

The San Diego Chemist

American Chemical Society Volume 34, Number 2

San Diego Section February 2022

Steering Science and Technology to Ensure Human Survival

Professor Emeritus Charles Weiss Georgetown University School of Foreign Service

DATE: February 16, 2022

TIME: 7:00 pm PST

PLACE: Your Computer (**ZOOM**)

RSVP https://www.eventbrite.com/e/steering-science-and-technology-to-ensure-human-survival-tickets-

250560371817

For more information, please see page 2

THE CHEMISTRY AND ART OF GLASS

KATHLEEN MITCHELL

Pre-seminar Lecture by San Diego ACS Chair, Juan Gonzalez

DATE: February 18, 2022

TIME: 4:00 PM and 5:00 PM (approx.)

PLACE: 1975 Julian Avenue, San Diego 92113

RSVP https://www.eventbrite.com/e/the-art-and-chemistry-of-glass-social-mixer-at-mujeres-brew-house-tickets-

241242441637



For more information, please see page 2

Professor Emeritus Charles Weiss

ABOUT THE SPEAKER:

Charles Weiss is Distinguished Professor Emeritus at the Georgetown University School of Foreign Service in Washington DC, where he directed the Program in Science, Technology and International Affairs. He earned a Ph.D. in Biochemistry and Chemical Physics at Harvard University where he did research on the molecular orbital theory of porphyrins, chlorophylls, and phthalocyanine and on the light processes of photosynthesis. He went on to be the first Science and Technology Adviser to the World Bank, a position he held for fifteen years. Recently he wrote a book on "The Survival Nexus: Science, Technology and World Affairs (Oxford University Press).

ABOUT THE PRESENTATION:

Science and technology are at the center of many of today's Earth-in-the-balance problems, including pandemics, climate change, cybersecurity and (most importantly) nuclear weapons. In these areas, science and technology do not stand alone. They are interwoven with politics, economics, law, business, and popular psychology, and raise profound questions of ethics.

Professor Weiss will discuss how chemists identified and helped to solve global problems like stratospheric ozone depletion, and how they can contribute today to the development of policies for climate change, innovation, global health, international competitiveness, gene drivers and geoengineering.

KATHLEEN MITCHELL

ABOUT THE SPEAKER:

Kathleen Mitchell was born in Jacksonville, North Carolina (1958) into a family that relocated frequently during her first 9 years. A lifelong maker of art, it has been said that her stegosaurus sculpture at the age of 6 was the best piece of pinched clay in all of Northeastern Pennsylvania. In 1967 her family settled in the multi-cultural city of San Diego, California. A love of Mexican folk-art compliments her proud Celtic heritage in both theme and image throughout her work. Kathleen continues to reside in San Diego with her sculptor husband, their 3 huge dogs, and an occasional visit from their guitar wielding son.

ABOUT THE PRESENTATION:

Join the San Diego ACS for an exciting presentation about the science and art of glass! Chair, Juan Gonzalez, will deliver a pre-presentation lecture on the material properties of glass. Renowned local artist, Kathleen Mitchell, will demonstrate the techniques that turn raw materials into works of art. After the presentation, join us next door at the outdoor patio at Mujeres Brewery for a post-seminar mixer (21+).

Given the limited space inside of Ms. Mitchell's studio, **there will be two presentations** about one hour apart with the first presentation starting at 4 PM. If you cannot attend the presentation, you may nonetheless join us at Mujeres Brewery afterward.

COVID PROTOCOLS

This is an in-person event. **Attendees must be fully vaccinated**. While inside the studio, attendees must also wear a surgical mask or (K)N-95 respirator that covers their entire nose and mouth regardless of vaccination status. The event organizers reserve the right to remove any guest that does not comply with these health guidelines.

