



ACS  
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# The San Diego Chemist

San Diego Section

Volume 36, Number 10 November 2024

YOU ARE INVITED TO OUR



## End-of-Year Meeting and Holiday Party



DECEMBER 5, 2024  
6-9PM

THE BUTCHER SHOP STEAKHOUSE



REGISTER NOW!

Pleasant greetings, San Diego!

If you celebrated it, how was your Halloween? I know mine involved a lot of candy (maybe a little too much candy...).

As we step into November, I'd like to express my gratitude to all who take a moment to read these notes. Truthfully, *you* are what has continuously inspired and educated me throughout my experience as your chair. November is election month; but not just for the president. **Our Local Section ACS elections are coming your way!** If you are a voting member, please keep an eye out for our Local Section election ballot emails! ***The voting period for this year's election will be from November 7 to November 21st, 2024, and will be accounted for electronically.*** Your voice matters, and we want to make sure it's accounted for as we elect our new 2025 San Diego ACS elected officials! Also, plan to stay tuned for our last meeting of the year, combo'd as our **End-of-Year Holiday Party**, held on **Thursday, December 5th**, at **The Butcher Shop Steakhouse**, to hear our election results!

Also in these notes, I'd like to take a moment to reflect on some recent events that have not only highlighted our community's commitment to diversity and inclusion but also celebrated outstanding contributions to the field of chemistry.

First, I'd like to extend a heartfelt thank you to everyone who participated in our recent **DEIR event, "Queer in STEM: A Historical Quandary."** The discussions were not only enlightening but also profoundly moving. It was inspiring to see our members engage with the rich history and ongoing challenges faced by LGBTQ+ individuals in the STEM fields. The diverse perspectives shared during this event reinforced our commitment to fostering an inclusive environment where everyone, regardless of gender identity, feels valued and empowered to contribute.

Additionally, I want to highlight the success of our recent **Distinguished Scientist Award Dinner. Liangfang Zhang** is truly a trailblazer in science, and I hope to continue to hear about the continued work around his amazing cellular nanoparticles. It was also an honor to commemorate some of our Local Sections leaders during the dinner, as our MedChem Symposium Co-Chairs received accolades as **Outstanding Committee Chairs of the Year**. Thank you, **David Wallace, Tao Wu, Fleur Ferguson, Mark Tichenor, and Ben Pratt**, for your outstanding work! I believe I can speak on behalf of the Section when I say we can't wait for next year's program! And, of course, I can't end this section without commenting on **Jiyue**

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**Chen** as our recipient of this year's **Tony Bottone Volunteer of the Year Award!** Thank you, Jiyue, for coming into our Local Section as a beacon that has illuminated our Women Chemists Committee, co-coordinated multiple events with our team, and is committed to continuing your work into the not-so-distant 2025 year.

As we approach the holiday season for many who observe it, I want to wish each of you a positive and safe time with your loved ones. Together, we are making strides toward a more inclusive and vibrant scientific community.

Warm regards,  
Christina Vialva  
San Diego ACS Chair

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# Queer in STEM: A Historical Quandary



# 2024 Distinguished Scientist Award Banquet



# 2024 Distinguished Scientist Award Banquet



# 2024 Distinguished Scientist Award Banquet



## **Job Opening**

### **Los Angeles County Museum of Art (LACMA)**

#### **Research Fellow**

Regular Full-Time Professional

**Los Angeles, CA, US**

**Salary Range:** \$66,950.00 To \$66,950.00 Annually

**Research Fellow** (Regular, Full-Time)

Conservation Center

Reporting to the Head Scientist, the Los Angeles County Museum of Art (LACMA), is offering a two-year research fellowship position in the Conservation Research laboratory (Projected End Date 8/31/2027, At-Will employment applies). The successful candidate will provide key scientific skills and expertise as part of the 'Carbon Reduction for Art in Transit (CRAIT)' project, funded by IMLS. This project research and test alternative and more sustainable packaging materials for art shipping with the goal to replace (where possible) the use of non-recyclable, non-environmentally friendly materials and reduce the carbon footprints of art crates.

