



## NOVEMBER NOTES

Dear ACS Members,

The Local Section is winding down following an event-filled year.

On Thursday, October 18<sup>th</sup>, we had our Annual Distinguished Scientist Award Banquet. You can read about **Dr. Floyd Romesberg's** lecture, "A Semi-synthetic Organism that Stores and Retrieves Increased Genetic Information", in this issue of our Newsletter. Other awards were presented to **Mary Ann Rall** of Torrey Pines High School, **Tom Beattie** for Outstanding Committee Chair, and **Julann Miller**, the Tony Bottone Award for Continued Outstanding Service.

San Diego's celebration of National Chemistry Week, ChemExpo, will take place on October 27<sup>th</sup> at the San Diego Miramar College, 10440 Black Mountain Road, from 11 am to 3 pm. We hope to see you there.

The last event of the year, the Holiday Party at Sufi Mediterranean Cuisine, will be held on Tuesday, December 4<sup>th</sup>. Please join us. This is always a very good chance to mingle and meet new members and get involved in the Local Section.

RSVP by: Monday, December 3, 2018

<https://sdacs2018holidayparty.eventbrite.com>

If you are unable to register online, please use voice mail:  
1-619-687-5570

Happy Thanksgiving to all!

Renate Valois for Jennifer Barber-Singh, 2018 Chair

San Diego Section of the American Chemical Society

E-mail: [jbsingh@sandiegoacs.org](mailto:jbsingh@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 2018 Chair, **Jennifer Barber-Singh**, at [jbsingh@sandiegoacs.org](mailto:jbsingh@sandiegoacs.org). Once approved, Jennifer 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.

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 23<sup>rd</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 Date 2018**  
**6:00 – 8:00 pm**

**Thursday      November      1**

**Meetings will be held at:**

**9381 Judicial Drive, Suite 160**  
**San Diego, CA 92121**



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 annually for the past 28 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.

### **BE A CHEMISTRY AMBASSADOR!**

**Volunteer Opportunities:** Activities and ideas for getting involved in outreach. Explore to find activities that fit your interests and schedule! For more details, please see: <https://www.acs.org/content/acs/en/volunteer/chemambassadors.html>

### **VOLUNTEER WITH KIDS & CHEMISTRY**

For more details, please see: <http://www.acs.org/content/acs/en/education/outreach/kidschemistry.html>

### **ACS-Hach Programs**

#### **ACS-Hach Professional Development Grant**

Funds professional development experiences for secondary chemistry teachers. Award Amount: Up to \$1,500

**Application Period: ends January 4<sup>th</sup>**

#### **ACS-Hach Land Grant Teacher Scholarship**

Provides financial support to obtain a chemistry undergraduate degree and chemistry teaching credentials at one of our 72 partner institutions. Award Amount: \$10,000 for full-time study

**Application Period: Contact participating universities directly for application details**

#### **ACS-Hach Post-Baccalaureate Teacher Scholarship**

Provides financial support for chemistry graduates with limited work experience to obtain a masters degree in education or teacher certification in chemistry. Award Amount: Up to \$6,000 for full-time study and up to \$3,000 for part-time study

**Application Period: February 1st – April 1st**

#### **ACS-Hach Second Career Teacher Scholarship**

Provides financial support for chemistry professionals to obtain a masters degree in education or teacher certification in chemistry. Award Amount: Up to \$6,000 for full-time study and up to \$3,000 for part-time study

**Application Period: February 1st – April 1st**

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](mailto:hach@acs.org) -- Phone: (800) 227-5558 ext. 8178

### **CHEMISTRY JUDGES NEEDED**

Judging by professional societies at the 65<sup>th</sup> Annual Greater San Diego Science & Engineering Fair will take place on **Wednesday, March 13<sup>th</sup> at 12:15 pm** in Balboa Park. If anyone is able to help choose exhibits for our Section's chemistry awards or wants more information, please contact Ken Poggenburg at [jkp135@att.net](mailto:jkp135@att.net).