THE SAN DIEGO ACS LOCAL SECTION

PRESENTS

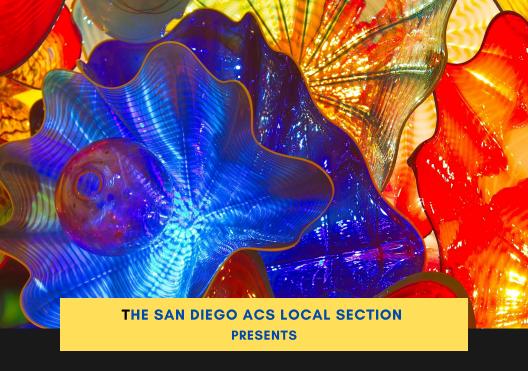
STEERING SCIENCE AND TECHNOLOGY TO ENSURE HUMAN SURVIVAL

Professor Emeritus Charles Weiss, Ph.D

FEBRUARY 16, 2022 7:00 PM PST (ZOOM) REGISTER HERE







THE CHEMISTRY AND ART OF GLASS

4:00 pm and 5:00 pm February 18, 2022

LEARN ABOUT THE ART OF GLASS-MAKING FROM RENOWNED ARTIST,
KATHLEEN MITCHELL
PRE-EVENT LECTURE BY SAN DIEGO ACS CHAIR, JUAN GONZALEZ

Join us next door after the show at Mujeres Brew House for a social hour <u>Register here</u>



CHAIR NOTES

Dear esteemed members,

I hope that your 2022 is off to a great start. Despite the impacts from the latest wave of COVID, I am optimistic that this year will be fantastic for the San Diego Section. We have demonstrated again and again that the local section members are a resilient and dynamic community.

We held our first Executive Committee meeting of 2022 on Thursday, January 6. I want to express my gratitude and confidence in **Tammy Dwyer**, **Barbara Sawry**, and **Dave Wallace** to keep the Distinguished Scientist Award Committee going in light of **Tom Beattie's** passing. They invite you to reach out to them if you would like to help pick our next home-grown honoree.

I am excited for our February events! On the evening of February 16, we will host an impactful lecture over Zoom by Prof. **Charles Weiss**, called "Steering Science and Technology to ensure Human Survival." The following link will take you to the registration page: https://www.eventbrite.com/e/steering-science-and-technology-to-ensure-human-survival-tickets-250560371817.

Looking for a fun date idea? Then join us on February 18 for The Chemistry and Art of Glass. The Local Section has partnered with renowned local artist, Kathleen Mitchell, who will take us on an educational and entertaining journey into the world of glass you workina. I invite to see some of her work https://www.kathleenmitchellglass.com/ . At The Chemistry and Art of Glass, Ms. Mitchell will demonstrate the techniques and equipment that turn raw material into works of art. I am looking forward to giving an introduction on the chemistry of glass before Ms. Mitchell works her magic. I hope I will see you there! You may reserve a spot through our Eventbrite page https://www.eventbrite.com/e/the-art-and- chemistry-of-glass-social-mixer-at-mujeres-brew-house-tickets-241242441637. Please note that The Chemistry and Art of Glass is an in-person event. Attendees will be required to be fully vaccinated and wear a mask while in Ms. Mitchell's studio. After the seminar, I hope you will join us next door at the Mujeres Brew House outdoor patio https://mujeresbrewhouse.com/ for a social mixer.

As we look beyond February, we have an exciting month of March. As you know, the **ACS National Meeting** will be taking place March 20-24 in our beautiful city, so go register if you haven't already. I hope I will see you there! Other events to mark on your calendars in March are the San Diego Festival of Science and Engineering, which will run from March 5th to the 12th. Also, the local Chemistry Olympiad is on March 26th. Registration for the Olympiad opens on January 17th.

Our next Executive Committee Meeting will take place on *Thursday, February 3rd, at 6:30 pm* over Zoom https://american-chemical-society.zoom.com/j/81830600405. I invite all members who wish to become more involved to please join us. Bring your enthusiasm, ideas, and unique talents to help make 2022 outstanding for the San Diego Local Section of the ACS!

With gratitude, Juan Pablo Gonzalez

2022 Chair, San Diego Section of the American Chemical Society

E-mail: jpqq@sandiegoacs.orq 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 2022 Chair, Juan Gonzalez-Gonzalez at jpgg@sandiegoacs.org Once approved, Jim 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:

Carolina Ibarra at <a href="mailto:carolina:caro

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

Advertisers: Ad prices as of January 1, 2015: Size (w x h) Number of Issues & Price/Issue

1	3	6
<i>\$ 75</i>	<i>\$ 68</i>	\$ 58
\$ 80	<i>\$ 74</i>	\$ 67
\$200	\$184	\$163
\$400	\$360	\$310
\$655	\$590	\$510
	\$ 75 \$ 80 \$200 \$400	\$ 75

Discounts will be available for issues not shown. Please send your jpg to:

Carolina Ibarra at caroibarra82@gmail.com

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:

- 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.
- You will receive reminders approx. 5-7 days prior to upcoming events and messages of general interest to members.
- 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 "I", not the number "one" following the word "chemist".