CRAIT is an expansion of a previous pilot program, conducted at LACMA, where several crates were tested using different packing systems. The crates were tested with different shock and vibration parameters to evaluate the mitigation of the materials used and carbon footprints was also calculated.

This research fellowship opportunity provides a unique chance to work in a highly collaborative role with a wide reach across the organization, touching on program areas as well as research and collection care. The fellow will have the opportunity to work closely with LACMA's team and the partners in the CRAIT project to contribute to a groundbreaking project that is addressing pressing challenges in the cultural heritage field.

#### **Responsibilities**

Research of art crates, packaging system, experimental design.

Assist the CRAIT core team.

Use advanced statistical methods to analyze data and present research findings through technical reports.

Present research findings at professional conferences and contribute to peer-reviewed journals.

Organize and manage sample preparation, data, reports, and literature review tasks according to priority.

Develop strong communication and collaboration skills to work independently and as part of a team.

Encouraged and supported to attend specialized training courses and participate in professional meetings and workshops for professional development.

### **Benefits**

The expected annual salary for this Los Angeles, CA based position is \$66,950.00 subject to change, and the position is eligible for LACMA's comprehensive benefits package, including pension plan.

### **Qualifications**

Master's or Ph.D. in Packaging Science or STEM fields.

Knowledgeable with life cycle assessments, carbon footprint calculations and vibrations monitor and effect on objects

Knowledge of vibration analysis and cushioning curves

Familiar with the cultural heritage field

Creative problem-solving with a willingness to learn new skills and work effectively in a highly collaborative environment.

Strong skills in organization, data management, prioritization, communication, and writing.

### **Interested candidates must submit the following material**

A cover letter expressing the candidate's interest and intention in applying for this fellowship.

A curriculum vitae, including publication list and experience with equipment and techniques.

PDFs of at least one up to three peer-reviewed publications

Three letters of recommendation from professional references

Confirmation of Degree

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November 6, 2024

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Unlocking Longevity: Aging Hallmarks and Innovative Anti-Aging Strategies

ACS Webinars November 14, 2024

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A Scientist's Guide to U.S. Residency: Expert Tips for Foreign Scientists

ACS Webinars November 21, 2024 @

6:00 PM PST

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Interrogating Solid Catalysts Using (In Situ) Diffuse Reflectance UV-Visible Spectroscopy

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The Science of Batteries

November 19, 2024

8:00 AM PST

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The Latest on Digitalization, Process Analytical Technology and Quality Control

November 20, 2024

8:00 AM PST

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**c&en**  
CHEMICAL & ENGINEERING NEWS

**Executive Committee Meeting  
Dates 2024**

6:30– 8:00 PM

November 7th

December 5th

**Zoom Meeting**



The College of Science, Technology, Engineering, and Mathematics

# PROFESSIONAL MENTORING PROGRAM (PMP)

Kick Off Event  
Thursday,  
Sept. 19

End of Year  
Networking  
Social  
Wed., April  
30, 2025

Join us as a Mentor!  
Be part of our initial match  
by registering before  
September 13.

MENTOR APPLICATION



PMP WEBSITE



QUESTIONS? CONTACT ROBYN ARAIZA, FACULTY DIRECTOR, AT RARAIZA@CSUSM.EDU



INDIVIDUALS WITH DISABILITIES WHO WOULD LIKE TO ATTEND THIS EVENT SHOULD CONTACT THE MATHDEPT@CSUSM.EDU REGARDING ANY SPECIAL ACCOMMODATION NEEDS. IT IS REQUESTED THAT INDIVIDUALS REQUIRING AUXILIARY AIDS SUCH AS SIGN LANGUAGE INTERPRETERS AND ALTERNATIVE FORMAT MATERIALS NOTIFY THE EVENT SPONSOR AT LEAST SEVEN WORKING DAYS IN ADVANCE. EVERY REASONABLE EFFORT WILL BE MADE TO PROVIDE REASONABLE ACCOMMODATIONS IN AN EFFECTIVE AND TIMELY MANNER.





