Family Picnic
Free Food & Fun for Families, Friends & Fido!

DATE: Sunday, June 26, 2016

WHERE: San Dieguito County Park, Solana Beach, at Lomas Santa Fe Drive and El Camino Real. Lomas Santa Fe exit off of I-5, one mile east to Highland Drive park entrance. Left onto Highland, immediate right into the park. Pay parking fee ($3.00/car, free for seniors). At booth, proceed to Area #3 Parking. Note: the San Diego County Fair will cause heavy traffic on I-5 near the Lomas Santa Fe exit. Please allow extra driving time!

TIME: 11:30 AM – 4:00 PM (food served from approx. noon to 3 PM)

WHO: Youngsters, seniors, in-betweensters, guys, gals, chemists, recovering chemists, guests and other friends of the ACS!

WHAT: BBQ, cold drinks, games and prizes for children of all ages. Please bring a homemade dessert to enter the Best Dessert Contest. Prizes will be awarded! If you bring a cold dessert, bring a cooler. Guests with special dietary needs should provide for them.

RSVP: As soon as possible but no later than Wednesday, June 22nd, by registering at http://sdacs2016picnic.eventbrite.com/. Please tell us how many adults and how many children (with their ages) will be in your party.

- **Younger Chemists:** Schmooze and network! Invite your friends! Make it WORK for you!

- **Women Chemists:** Meet and greet! Make this event a "Meeting Within a Meeting"! Share your ideas!

Volunteers Needed for Morning Setup!

Please contact Jim Shih to sign up: tel. 626-826-3561 e-mail: jimshih@earthlink.net
Dear ACS - San Diego Section Members,

As we speed towards summer, I look back at the first half of this year and consider it a great success. A diverse range of events have been hosted so far (monthly meetings, community outreach, educational workshops and more) covering a wide range of topics. We have seen a lot of new faces and great participation from our over 2,500 San Diego Section members and my desire is to keep this trend going!

For more information on our events calendar please see the rest of the current newsletter and check online at http://www.sandiegoacs.org. Upcoming events include the following and many more:

- Get the family excited for the ACS Annual Family Picnic on Sunday, June 26th. Delicious food, drinks, desserts, bounce house and other games will be provided at San Dieguito County Park in Solana Beach. This is a very fun event for young and old! Come and enjoy a beautiful day at the park with your fellow San Diego scientists. Thank you Jim Shih for planning this fun event!
  Please register at http://sdacs2016picnic.eventbrite.com/

- On Tuesday, July 12th, we will be hosting our annual 50- and 60-year members luncheon at Tom Ham's Lighthouse Restaurant. During this special lunch buffet we will present our new 50- and 60-year members with a commemorative certificate and an opportunity to share any experiences or reflections from their careers in chemistry.

- The 19th Annual Medicinal Chemistry Symposium will be taking place on Friday, July 15th, at the Price Center Theater at UCSD. Co-organizers of this event, Mark Tichenor and David Wallace, have put together a tremendous lineup of high profile industry and academic speakers.

The next Executive Committee Meeting will be held on Thursday, June 2nd. Every Executive Committee Meeting has a culinary theme, featuring a different tasty treat or beverage. If you would like to become more involved in the San Diego ACS or have an idea for an event, please join us.

Cheers,

Graeme Freestone
2016 Chair
American Chemical Society – San Diego Section
E-mail: gfreestone@sandiegoacs.org
Web: www.sandiegoacs.org

FREE EVENT ANNOUNCEMENTS FOR 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 2016 Chair, Graeme Freestone, at gfreestone@sandiegoacs.org. Once approved, Graeme will see that your announcement is published on our website (www.sandiegoacs.org) and, if received by the 23rd 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 23rd of each month will be published by the end of that month.

For more information, please contact:
Renate Valois, renate@sandiegoacs.org,
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 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.