Executive Committee Meeting Dates 2022

6:30-8:00 PM

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

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 4th and 5th 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.

CHEMISTRY JUDGES NEEDED

Judging by professional societies at the 68th Annual Greater San Diego Science & Engineering Fair will take place on **Wednesday, March 16th, 1:00 to 3:00 PM.** For more information, please contact **Ken Poggenburg** at jkp135@att.net

VOLUNTEERS NEEDED

Chemistry Olympiad Digital Local Section Exam (LSE) Saturday, March 26 and Sunday, 27, 2022 • Time: TBA

We are seeking any volunteers who would like to help proctor the digital local test via Zoom. Information will be sent to students on how to log in via zoom and to the testing site. We ask proctors to log in 30 minutes prior to the exam (11:30 am PST) for instructions. We will provide more information as we get closer to the test date.

If you have any questions, please contact: Joan Schellinger (jschellinger@sandiego.edu).

VOLUNTEERS NEEDED

EARTH DAY - EARTHFAIR 2022 Sunday, April 24, 2022, 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 **Juan P. Gonzalez-Gonzalez**, <u>jpgq@sandiegoacs.org</u>, to volunteer Sunday, April 24, 2022. We need 3-4 persons for each of the 3-4 hour shifts on April 24th. Please support us and share your care for our earth, chemistry education, and the San Diego ACS!

ACS-Hach Programs

Please see https://www.acs.org/content/acs/en/education/educators/acs-hach-programs.html for application dates

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

POSTPONED

HPLC 2020 IN SAN DIEGO

Due to the extraordinary circumstances, we have all found ourselves in surrounding the coronavirus (COVID-19) pandemic, we are genuinely disappointed to announce that we must postpone the HPLC conference based on CDC guidance and shelter in place orders. As the health and safety of all of our participants remains our primary concern, the HPLC conference is postponed and will take place at the same location on **June 18-23, 2022** at the Town and Country hotel and conference center in San Diego, CA.

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

FEBRUARY IN CHEMISTRY

https://web.lemoyne.edu/~giunta/February.html

SUMMARY OF THE SAN DIEGO ACS SECTION EXECUTIVE COMMITTEE TELECONFERENCE January 6, 2022

Nov. Executive Committee Minutes -- Approved

<u>Introducing New ExComm Members</u> – Christina V, Leeza Gutierrez, Sean Anderson, Carolina Ibarra (Newsletter editor)

<u>Treasurer's Report</u> – Expenditures: \$2K to Mad Science and funds have cleared; funds for DIR grant received, METT grant funds not received; awards for ChemClash done, Project SEED – in-lab research experience appears unlikely, ACS National offers an on-line version

<u>Monthly Seminar - Chemistry and Art of Glass</u> -- Feb. 18, two sessions with ~14 in each session, Kathleen Mitchell artist, Juan presenting chemistry introduction, simultaneous social at Mujeres Brewery (outdoors); suggestion to include virtual / Zoom component for greater opportunities to view seminar

<u>San Diego Festival of Science and Engineering</u> – Redesigned as block parties rather than one large gathering at Petco Park, considering sponsorship for \$7500; table decision until Feb. ExComm Meeting

National Meeting - Section is expected to host a booth

Action: Juan to confirm with National on current expectations for local section booth

<u>Distinguished Scientist Award</u> – Committee has been functioning for ~25 years and San Diego has many scientists worthy of such an award; committee requesting ExComm consensus regarding selecting new committee members, suggestion to select younger members to help perpetuate the award; suggestion to include mentoring as a criterion in selection of awardee

Motion: Continue award and award committee; approve current committee to nominate new members with a view of slowly replacing the current members with younger members -- **Approved**

<u>Website and Newsletter Redesign</u> – Consider possibility of developing phone-friendly app in addition to a Web browser version; encouragement to participate in LinkedIn group

<u>Senior Chemists Committee</u> – Suggestion to work on virtual meetings but recognize that senior members tend to be less interested in virtual activities; pandemic conditions may have pushed even senior members into using virtual meetings

<u>Spring Symposium at SDSU</u> – SDSU has expressed interest in continuing joint SDACS – SDSU seminar for Spring