### **CALL FOR VOLUNTEERS**

#### **EarthFair 2019**

**Sunday, April 28, 2019**

**Balboa Park • 10am - 5pm**

ACS – San Diego Section 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, April 28, 2019**. We need 3-4 persons for each of the 3-4 hour shifts on April 28<sup>th</sup>. Please support us and share your care for our earth, Chemistry education, and the San Diego ACS!

### **ACS ELECTIONS ARE HERE!**

Voting will be done electronically using your e-mail address on record with the ACS. If you wish to receive a paper ballot instead, please call or email **Jackie Trischman**, Election Coordinator, at **858-414-3323** or [trischma@csusm.edu](mailto:trischma@csusm.edu), by **Friday, November 2<sup>nd</sup>**, 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 e-mail. Please be sure your e-mail address on file with the ACS is current! To update your e-mail address with the ACS, use [www.chemistry.org](http://www.chemistry.org)

**EXECUTIVE BOARD CANDIDATES FOR 2019**  
**ACS SAN DIEGO SECTION**  
**CANDIDATE BACKGROUNDS**

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**CHAIR-ELECT**

**JAMES CALDWELL**

James graduated *summa cum laude* from Northern Illinois University with a bachelor's degree in biology, earned his master's degree in chemistry from San Diego State University, and his Ph.D. degree in chemistry from the University of California San Diego in the joint doctoral program with San Diego State University. He is currently working full time as a research scientist at Accelagen, Inc. where he specializes in protein purification. He also works part time as a postdoctoral researcher specializing in X-ray crystallography at San Diego State University research foundation with Distinguished Professor Sanford Bernstein. James is a 7 year ACS member.

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**SECRETARY**

**WILLIAM TOLLEY**

Bill earned a B.S. and M.S. in Metallurgical Engineering from the University of Utah and a Ph.D. in Inorganic Chemistry from the Brigham Young University. His research focused on the interactions of inorganic compounds with supercritical fluids. This work led to a patent describing novel processing to purify metals using vapor-phase chemistry. He worked for seven years as Production Manager, and then promoted to Director of Quality Assurance at Quantum Group Inc. in San Diego.

In 2008, Bill joined Seacoast Science, Inc., located in Carlsbad, CA, where he currently is Principal Scientist and Production Manager. He led development of the Mini-GC, which was successfully launched in August 2009. His responsibilities include sensor design and testing, and proposal development. In 2007, he chaired the subgroup to write new alarm certification protocols under UL 2035 - Single Station Gas Detectors. Bill is a member of the American Chemical Society, where he is a member of the San Diego Section executive committee and in his fifteenth year as Secretary to the Section. He is a lifetime member of Sigma Xi (The Scientific Research Society). He has authored or co-authored 26 U.S. patents and over 75 journal articles and presentations in chemical sensing, process control and materials production.

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**TREASURER**

**GRAEME FREESTONE**

Graeme received his undergraduate degree in chemistry from The University of Manchester in 2001 and earned a DPhil in 2005 from The University of Oxford for his work investigating the Birch reduction in the labs of Professor Timothy Donohoe. He then moved to San Diego to undertake a three-year postdoctoral position at The Scripps Research Institute with Professor KC Nicolaou, where his work focused on the total synthesis of complex natural products.

Since leaving academia Graeme has worked as a medicinal chemist in the areas of liver and metabolic diseases and cognitive disorders at Metabasis Therapeutics, Helicon Therapeutics, Dart Neuroscience and Ionis Pharmaceuticals (his present position).

He is active in both the San Diego chemical community and the ACS San Diego Local Section serving as Member-at-Large (2011-2014), Chair of the Younger Chemists Committee (2014), Chair of the San Diego Section (2016) and Treasurer (2017, 2018).

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**COUNCILOR**

**TOM BEATTIE**

Tom has served continually as a Councilor in the San Diego ACS Section for the last 15 years and prior (2001-3) was an Alternate Councilor. In 1999, a year for which the section received the ACS National Outstanding Large Section Award, he was Section Chair.