**SHARE SCIENCE AS A CHEMISTRY AMBASSADOR**

Kids & Chemistry is a community-based program that brings together scientists and children to do hands-on science activities. Volunteers include ACS members, ACS Student Chapters, and corporate groups. Volunteer efforts can be implemented as a full program administered by an ACS local section or by an individual as a one-time classroom visit. For more information please see: http://www.acs.org/content/acs/en/education/outreach/kidschemistry.html

**IT IS NOT TOO EARLY----

---- TO THINK ABOUT THE

ANNUAL SAN DIEGO ACS LOCAL SECTION ELECTIONS 2015

Nominations for Section offices are now in order. Per our Bylaws, the current Chair-Elect will assume the Chair, but other positions are open for election, including

- Chair-Elect
- Secretary
- Treasurer
- 2 Councilors
- 3 Alternate Councilors
- 3 Members-at-Large

Councilors, Alternate Councilors, and Members-at-Large serve for three years, and all incumbents may succeed themselves. We encourage the active participation of our members! If you have an interest in becoming involved in the ACS-San Diego Section and want to make a self-nomination as a candidate for an elected position, please contact: Jim Shih at jimshih@earthlink.net

Send your bios to Jim Shih at jimshih@earthlink.net and Renate Valois at renae@sandiegoacs.org

**ORGANIZERS NEEDED!**

The San Diego Section of the American Chemical Society is looking for volunteers to organize an **ACS Western Regional Meeting**. Exact dates are flexible and yet to be determined, but it will be held between 2018 and 2020. We are currently looking to fill the positions of General Meeting Chair and Program Chair(s). If you are organized, work well with others, and want to expand your professional network to a national scale, you may be a great fit for either of these positions. The **General Meeting Chair** will be responsible for overseeing the planning of the meeting venue and logistics while the **Program Chair(s)** will fill events and speaker lists. Location, duration and desired attendance are based on the vision of the organizers. If you have an idea for a large meeting held here in San Diego, this is your way to make it happen.

For more information please contact: Graeme Freestone, 2016 Chair
San Diego Section of the American Chemical Society
afreestone@sandiegoacs.org

**HELP INSPIRE LOCAL HIGH SCHOOL STUDENTS TO PURSUE A CAREER IN CHEMISTRY!**

Do you enjoy talking about how much you love chemistry? Would you like to help local high school students understand how they can have a successful career in science? High Tech High Chula Vista’s 10th grade chemistry teachers, Kaitlin Douglass and Dalya Almansour, are looking for professionals who utilize chemistry in their careers to speak to our students about possible career paths that they might take. HTHCV is a project-based learning school that is part of the large High Tech High charter school system in San Diego. Many of our students will be first generation college students and will be minorities within the science and engineering workplaces. We want to show them how exciting and rewarding careers in science can be, and engage them early on in discussions about their future career plans. We would only need a time commitment of approximately one hour. It would be great to hear about your education history, why you chose to pursue a career involving chemistry, the rewards and challenges of your career path, and why students should consider your career in the future.

Please contact us at kdouglass@hightechhigh.org or damansour@hightechhigh.org if you are interested in helping us!

**CONSIDER SPONSORSHIP OF THE ACS SAN DIEGO SECTION**

The San Diego Section of the ACS is looking for organizations that are committed to advancing science and education in the greater San Diego area by providing financial support. There are several ways to get involved, and each one comes with its own benefits and privileges. **For further information please contact Jonathan Lockner, Interim Chair, Fundraising Committee, at jlockner@sandiegoacs.org**
MAKING SCIENCE VISIBLE AND ACCESSIBLE: USING EXTERNAL REPRESENTATIONS TO LEVERAGE THE THREE DIMENSIONS OF THE NEXT GENERATION SCIENCE STANDARDS

Saturday, May 14, 2016

Dr. Stacey Brydges and Dr. Thomas Bussey of UCSD facilitated an interactive workshop on "Making Science Visible and Accessible." Participants included instructors from all over San Diego County, including Chula Vista High School, Eastlake High School, Garfield High School, Olympian High School, Otay Ranch High School, San Diego Miramar College, Southwestern College, UCSD, and West Hills High School.

The workshop consisted of small and large group discussions as well as hands-on experiments pertaining to water: models of water, hydrogen peroxide decomposition, electrolytes, and gas laws. Workshop participants considered how applying the "five dimensions of chemistry" when teaching fosters accurate student understanding of chemical principles.

Through the ACS Bridging the Gap Nano-Grant: Supporting K-12 Teachers of Chemistry award, ACS membership prizes were awarded to two attendees: Genevive Bjorn and Ben Fabian.