<u>Chem Olympiad</u> – Registration begins in ~2 weeks, event Mar. 26, volunteers needed for ~2 hour to proctor on-line

Earth Fair - Scheduled for April, students often willing to assist

<u>Employment opportunity</u> – Opening for nuclear chemistry position at San Jose or Brookhaven for undergraduates

Next meeting: Feb. 3, 2022

POSITION TITLE:

Senior Process Development Engineer

JOB DESCRIPTION:

Hydrova is forging a new industry standard in clean energy and industrial waste processing. Hydrova's solution is a novel chemical process that repurposes industrial waste while producing green hydrogen. We are looking for an engineer to help design and construct a scaled-up chemical process system including a prototype reactor. If you are looking for an opportunity to get in at the ground floor of a startup developing cutting-edge technology, Hydrova is for you. Join this energetic, mission-driven startup to become an integral part of the team and help commercialize a technology that will transform heavy industry.

Hydrova seeks a chemical engineering professional to join our core team and spearhead process commercialization. The successful candidate will work directly with the CTO to help design, assemble, and install Hydrova's first-of-a-kind chemical process demonstration prototype, then transition to demonstration prototype testing and operation.

QUALIFICATIONS DESIRED:

- BS or MS in Chemical Engineering or related field
- Minimum 3 years of experience in the waste treatment, petrochemical, chemical, industrial gas, metallurgical, pulp and paper, or related industry
- Relevant experience in chemical process design, optimization, and scale up
- Relevant experience with process control for batch and continuous processes
- Well versed in typical chemical process engineering deliverables, i.e., process flow diagrams, piping and instrumentation diagrams, heat and mass balances, datasheets and specifications
- Relevant experience maintaining schedules and budgets of third-party engineering firms
- Experience working in a startup environment (a plus/preferred)
- Experience with process hazard analyses (PHA, HAZOP, LOPA) (a plus/preferred)
- Experience with interpretation and application of Codes and Standards such as ASME, ISA and NFPA (a plus/preferred)
- Professional Engineer Certification (a plus/preferred)

Personal Characteristics:

- Dedicated to safety
- Internally motivated with a strong work ethic
- Able to transition between working closely with a small team and self-directing
- Organized and effective task management
- Data-driven and effective decision maker
- Innovative and flexible
- Thrives in an ever-changing environment

DESCRIPTION OF COMPANY:

Hydrova is an MIT-funded cleantech startup based in San Diego, CA developing an innovative technology that repurposes industrial waste while producing green hydrogen. Founded by Mechanical Engineering, Management, and Physics graduates from MIT and Georgetown, Hydrova was established in early 2020 with the mission of fighting climate change by using low-cost green hydrogen to decarbonize heavy industry. The Hydrova team has developed a patent-pending process that has been proven in lab, has generated commercial interest, and is now working to scale up its technology.

APPLICATION INSTRUCTIONS:

Please apply at: hydrovatech.com/careers

COMPANY PROFILE



Hydrova: Diverting Waste, Preventing Emissions

Hydrova is a cleantech startup located in San Diego, CA, developing an innovative technology that can repurpose industrial waste while producing green hydrogen.

Hydrova's core team is made of Mechanical Engineering, Management, and Physics graduates from two of the world's leading research institutions, MIT and Georgetown, bolstered by decades of industry experience and engineering PhDs held by leading minds in the cleantech space.

Please see: <u>hydrovatech.com</u> for more information.

POSITION TITLE:

Part-Time Chemistry Instructor (Adjunct Faculty)

MINIMUM QUALIFICATIONS:

Master's in chemistry OR Bachelor's in chemistry or biochemistry AND Master's in biochemistry, chemical engineering, chemical physics, physics, molecular biology, or geochemistry OR the equivalent.

START DATE:

As soon as the successful candidate is identified and following the subsequent governing board approval.

WHERE TO APPLY: https://jobs.swccd.edu/postings/2288

Application Instructions:

All application materials must be received on-line at https://jobs.swccd.edu. The position is open until filled.



Southwestern Community College District is a single college district providing higher education in Chula Vista, San Ysidro, Otay Mesa, National City and Coronado. SCCD's strategic south San Diego County locations position the College to provide exceptional service to a binational community on the U.S.-Mexico International Border. SCCD is one of 20 initial California Guided Pathways colleges and is known for its excellent learning communities. As a designated Hispanic Serving Institution, the College values equity, inclusion, and culturally responsive andragogy for all students. College is dedicated to providing quality academic programs, comprehensive student support services that ensure equitable access, and clear pathways to student success.