Currently he also is Chair of the ACS National Senior Chemists Committee (SCC, 2015-8), was Vice Chair (2014-5), and was a member since its formation in 2013. Previously he was a member of the National Senior Chemists Task Force (2009-12) and chair of the ACS National Silver Circle (seniors) Working Group (2005-9), progenitors of SCC. From 2004 to 2012 he was a member of the National Local Section Activities Committee and served as chair of its Local Section Assistance and Development Subcommittee.

In the San Diego ACS Section he chairs the annual Distinguished Scientist Award Selection Committee (21 years) and was the creator in 1999 and organizer of the annual San Diego Medchem Symposium (17 years). In 2008 he initiated and continues to manage the section's quarterly seniors/retirees/consultants/part-timers breakfasts.

Since 2001 he has managed the section's educational programs in the elementary schools. Since 2005 the programs have focused on science shows for 4<sup>th</sup>/5<sup>th</sup> graders in which >82,000 school children have viewed >450 Mad Science shows. In 2012 this program received a San Diego Science Alliance award.

Tom was the Program Chair of the San Diego ACS Section-sponsored 1995 ACS Western Regional Meeting (WRM), which still holds the record as the largest ACS regional meeting ever. For the 2007 WRM he was Technical Program Advisor and a session chair.

He received the section's Outstanding Service Award in 1996, 2004 and 2013, the 2015 Outreach Volunteer of the Year, and the 2011 E. Ann Nalley ACS Western Region Service Award. In 2011 he was named an ACS Fellow.

Apart from ACS, Tom spent a 27-year career at the Merck Research Labs in Rahway, NJ as a medicinal chemist in early stage drug discovery. After retiring from Merck in 1993, he came to San Diego and worked at Amylin Pharmaceuticals and IRORI/ChemRx/Discovery Partners. Since 2001 he has been doing biopharmaceutical consulting for many organizations within and outside of San Diego, has taught at UCSD, Mesa College and U. Kansas, and served on several advisory boards. He has a B.S. (U. Pennsylvania), Ph.D. (U. Wisconsin) and was a postdoctoral fellow at M.I.T.

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**COUNCILOR****DESIREE GRUBISHA**

Desiree is currently an adjunct faculty member in the Department of Chemistry and Biochemistry at California State University, San Marcos. She has worked in Lab QA in Commercial Quality Control at AstraZeneca/Amylin Pharmaceuticals supporting diabetes medicines in the worldwide market. Prior to this, she worked at Amylin Pharmaceuticals in Analytical R&D supporting clinical trial programs for diabetes and severe lipodystrophy. Desiree has been an active volunteer with the San Diego ACS Section since 2004. She has been involved with ChemExpo, YCC and WCC activities, planning committee for the 41<sup>st</sup> Western Regional Meeting in 2007, and has served on the Public Relations committee. She is currently serving the San Diego Section in the Communications Committee and as a Councilor. Desiree earned a PhD in inorganic chemistry from the University of Wisconsin, Milwaukee, and did postdoctoral research toward novel detection platforms for molecular diagnostics in the Microanalytical Instrumentation Center at Iowa State University.

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**COUNCILOR****DAVID WALLACE**