# Graduate Student Symposium ACS Spring 2025

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# SHOW OFF YOUR ACCOMPLISHMENTS

## Who can participate :

- ACS Student Chapters ✓
- Graduate Student Organizations ✓

## What to do :

- Send your info. before the 15th of each month ✓
- Fill in this form ✓



[Register here](#)

**San Diego Section, American Chemical Society  
Executive Committee – Zoom Meeting  
October 3rd, 2024 6:30 p.m.**

Attendees Christina Vialva, Desiree Grubisha, Jiyue Chen, Harshada Sapre, Surya De, Jim Shih, Juan Gonzalez, Max Mahle, Jackie Trischman  
Meeting convened: 6:32 pm

Changes/Approval of August Minutes

**Motion:** Approve September 2024 Minutes — **Approved**

Treasurer's Report (DG)

- Expenses:
  - Line 29- \$648.72 Medchem Symposium. Charges from UCSD have not been processed yet.
  - Line 31- \$2200 ACS picnic
  - Line 79- \$1500 September newsletter
  - Line 85ac- \$431 Social Media Activities
  - Line 99c- \$653.87 speaker travel for Chemistry and art of conservation and restoration
    - **Motion:** Approve \$346.13 to present to Laura and \$100 each to Bianca and her assistant (Balboa Art Conservation Center) for a total of \$546.13 to reimburse the speakers of the Chemistry of Art Conservation event — **Approved**
- Revenues
  - Line 9- \$1500 medchem symposium

WCC Status Report: Trailblazer award for Women in Chemistry (JC)

Breakdown of nominations: 19 nominations, 16 eligible candidates, 12 nominated by others and 4 self nominations. 2 have masters degree and 14 have obtained or are in the process of obtaining a doctoral degree in chemistry. Call for volunteers to be a part of the selection committee. Contact Jiye Chen for further information. Deadline for the selection committee is October 15th.

Recap: IPG event: Chemistry of Art Conservation (CV/JG)

Event had a high retention of participants based on sign-ups (28 out of 30 attended). Participants seemed to really enjoy the event. Received a lot of feedback from the event, including strong interest in having it again next year. It was suggested that the event be submitted for the ChemLuminary award due to the unique ideas, the strong execution and applicability of the theme.

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#### Recap: ACS Annual Picnic (CV)

80 total sign-ups. Peak attendance was 45-50 people. Low submissions for dessert competition this year. The music, location and food received positive feedback. Participation/attendance from undergraduate and graduate students need to be encouraged. Consider scaling down the venue to a smaller picnic area for future years.

#### Upcoming Event Status Report: Queer in STEM: A Historical Quandary (CV)

Event is taking place on October 10th at Home Lab UCSD. Event is being funded through the DEI grant. UCSD office of innovation and commercialization is a sponsor for this event, providing \$500 of support. Low on registrations currently. CV has reached out to local community centers, as well as other connections to promote this event. Can create a raffle for swag bags to encourage attendance.

#### Upcoming Event: Distinguished Scientist Award Dinner (JS, JT)

20 participants for the event so far. Butcher shop requires an initial breakdown of headcount for meals one week before. Colored tickets will be given out to participants based on the type of meal they requested. Event will be advertised to chemistry departments at schools to encourage more attendees.

#### Status Update: 2024 ACS Election

Still need a candidate for 2024 Chair for the ACS local section. Next year will focus on expanding the committees to have more participants involved in the local section. JT and SH can co-chair for next year, if there are no candidates for the role. Max Mahler is also a potential candidate for chair, provided he has a co-chair.

#### Status Report: Chem Expo (JT)

The event has been canceled for 2024. New background check system would require every volunteer to sign up for a survey in a short timeline, which led to the event being canceled for the year. Event will be advertised early next year to get all of the volunteers signed up and cleared by the background check. Merchandise that has been ordered for this event can be used for other events throughout the year. Motion: Reimburse Jackie Trischman for the supplies ordered for Chem Expo, which will be used for other events throughout the year instead — Approved

#### Discussion: Western Regional Meeting (JT)

Fall 2027 is a good time to host the Western Regional Meeting. This meeting will be in collaboration with the ACS section in Hawaii. Reach out to chemistry departments to find a chair who will help lead the event. Can participate as a chair as a part of the tenure package.