A special thank you to Dr. Brydges, Dr. Bussey, and UCSD for hosting this productive event.

Text: Joann Um
Photo credits: Joann Um
The Green Chemistry Group and the San Diego Section of the American Chemical Society hosted their first West Coast event, which focused specifically on current techniques, equipment, columns and philosophies using Supercritical Fluid Chromatography (SFC).

The gathering of the leading manufacturers of SFC equipment, columns and services coupled with many of the leading separation scientists proved to be an exciting affair. The capacity attendance of over 100 scientists from all over the country descended upon the stunning campus of Dart NeuroScience for a day with included lectures by chromatography experts who shared case studies and new developments, exhibits of cutting-edge technology, vendor workshops providing training, and a social gathering.

The day started with an opportunity to network and meet everyone over breakfast, followed by a morning session including the keynote presentation by Dr. David Pinkston (Kellogg Company) and an introduction to the research of Dart NeuroScience by CSO and Founder Dr. Tim Tully. This led into a full day of talks on all aspects of Supercritical Fluid Chromatography, keeping the audience enthralled until the very last talk.

We thank all of our sponsors and exhibitors for their participation and making the day possible: Agilent, Averica, Chiral Technologies, JASCO, Nacalai USA, Phenomenex, Pic Solution, Regis Technologies, Sepiatec, Shimadzu, Waters and Zinsser NA.
This year, the ACS-Student Affiliates Chapter at UCSD hosted a series of chemistry demos for kids of all ages at EarthFair 2016 on April 17th. In celebration of Earth Day, UCSD student volunteers organized a few demos illustrating the use of green chemistry in daily life as part of an outreach event. Children and attendees watched environmentally friendly packing peanuts degrade before their eyes, and also investigated bleach-containing detergents. While the Student Affiliates of UCSD typically provide chemistry programming and events to UCSD students, the Student Affiliates group has plans to organize more community events in the future.

For more information in getting involved with the Student Affiliates at UCSD, please contact Quang Nguyen at http://acssa.ucsd.edu/.
The **ACS West Coast Analytical Chemistry Forum** is a discussion group formed by San Diego analytical chemists in partnership with the San Diego Section of the American Chemical Society to provide a scientific forum for open discussion of current and future trends in analytical chemistry, opportunities to present current research, and interacting with like-minded scientists within the San Diego community.

**When:** Tuesday September 20, 2016, from 9:00 a.m. – 5:00 p.m.

**Location:** Dart NeuroScience, 12278 Scripps Summit Drive, San Diego, CA 92131

**Cost:** Free!

**Symposium format:**

Nine 20-minute talks (with a few minutes for questions) are divided into 3 sections with a coffee/snack break and lunch in-between. It is followed by a poster and networking social hour. Posters displayed will cover topics in the area of analytical chemistry.

**Potential topics include:**

Analytical chemistry applications

Advances in SFC

Advances in HPLC and/or Mass Spectrometry.

**Registration:** [www.acs-wcacs2016.eventbrite.com](http://www.acs-wcacs2016.eventbrite.com)

Hope to see you at this event!

Questions? Contact Graeme Freestone at gfreestone@sandiegoacs.org
Sino-American Biotechnology & Pharmaceutical Professional Association
and Elsevier

2016 San Diego Bio-Pharma Conference

When: June 11th, 2016, 8:00am-5:00pm
Where: Hilton, San Diego/Del Mar
Registration: https://www.123signup.com/register?id=prpbs
Co-organizer: Elsevier

As one of the nation's premier innovation centers, San Diego biotech beach in recent years has witnessed mega-deals of mergers and acquisitions, highly successful IPOs, the groundbreakings of multiple state-of-the-art research institutes, and many recent regulatory approvals of new drugs. All these achievements have been driven by many of the forward-thinking leaders of our scientific community with great visions and strong determinations to help tackle the most daunting challenges of our time, and to translate scientific discoveries into clinical practice. Come to meet some of these visionary leaders at our upcoming SABPA Bio-Pharma Conference, and to network with your peers. Topics include the cutting-edge research on Immuno-Oncology, combining disruptive technologies with creative business models, and strategies to succeed in the ever-changing global market. This is one of the biggest San Diego biotech events that you don't want to miss.