David is an experienced medicinal chemist and registered patent agent with over 25 years' experience in the pharmaceutical industry. He is currently associate director of intellectual property at Samumed, LLC., a clinical stage drug discovery company focusing on oncology, regenerative medicine and degenerative diseases. He is also founder and president of Wallace Scientific Consulting. WSC provides services to early and clinical stage biotech companies, providing prior art/FTO searches and patent application drafting as well as synthetic and medicinal chemistry expertise in the area of small molecule drug discovery. David was also a Scientific Advisory board member and co-founder of Amalyte, Inc., a Bay area biotech company focusing on the treatment of immune and inflammatory diseases. Amalyte was acquired by Kemin Pharma in 2009. He was previously Principal Scientist at Senomyx, Inc., where he served as chemistry group leader of a team focused on the discovery of agonists to G-protein coupled taste receptors. Prior to Senomyx, David held senior scientific and leadership positions at Chugai Pharma, USA, where he contributed to several multidisciplinary research programs directed toward discovery of novel therapies for cancer, cardiovascular, inflammatory, and metabolic diseases. He is an inventor or co-inventor on numerous issued or pending patents. David holds a Ph.D. in Organic Chemistry from the University of California, Davis. He has been a member of the ACS for 32 years and is currently a councilor of the San Diego Section and member of the ACS National Committee on Economic and Professional Affairs (CEPA). David is also chair of the chemistry committee for the Sino-American Biotechnology and Pharmaceutical Professional Association (SABPA) in San Diego.

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**MEMBER-AT-LARGE****Write-in****MEMBER-AT-LARGE****Write-in**

**Vote**

**by**

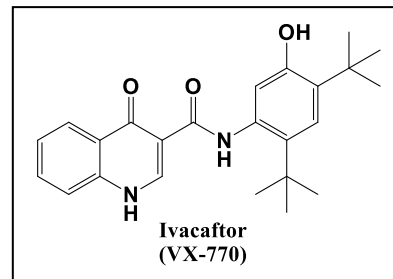
**November 25<sup>th</sup>**



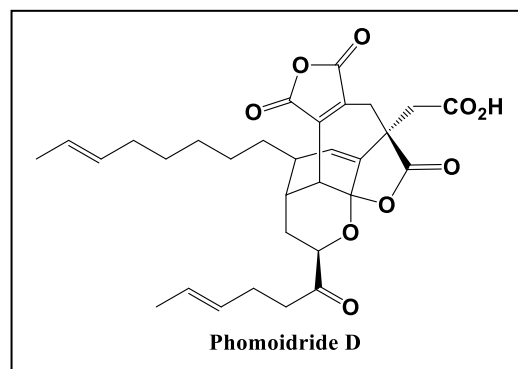
## 7<sup>th</sup> SABPA/ACS Chemistry Symposium

Thursday, September 6, 2018 marked the 7<sup>th</sup> SABPA/ACS Chemistry Symposium. The event was held at Lilly Biotechnology Center with more than 130 people attending to hear talks given by **Dr. Jinglan Zhou**, Research Fellow I, Vertex Pharmaceuticals and **Professor John L. Wood**, of Baylor University. The symposium was very well received and the audience asked many great questions of both speakers both during and after the symposium. The organizing committee would like to thank **ChemBridge** and **Pfizer**, for their generous sponsorships.

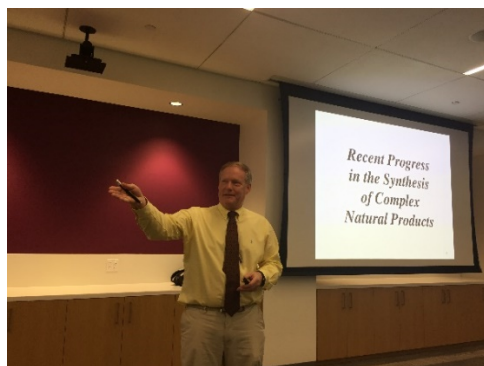
In her presentation titled “*Discovery of Ivacaftor, a CFTR Potentiator for the Treatment of Cystic Fibrosis*”, Dr. Zhou talked about the discovery of a novel CFTR potentiator, quinolinone-3-carboxamide, using HTS in NIH-3T3 cells expressing the F508del-CFTR mutation. She then described the medicinal chemistry work used to evaluate the potency, selectivity, and pharmacokinetic properties which resulted in the identification VX-770 which was approved by the FDA in 2012 for the treatment of CF patients 6 years of age and older carrying the G551D mutation (4–5% cases of cystic fibrosis patients).



