chair	Juan P. Gonzalez-Gonzalez, Southwestern College, jpgg@sandiegoacs.org	(2023)	619-813-8520
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Treasurer	Desiree Grubisha, Heron Therapeutics, desgrubisha@gmail.com	(2023)	858-254-5497

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Valerie Kuck	(2023)	973-744-5510
Jackie Trischman, CSUSM	(2023)	858-414-3323
David Wallace, Wallace Scientific Consulting	(2024)	858-638-1866

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Sean Anderson, Application Specialist, 3M	(2024)	661-714-6174
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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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Ken Poggenburg	760-635-2573
Carolina Ibarra (Newsletter Editor & Social Media Manager)	619-618-9240
David Wallace, Wallace Scientific Consulting	858-638-1866

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David Wallace, Wallace Scientific Consulting	858-204-5412

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Ryan C. Smith, Duane Morris LLP	619-744-2220
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OPEN

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

858-945-7893
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858-638-1866

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