Program

Morning session Current trends in bio-pharmaceutical sciences

Session chair: Yi Liu, Ph.D. CSO Kura Oncology
8:00 am Exhibition (all day)
8:00 am Breakfast & Registration
8:30 am Welcome by Drs. Yahu Liu and Yi Liu
8:45 am 2016 San Diego Bio-Pharma Achievement Award
Faheem Hasnain, President and CEO, Receptos
The Receptos Story
9:45 am Gerald F. Joyce, M.D., Ph.D. Institute Director, Genomics Institute of the Novartis Research Foundation
Devising the New Arts of Drug Discovery at GNF
10:15 am Coffee Break and networking
10:45 am Mike Grey, CEO, Amplyx Pharmaceuticals, Inc.; Venture Partner, Pappas Ventures
One Person’s Trash is Another Person’s Treasure
11:15 am Jonathan Lim, M.D. CEO and Chairman, Igynta Inc.
The Power of Precision Medicine
11:45 am Xia Lin, Vice President Zhongshan Health Technology Park Development LTD (ZHTP)
Making Big Impacts by Stepping on Zhongshan to Start your Investment Journey of China’s Health Industry
12:05 pm Luncheon and networking

Afternoon session

Session chairs: JC Xu, M.D., Ph.D. Director of Biology, Quantice Pharmaceuticals
Guang Chen, M.D., Ph.D. Janssen Fellow, Scientific Director, Translational Research and Behavioral Pharmacology, J&J
1:40 pm Beats headphone raffle
1:45 pm Jay Lichter, Ph.D. Managing Director, Avalon Ventures
Title pending
2:15 pm Mitchell Kronenberg, Ph.D. President & Chief Scientific Officer La Jolla Institute for Allergy and Inflammation
Altering the immune response: An elixir for the 21st century?
2:45 pm Yangzhou Wang, Ph.D. VP International Sales & BD WuXi AppTec
Manifest Destiny – A New Frontier through the Lenses of Wuxi
3:15 pm Coffee break and networking
3:45 pm Panel discussion on Technology Transfer and Academia-Industry Collaboration
Moderator: Shuhag Ghosh Head of Global Product Marketing, Elsevier
Panelist: Anders Brunmark, Ph.D. Director, External Innovation, Discovery Sciences, Janssen R & D, LLC, JNJ
Peter Worland Ph.D. Head of external research, Celgene
Paul Roben, Ph.D. Associate Vice Chancellor, Innovation & Technology Commercialization, UC San Diego
Richard Glynn, Ph.D. Executive Director, Strategic Alliances at Novartis Institutes for BioMedical Research
4:45 pm Joon-Woon Chong, VP Investment Promotion, Sembcorp Development, Sino-Singapore (Chengdu) Innovation Park Development Co., Ltd.
5:00 pm Closing remarks and raffle of Beats headphone by Dr. Stephanie Shi

Pacific Bio-Partnering 2016 (All day)

One-on-one meeting with biotechnology, pharmaceutical, and investment companies from San Diego and Asia to explore potential partnerships and collaborations. Register at https://www.123signup.com/register?id=prpbs.
CONGRATULATIONS ZILU PAN!

Zilu Pan, a student from Canyon Crest Academy, has performed in the top 20 on the recent National Chemistry Olympiad exam and has been invited to the Chemistry Olympiad Study Camp, May 31-June 15, 2016, at the University of Mary Washington in Fredericksburg, VA. Zilu will compete for a spot on the team representing the United States at the 48th International Chemistry Olympiad in Tbilisi, Georgia, July 23-August 1, 2016. His chemistry teacher is Kaveh Shakeri.

Congratulations also to students who received High Honors and Honors:

High Honors: David Wu, Westview High School
Honors: Vishnu Doppalapudi, Torrey Pines High School
Allen Huang, Canyon Crest Academy
Kevin Ren, Torrey Pines High School
Jessica Tian, Del Norte High School
Kevin Yu, Westview High School

The Chemistry Olympiad exams were administered by Professor Joan Schellinger, University of San Diego, Department of Chemistry and Biochemistry.