**Professor John L. Wood's** talk was titled “*Recent Efforts in the Synthesis of Complex Natural Products*”. Professor Wood started the lecture by reminding us that synthetic chemistry is not just a means to an end product but a process of successes and failures that lead to far more enlightenment than just the synthesis of a final compound. From there, he led us on the 22-year journey of discovery through multiple students to the final synthesis of Phomoidride D. Dr. Wood's talk was both entertaining and enlightening, giving the audience insight into many aspects of synthesis including the role of trialkylborane-water complexes in reduction reactions such as deoxygenation of xanthates.



Dr. Jinglan Zhou, Research Fellow I, Vertex Pharmaceuticals



Professor John L. Wood, Baylor University



The attendance listening intently during Dr. Zhou's presentation



Dr. Scott Sutton (Co-Chair), Dr. Zhou, Dr. David Wallace (Co-Chair), Professor Wood, and Dr. Yahu Liu (Co-Chair)

#### **FOURTH ACS - WEST COAST ANALYTICAL CHEMISTRY SYMPOSIUM**

The 4<sup>th</sup> Annual West Coast Analytical Chemistry Symposium (WACS) was held on September 19<sup>th</sup> at Knobbe Martens in San Diego. The event was well-attended by over 70 local scientists. Speakers from industry and academia presented on a diverse range of topics including the use of automated thermogravimetric analysis to obtain valuable data to minimize the consumption of sample and reduce the dependence on other techniques, such as HPLC (**Scott Stirn**, Neurocrine Biosciences). **Bill Tolley** of Seacoast Scientific introduced a potential new approach to distinguish cyanide exposure as a result of smoke inhalation. **Professor Erica Forsberg** of SDSU presented on the latest efforts to categorize the correlation of the gut microbiome to brain activity by LC-MS. **Professor Mohit Jain**, UCSD, also discussed the use of LC/MS for the tracking of non-endogenous small molecule and their effects on disease states. **Muhammad Alimuddin**, Pfizer, highlighted his work on the development of a walk-up reaction monitoring system based on modifications to a standard HPLC/MS system. **Professor Chris Harrison** of SDSU concluded the event by presenting data on utilizing capillary electrophoresis as a potential on-site tool for near real-time determination of the doping status of athletes.

The WACS events depend entirely on the sponsorship of vendors and suppliers, and we would like to thank this year's sponsors: Waters, Agilent, Shimadzu, Bruker, Phenomenex, Thomson Instruments, Mott Corporation, Virscidian, and Regis Technologies.



Dr. Christopher Harrison (UCSD)



Nader Ari, Michael Greig (Bruker) and Julann Miller (Waters)





## 2018 DISTINGUISHED SCIENTIST AWARD BANQUET

The San Diego ACS Section annual awards dinner was held on Thursday evening, October 18, at the UCSD Faculty Club. Section Chair **Jennifer Barber-Singh** presented the Outstanding Chemical Educator Award to **Mary Ann Rall** of Torrey Pines High School, the Outstanding Committee Chair Award to **Tom Beattie**, and the Tony Bottone Award for Continued Outstanding Service to **Julann Miller**.

Highlight of the evening was the presentation of the 2018 San Diego ACS Section Distinguished Scientist Award to **Professor Floyd Romesberg** of the Department of Chemistry of the Scripps Research Institute. His award address "A Semi-synthetic Organism that Stores and Retrieves Increased Genetic Information" described his recent work to increase the information capacity of DNA by developing a third base pair for eventual application *in vivo* in an unnatural organism that can build proteins with unnatural amino acids.



Jennifer Barber-Singh presenting



Award to Mary Ann Rall



Award to Tom Beattie



Award to Julann Miller



Tom Beattie introducing...