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ACS Storage Locker Update (JT)

Storage place near CubeSmart that has 5 x 10 lockers on the ground floor for \$67 a month. JT will get the required information to secure the new storage locker.

Constant Contact Account (CV)

The constant contact account is in another individual's name, leading challenges to complete verification to get access to the account. The constant contact needs to be moved to a different account under a general San Diego ACS email. Required to add new people to the email communications list. Can download all of the current contacts and move them to a different account.

**Motion:** Adjourn October 2024 Meeting — **Approved**

Next meeting: November 7, 2024

Meeting adjourned: 8:30 pm

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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

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 over 3000 recipients, 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 [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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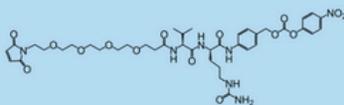
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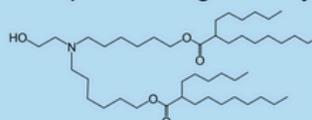
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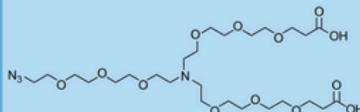
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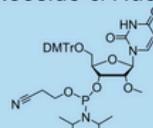
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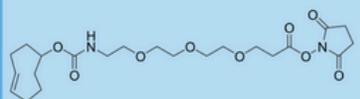
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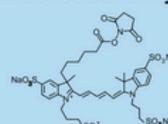
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### ATTENTION COMPANIES!

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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### SAN DIEGO SECTION OF THE AMERICAN CHEMICAL SOCIETY

#### EXECUTIVE COMMITTEE

Chair	Christina Vialva, <a href="mailto:cvalva@sandiegoacs.org">cvalva@sandiegoacs.org</a>	(2024)	951-287-4503
Chair-Elect			
Past Chair	Juan Gonzalez-Gonzalez, <a href="mailto:jpgg@sandiegoacs.org">jpgg@sandiegoacs.org</a>	(2023)	619-813-8520
Secretary	Harshada Sapre, <a href="mailto:hsapre@ucsd.edu">hsapre@ucsd.edu</a>		
Treasurer	Desiree Grubisha, Heron Therapeutics, <a href="mailto:desgrubisha@gmail.com">desgrubisha@gmail.com</a>	(2024)	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	(2027)	973-744-5510
Jackie Trischman, CSUSM	(2025)	858-414-3323
David Wallace, Wallace Scientific Consulting	(2024)	858-638-1866

#### Alternate Councilors

Ben Pratt, Pratt Pharma Consulting LLC	(2025)	858-945-7893
Jim Shih, Eli Lilly & Co	(2024)	626-826-3561
Juan Gonzalez-Gonzalez	(2027)	619-813-8520
Ryan Smith	(2027)	619-744-2220

#### Members-at-Large

Sean Anderson, Application Specialist, 3M	(2024)	661-714-6174
Max Mahler	(2027)	
Bill Szabo	(2025)	858-550-0306

#### 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
Carolina Ibarra (Newsletter Editor & Social Media Manager)	619-618-9240
David Wallace, Wallace Scientific Consulting	858-638-1866

##### Distinguished Scientist Awards Nomination Committee

David Wallace (Chair), Biosplice Therapeutics	858-204-5412
Surya K. De, Conju-Probe	858-337-4961
Hui Cai, WuXi AppTec	858-361-8838
Jim Shih, Eli Lilly & Co	626-826-3561
Peter Iovine, USD	619-260-4028
Jackie Trischman, CSUSM	858-414-3323

##### 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
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##### Law Committee

Ryan C. Smith, Duane Morris LLP	619-744-2220
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## 2024 EXECUTIVE COMMITTEE & COMMITTEE MEMBERS

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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), Biosplice Therapeutics  
Tao Wu (Co-Chair), Kumquat Biosciences

858-945-7893  
858-334-8914  
858-638-1866  
858-922-0428

### Membership Committee

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### Nominations Committee

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### Picnic Committee

Jim Shih, Eli Lilly & Co.

626-826-3561

### Professional Development Committee

Valerie Kuck

973-744-5510

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973-744-5510

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