POSITION TITLE:

Assistant Professor of Chemistry (Tenure-track)

Job Description

Under the direction of the Dean of the School of Mathematics, Science & Engineering, as a full-time faculty member for the Chemistry discipline, this individual will provide leadership for the development of curriculum, integration of technology into the curriculum, and course materials for both lecture and laboratory. The new faculty member is expected to participate in department, school and college committees, selected staff development, and/or extracurricular activities. The teaching assignment may consist of a combination of freshman and sophomore-level chemistry courses.

In addition to instruction, general responsibilities include, but are not limited to, the following:

- Teach all classes as assigned and maintain contractually defined office hours that are supportive of students
- Provide a learning environment that addresses diverse learning styles
- Assist in the development of new curriculum, integrating modern (analytical) instrumentation at all levels
- Implement innovative teaching strategies, including inquiry-based learning and CUREs (Course-based Undergraduate Research Experience)
- Recruit, advise, and mentor students
- Work collegially and professionally as part of a team
- Show a commitment to ongoing professional development and knowledge of advancements in chemistry
- Demonstrate commitment to the goals and philosophy of the California Community College system

START DATE:

August 18, 2022 (Fall Semester, 2022)

MINIMUM QUALIFICATIONS

Master's Degree in Chemistry or Biochemistry AND a Master's Degree in Biochemistry, Chemical Engineering, Chemical Physics, Physics, Molecular Biology, or Geochemistry OR the equivalent OR a valid California Community College Instructor Credential in Chemistry.

WHERE TO APPLY: https://jobs.swccd.edu/postings/3623

APPLICATION INSTRUCTIONS:

All application materials must be received on-line at https://jobs.swccd.edu. Position is open until filled. Applications received by the first screening deadline of 11:59 p.m. on Friday, February 4, 2022 are guaranteed to be reviewed by the selection committee. Any application received after the deadline is not guaranteed a review.



Southwestern Community College District is a single college district providing higher education in Chula Vista, San Ysidro, Otay Mesa, National City and Coronado. SCCD's strategic south San Diego County locations position the College to provide exceptional service to a binational community on the U.S.-Mexico International Border. SCCD is one of 20 initial California Guided Pathways colleges and is known for its excellent learning communities. As a designated Hispanic Serving Institution, the College values equity, inclusion, and culturally responsive andragogy for all students. College is dedicated to providing quality academic programs, comprehensive student support services that ensure equitable access, and clear pathways to student success.

POSITION TITLE: Chemistry Quality Control Laboratory Supervisor

JOB DESCRIPTION:

Chemistry Supervisor ensures the fundamental integrity of the laboratory infrastructure. This position oversees routine and non-routine analysis of proteins, peptides, small molecules, large molecules, and ADCs, and supports the development of procedures & initiatives to Quality Control departmental goals. This is a 2nd shift opportunity.

Responsibilities:

- Oversees in-process, release, and stability activities for buffers, intermediates, and finished drug product in the QC Chemistry Department.
- Responsible for all applicable QAD input associated with release of finished goods.
- Coordinates QC functions with operation activities and cross departmental staff.
- Ensures implementation and maintenance of quality systems, including but not limited to, SOP writing, deviations, technical report review and personnel training.
- Interacts with clients and follows up on client inquiries. Serves as a liaison between the Company and auditors.
- Oversees quality testing, along with the implementation of new testing methods, including qualification and validation of test methods.
- Analyzes data, technical reports, deviations, OOS investigations and test results and provides conclusions and proposals for future directions; capable of critical review.
- Makes recommendations for corrective action necessary to assure conformity with quality specifications.

QUALIFICATIONS DESIRED:

Bachelor's degree in a Life Sciences discipline with 4 years of relevant experience in quality control or contract laboratory testing and minimum of 1 year of functional or day to day leadership or mentoring experience. Or, a Master's degree in Life Sciences or Analytical Chemistry with 2 years laboratory experience with ELISA or HPLC and minimum of 1 year of functional or day to day leadership or mentoring experience.

DESCRIPTION OF COMPANY:

At our US location, our focused expertise and capabilities makes us one of the industry's top leaders for large molecule manufacturing and aseptic drug product fill in vials and syringes.