... distinguished scientist Floyd Romesberg





**SUMMARY OF THE SAN DIEGO SECTION  
EXECUTIVE COMMITTEE MEETING MINUTES  
October 4, 2018**

Treasurer's Report – Since last meeting: income \$1250 for West Coast Analytical Symposium, \$5K for Project SEED, \$500 for SABPA Symposium, \$80 in Newsletter ads, total of \$6330 income: local section dues and councilor travel reimbursements expected soon, (Valerie Kuck's paperwork justifiably delayed) expenses: \$400 for picnic, \$2179 for SABPA (income more than covered expenses, excess split with SABPA), \$2800 for Analytical Symposium, total expenses of \$16,400

Nominations –James Caldwell volunteered to run for chair-elect

Snail-mail yearly to contact members – Cost for printing and mailing an annual bulletin to Section members estimated to be ~\$1500, and no way of knowing how effective

Awards Banquet – Sent announcement to local universities; 5 registrants currently

Mad Science – Packet of responses from one of the recent programs now available

ChemExpo – Fewer booths than last year, currently but looking for more volunteers

Year-End Wrap-Up –Will make reservation for 60 persons, Dec. 4, at Sufi Mediterranean Cuisine

Next meeting: Nov. 1

**Save On Shipping with FedEx®**



Whether you ship packages every day or only occasionally, the [ACS Member Shipping Program](#) helps you save on shipping for every FedEx shipment you send and receive. Managed by [PartnerShip](#), this free program gives U.S.-based ACS members significant savings on their shipping needs, From small packages up to large freight. There are no minimum usage requirements or obligations, just [great savings](#) included with your ACS membership!

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ACS Members based in the U.S. can save 10% off the everyday web price on more than 30,000 office supplies available through the [ACS Office Depot Partner Program](#). From pens to printing, for home, school, work, and anything in between, you'll find everything you need at Office Depot to keep yourself well supplied and running efficiently.

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Once you're registered, you can shop in store or online. [Sign up today](#) and start saving!

**Providing a Common Ground for Teachers and Students: Division of Chemical Education (CHED)**



As more schools in the U.S. focus on STEM education, the teaching of chemistry applications is becoming more important. This is where the [ACS Division of Chemical Education \(CHED\)](#) comes into play. Chemistry is vital to our way of life especially as technology inundates our environment. The need for qualified teachers is growing, and CHED is stepping up to ensure that the need is met. [View our new video](#) and see what we are doing.

**ANNOUNCING MORE FREE ONLINE CAREER WORKSHOPS**



Due to high demand, ACS Career Services is now offering complimentary Career Pathways Virtual Classrooms, where you'll learn live from skilled experts, helping you achieve your career goals and get the boost you need to succeed.

Register for:

[Working in Industry—Identifying Roles in Value Chain](#) (October 31),

[Writing Excellent Proposals](#) (November 14), and

[Setting Yourself Up for Success in an Interview](#) (December 19).

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## 2018 ACS REGIONAL MEETINGS

**Southwest (SWRM)** November 7 – 10 Little Rock, AR

## 2019 ACS REGIONAL MEETINGS

Great Lakes (GLRM)	May 1 - 4	Lisle, IL
Middle Atlantic (MARM)	May 30 - June 1	UMBC, Baltimore
Central (CERM)	June 4 - 7	Midland, MI
Northwest (NORM)	June 16 - 19	Portland, OR
Northeast (NERM)	June 22 - 27	Saratoga Springs, NY
Midwest (MWRM)	October 16 - 18	Wichita, KS
Southeastern (SERMACS)	October 20 - 23	Savannah, GA
Southwest (SWRM)/RMRM	November 13 - 16	El Paso, TX



## LOOKING FOR A CHEMIST?

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is read by nearly 3000 chemists and biochemists in San Diego and Imperial Counties.