PRESENTATION OF LEARNING
THURSDAY, JUNE 2, 2016
e3 Civic High · 395 11th Avenue 6th floor · San Diego, CA 92101
8:35 a.m. - 8:50 a.m. Orientation
9:00 a.m. – 11:10 a.m. Presentations

If any of your colleagues or friends are interested in serving on a panel, please feel free to forward this e-mail or include their names with your response and we will be happy to contact them. Should you have any questions, please call Melissa A. Woods at 619.546-0000 ext. 2714 or option 8 or e-mail mwoods@e3civichigh.com

Thank you for your willingness to make a difference in the lives of our students.

SUMMARY OF THE SAN DIEGO SECTION EXECUTIVE COMMITTEE MEETING MINUTES MAY 3, 2016

Treasurer's Report – Since last meeting: received annual allotment of $19K and sponsorships amounting to $3500; total receipts YTD $34,000; expenses: $400 for councilor travel to the National Meeting (2 councilors did not submit reimbursement requests), $740 for the Section booth at the National Meeting (National should reimburse plus $500 as host): $2,500 to USD for ACS Project SEED; Summary: $22,800 surplus YTD; receivables of $9,500; $51 as interest on CD; total financial assets $350K; taxes due 5/15, $350 for tax preparation.

Greater San Diego Science and Engineering Fair – Received two thank-you notes from awardees at Greater SD Science & Engineering Fair.

Demographics Report – The Section received 77 new members in March, 205 YTD.

Education – Lauri Simerson, Lakeside Middle School 8th Grade teacher, asking for presenters to speak to four classes May 27, 9 – 11 a.m.

August Monthly Seminar – Nothing planned at this point.

Academics to Industry Seminar – Presented at UCSB, 40 students attended and stayed all day, and included networking Happy Hour following presentations; event was highly productive.

Senior Chemists Breakfast – Held at Denny’s in Kearny Mesa, 11 attended, plan to return June 30.

Mad Science – 18 programs scheduled, 7 presentations are completed.

75th Anniversary Celebration – SDSU Provost Office contributed $4K toward event, Section spent $2160 for venue and poster materials.

May Monthly Seminar – Drs. Stacey Brydges, Thomas J. Bussey on science education, scheduled for UCSD for Sat., May 14, weekend parking is free; using funds from an ACS Nano-Grant to sponsor raffle of two memberships to AACT.

Green Chemistry Seminar – Presentations on supercritical fluid chromatography; venue is Dart NeuroScience, May 23, sponsors are covering costs.

Earth Day – UCSD hosted demonstrations in Kids’ Section, 100+ watched the demonstrations.


Picnic – Renting truck from Abbey Rentals; planning dessert contest; using event to publicize upcoming Section events and volunteer opportunities.

50-60 Year Luncheon – July 12 at Tom Ham’s Lighthouse, scheduled for 12 noon to 2 p.m., weekday menu less expensive than weekend menu but has fewer choices.

Motion: Charge $25 -Approved.

MedChem Symposium – Speakers confirmed, working on sponsors.

Law Seminar – Scheduling for July, speaker from Dept. of Justice.

West Coast Analytical Symposium – Sept 20, forum for early-career chemists to share experiences, several confirmed sponsors.

Year-end Wrap-up – Suggestion to hold event at Sufi Mediterranean Cuisine, targeting Dec. 1.

Action: David to reserve the date.

Sponsorships – Working on opportunities.

Membership Chair, Education Chair – Still openings.

Western Regional Meeting – Discussion of options for Section to host a meeting; students happy about posters at WRM 2015.

Next meeting: June 2.
CHEMISTRY FOR YOU AND YOUR KIDS
DENSITY DESSERT

You will need
Eye protection, 1 4-oz box of lemon gelatin, 1 8-oz container of whipped cream cheese at room temperature, 1 8-3/4 oz can of fruit cocktail (drained), measuring cup, mixing bowl, 4 8-oz clear plastic cups, mixing spoon

1. Put the dry lemon gelatin in the bowl. Add 1 cup of hot tap water (get your adult partner to help with this!) to the gelatin, and stir until the gelatin is completely dissolved.

2. Add half of the container of cream cheese and stir. (The cream cheese won't blend in with the gelatin, but it will break into little bits.) Does the cream cheese sink or float in the gelatin? ______________  Why?