APPLICATION INSTRUCTIONS: Please a apply online at

https://phe.tbe.taleo.net/phe01/ats/careers/v2/viewRequisition?org=ALTHEATECH&cws=38&rid=1828

COMPANY PROFILE



At Ajinomoto Bio-Pharma Services, our mission is to help improve the health of humankind. As a leading, global contract development and manufacturing organization, with sites in the US, Belgium, Japan and India, we work together to empower our clients to bring drugs to market.

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



NuMega Resonance Labs

FAST TURNAROUND, ACCURATE RESULTS

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2022 ACS REGIONAL MEETINGS

Middle Atlantic Regional Meeting (MARM) June 1-4 Ewing, NJ
Northeast Regional Meeting (NERM) October 2-5 Rochester, NY
ACS Midwest Regional Meeting - MWRM Oct 19-21, 2022 check for info
Western Regional Meeting WRM Oct 1 9-22, 2022 Las Vegas, NV



LOOKING FOR A CHEMIST?

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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: Carolina Ibarra at <a href="mailto:carolina:caroli

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 <u>SaraChoung@PointLoma.edu</u> 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 <u>lwoods@sdccd.edu</u> (619) 388-7750

Southwestern College, Chula Vista

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

University of California, San Diego

Stacey Brydges <u>sbrydges@ucsd.edu</u> 858-246-0993

Thomas Bussey tbussey@ucsd.edu 858-822-6665

University of San Diego

Tammy Dwyer tdwyer@sandiego.edu 619-260-4030



YOUR AD HERE

Your ad in the next issue of

THE SAN DIEGO CHEMIST

For information contact:

Carolina Ibarra caroibarra82@gmail.com

UPCOMING EVENTS 2022

STEERING SCIENCE AND TECHNOLOGY TO ENSURE HUMAN SURVIVAL Professor Emeritus Charles Weiss February 16, 2022

https://www.eventbrite.com/e/steering-science-and-technology-to-ensure-human-survivaltickets-250560371817

THE CHEMISTRY OF ART AND GLASS KATHLEEN MITCHELL

February 18, 2022

https://www.eventbrite.com/e/the-chemistry-and-art-of-glass-social-mixer-at-mujeres-brewhouse-tickets-241242441637

THE 68th ANNUAL GREATER SAN DIEGO SCIENCE AND ENGINEERING FAIR Balboa Park Activity Center (2145 Park Blvd.)

For information please see http://www.gsdsef.org/ Wednesday, March 16, 2022, Judging Day

CHEMISTRY OLYMPIAD DIGITAL LOCAL SECTION EXAM (LSE)

March 26 and 27, 2022 from 12:00 PM - 1:50 PM PST (3:00 PM - 4:50 PM ET). Any questions, please contact: Joan Schellinger (jschellinger@sandiego.edu)

263rd ACS NATIONAL MEETING & EXPOSITION March 20-24, 2022 San Diego, California

EARTH DAY - EARTHFAIR 2022 Balboa Park, San Diego, CA http://www.earthdayweb.org/ Sunday, Sunday, April 24, 2022

264th ACS NATIONAL MEETING & EXPOSITION August 21-25, 2022 Chicago, Illinois

THE SAN DIEGO SECTION OF THE AMERICAN CHEMICAL SOCIETY

WELCOMES ITS NEW MEMBERS

Brian Lorenzo Balisi Krister Barkovich Mahadevan Bhupathy Nina Bozhanova Natalie Charbonneau Camryn Curtis Allison Eazell Hayley Fong Clare Hermanson Maximiliano Hernandez Ramesh Kakarla Ashley Katana
Roger Leach
Md Nafiujjaman
Annalisa Scafidi
Nadezda Sokolova
Heather Thorogood
Karen Tinoco
Kayla Mari Vale Cruz
Mingxun Wang
Lydia Weddle
Chang Yan

2022 EXECUTIVE COMMITTEE & COMMITTEE MEMBERS SAN DIEGO SECTION OF THE AMERICAN CHEMICAL SOCIETY

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Valerie Kuck	(2023)	973-744-5510
Jackie Trischman, CSUSM David Wallace, Wallace Scientific Consulting	(2022) (2024)	858-414-3323 858-638-1866
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OPEN (Chair) Tammy Dwyer USD		619-260-4030
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Brittany P. Witherspoon, Janssen Research and Development		619-373-2436
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