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

## 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 please see:**  
<https://www.acs.org/content/acs/en/acs-webinars.html>

## 2018 DRUG DESIGN AND DELIVERY SYMPOSIUM

Nov 29

**Human Exosomes: An Ideal Vehicle for Delivery of Therapeutic RNAs to Cells and Organs**

For information please see: <https://www.acs.org/content/acs/en/acs-webinars/collections/2018-drug-design.html>

## 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

### San Diego Miramar College

Linda Woods  
[lwoods@sdccd.edu](mailto:lwoods@sdccd.edu)  
(619) 388-7750

### 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

### Southwestern College, Chula Vista

David Hecht  
[dhecht@swccd.edu](mailto:dhecht@swccd.edu)  
619-421-6700x5461

### 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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**THE SAN DIEGO CHEMIST**

For information contact:

**Renate Valois** - [renate@sandiegoacs.org](mailto:renate@sandiegoacs.org)

## **UPCOMING EVENTS**

**HOLIDAY PARTY**  
**Sufi Mediterranean Cuisine**  
**5915 Balboa Avenue, San Diego, CA 92111**  
**Tuesday, December 4, 2018**

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**SENIORS/RETIREEES/CONSULTANTS/ETC. BREAKFAST**  
**Bristol Farms Café - Costa Verde Shopping Center -**  
**Genesee Avenue and Nobel Drive, University City**  
**Tuesday, January 15, 2019, at 9:30 AM**

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**THE CLAUDE "BUD" LEWIS CARLSBAD DESALINATION PLANT**  
**4600 Carlsbad Blvd, Carlsbad, CA 92008**  
**Monday, January 21, 2019**

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**SAN DIEGO FESTIVAL OF SCIENCE & ENGINEERING**  
**EXPO DAY at PETCO Park**  
**Saturday, March 2, 2019**  
**<https://www.lovestemsd.org/>**

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**THE 65th ANNUAL GREATER SAN DIEGO SCIENCE AND ENGINEERING FAIR**  
**Balboa Park Activity Center (2145 Park Blvd.)**  
**For information please see <http://www.qsdsef.org/>**  
**March 12 - 17, 2019**

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**257th ACS NATIONAL MEETING & EXPOSITION**  
**Orlando, Florida**  
**March 31-April 4, 2019**

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**EARTH DAY - EARTHFAIR 2015**  
**Balboa Park, San Diego, CA**  
**<http://www.earthdayweb.org/>**  
**Sunday, April 28, 2019**

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**258th ACS NATIONAL MEETING & EXPOSITION**  
**San Diego, California**  
**August 25-29, 2019**

## **THE SAN DIEGO SECTION OF THE AMERICAN CHEMICAL SOCIETY WELCOMES ITS NEW MEMBERS**

Surl-Hee Ahn  
Ramy Alrayies  
Sara Dao  
Sara Fink  
Christian Haffner  
Christian Haney  
Maximillian Jacob  
Anne Kapral  
Pamela Mark-Savage  
Olga Odeesh  
Maximilian Palkowitz  
Sue Pierce

Thomas Porter  
Kartik Lakshmi Rallapalli  
Nichole Richez  
Arianna Ruiz  
Ryan Sindewald  
Maria Vidaca  
Citlayi Villasenor  
Dalida Warda  
Roger Wynn  
Sabrina Younan  
Yangyang Zhao

**2018 EXECUTIVE COMMITTEE & COMMITTEE MEMBERS  
SAN DIEGO SECTION OF THE AMERICAN CHEMICAL SOCIETY**

**EXECUTIVE COMMITTEE**

<i>Chair</i>	Jennifer Barber-Singh, BioFluidica, <a href="mailto:jbsingh@sandiegoacs.org">jbsingh@sandiegoacs.org</a>	(2018)	858-869-7084
<i>Chair-Elect</i>	Ashkan Tafti, Arena Pharmaceuticals, Inc., <a href="mailto:atafti@sandiegoacs.org">atafti@sandiegoacs.org</a>	(2018)	619-395-6412
<i>Past-Chair</i>	Jonathan Lockner, <a href="mailto:jlockner@sandiegoacs.org">jlockner@sandiegoacs.org</a>	(2018)	858-688-8143
<i>Secretary</i>	William Tolley, Seacoast Science, Inc., <a href="mailto:b_tolley@juno.com">b_tolley@juno.com</a>	(2018)	858-780-0978
<i>Treasurer</i>	Graeme Freestone, Ionis Pharmaceuticals, Inc., <a href="mailto:gfreestone@sandiegoacs.org">gfreestone@sandiegoacs.org</a>	(2018)	858-539-6363

*Councilors*

Thomas R. Beattie	(2018)	858-587-1210
Hui Cai, WuXi AppTec	(2019)	858-361-8838
Desiree Grubisha, Halozyme Therapeutics	(2018)	858-254-5497
Valerie Kuck	(2020)	973-744-5510
Ken Poggenburg	(2019)	760-635-2573
David Wallace, Wallace Scientific Consulting	(2018)	858-638-1866

*Alternate Councilors*

Surya K. De, Plex Pharmaceuticals, Inc.	(2019)	858-337-4961
Julann Miller, Waters Corporation	(2020)	800-252-4752 x6802
Ben Pratt, Pratt Pharma Consulting LLC	(2019)	858-945-7893
John Schindler, Mayer-Spissak Engineering Sciences	(2019)	858-353-3943
Jim Shih, Eli Lilly & Co	(2020)	626-826-3561
Shannon Woodruff, HP Inc.	(2020)	949-735-9021

*Members-at-Large*

Paul Bruinsma, HP Inc.	(2020)	858-655-8322
James Caldwell, Accelagen, Inc.	(2019)	815-262-9697
James O'Brien	(2020)	858-336-0654
Bill Szabo	(2019)	858-550-0306
Joann Um, Southwestern College	(2019)	510-823-8637

**STANDING & SPECIAL COMMITTEES**

*Awards Nomination Committee*

Valerie Kuck (Co-Chair)	973-744-5510
John Schindler (Co-Chair)	858-353-3943

*ChemExpo*

Julann Miller (Chair), Waters Corporation	800-252-4752 x6802
Paul Bruinsma, HP Inc.	858-655-8322

*Communications Committee*

Paul Bruinsma, (Chair), HP Inc.	858-655-8322
Surya K. De, Plex Pharmaceuticals, Inc.	858-337-4961
Desiree Grubisha, Halozyme Therapeutics	858-254-5497
Ken Poggenburg	760-635-2573
Renate Valois (Newsletter Editor)	619-692-0638
David Wallace, Wallace Scientific Consulting	858-638-1866

*Distinguished Scientist Awards Nomination Committee*

Thomas R. Beattie (Chair)	858-587-1210
Tammy Dwyer USD	619-260-4030
Barbara Sawrey	858-729-0689
David Wallace, Wallace Scientific Consulting	858-204-5412

*Education Committee*

Joann Um, (Chair) Southwestern College	510-823-8637
Valerie Kuck	973-744-5510
Joan Schellinger, USD	619-260-7960

*EarthFair*

James Caldwell, Accelagen, Inc.	815-262-9697
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*Finance Committee*

Bill Szabo (Chair)	858-550-0306
Tom Beattie	858-587-1210
John Schindler	858-353-3943

*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*

Thomas R. Beattie	858-587-1210
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*MedChem Symposium*

Ben Pratt (Co-Chair), Pratt Pharma Consulting LLC	858-945-7893
Mark Tichenor (Co-Chair), Janssen Pharmaceuticals, Inc.	858-334-8914
David Wallace (Co-Chair), Wallace Scientific Consulting	858-638-1866

*Membership Committee*

**OPEN**

*Nominations Committee*

**OPEN**

*Picnic Committee*

Jim Shih, Eli Lilly & Co.	626-826-3561
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*Professional Development Committee*

Valerie Kuck	973-744-5510
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*Public Relations Committee*

John Schindler	858-353-3943
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*Senior Chemists Committee*

Ken Poggenburg (Chair)	760-635-2573
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*Seniors Breakfasts*

Thomas R. Beattie	858-587-1210
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*Women Chemists Committee*

Valerie Kuck	973-744-5510
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*Younger Chemists Committee*

Bryce Timm	512-545-9287
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*Voice Mail – San Diego Section*

619-687-5570