3. Add 1 cup of cold water to the gelatin and stir.

4. Now add the fruit to the gelatin/cream cheese mixture. Stir. Does the fruit sink or float in the mixture? ______________     How can you explain that? __________________________________________

5. Pour the gelatin mixture into the 4 cups and refrigerate them until the gelatin is set (several hours). Observe any changes in the dessert as it chills. Where does the cream cheese end up in the cup? ____________________________________________________________________________

How about the fruit? ____________________________________________________________________________

When the dessert is completely chilled, eat it!

Try some different types of Density Desserts using different-flavored gelatins, chopped nuts, marshmallows, fresh fruits, and maybe some non-dairy whipped topping.


ACS Webinars™
Featured Events

ACS Webinars® is a free, weekly online event serving to connect ACS members and scientific professionals with subject matter experts and global thought leaders in the chemical sciences. Each session is about 60 minutes, comprised of a short presentation followed by Q&A with the speaker. Live presentations are held on Thursdays from 2-3pm ET. Recordings of the webinars are available online to ACS members at http://acswebinars.org/.

Ice Cream Chemistry
Thursday, June 9, 2016

2016 Drug Design and Delivery Symposium
II - Beyond Traditional Small Molecules
June 23  Culture Clash - Antibody Drug Conjugates
July 28  Nucleic Acids Therapeutics - Making Sense of Antisense Oligonucleotides
August 18  Special Topic (To Be Announced)
III - Pharmacology Revisited
September 29  Designing Around Toxicophores
October 27  RNA by design and phenotypic screening
November 11  Cell Penetrating Peptides to Improve Cellular Drug Uptake

2016 ACS REGIONAL MEETINGS

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<td>MARM</td>
<td>June</td>
<td>9 - 12</td>
<td>Riverdale, NY</td>
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<td>NORM</td>
<td>June</td>
<td>26 - 29</td>
<td>Anchorage, AK</td>
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<td>ICS (Specialty)</td>
<td>July</td>
<td>17 - 21</td>
<td>New Orleans, LA</td>
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<td>NERM</td>
<td>October</td>
<td>5 - 8</td>
<td>Binghamton, NY</td>
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<td>SERMACS</td>
<td>October</td>
<td>23 - 26</td>
<td>Columbia, SC</td>
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<td>MWRM</td>
<td>October</td>
<td>26 - 28</td>
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<td>SWRM</td>
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<td>Galveston, TX</td>
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YOUR AD HERE!
Place your ad in the next issue of The San Diego Chemist
Please contact Renate Valois at: renate@sandiegoacs.org
CHEMPLYMENT 781

**Position Title**
Chemical Production Supervisor

**Job Description**
"Hands-on" supervisor requiring experience in manufacturing and process engineering
Develop complete understanding of chemistries, production lines, and equipment
Schedule workflow, manage inventory and production staff
Analyze results and develop corrective action where required (CAPA)
Develop and document Stand Operating Procedures such as process instructions, work instructions, form, etc., to properly document necessary processes
Comply with Health, Safety and Environmental regulations
Communicate and provide input to maintenance for troubleshooting and maintaining of equipment
Transfer of R&D products into scaled up production materials
Manufacturing processes review and improvement
Improve new technologies
Spec out new equipment

**QUALIFICATIONS DESIRED**

**Education**
Bachelor's degree (B.S.) in Chemistry (preferably Organic)

**Experience**
Two-to five years experience in Process Engineering - Background in Engineering
Experience with ISO, Batch Chemical or Pharmaceutical Manufacturing
Must be hands-on (conduct experiments, physically move/work with chemicals)
Strong leadership, decision-making and problem-solving skills

**Description of Company**
Designer Molecules, Inc. (DMI) is located in San Diego, CA, and develops and manufactures unique organic molecules used by formulators in the electronic and other high tech markets.

**Application Instructions**
Email résumé to support@designermoleculesinc.com or fax to (858)348-1123

CHEMPLYMENT 782

**Position Title**
Chemical Sales Professional

**Job Description**
Chemical Sales Professional position available at Designer Molecules, Inc. Requires advanced degree in organic chemistry, proven sales track record, travel in North America approximately 80% of the time. Compensation includes salary, commission, and generous benefit package. Must maintain existing accounts and identify new customers, markets, and applications for existing DMI products

**QUALIFICATIONS DESIRED**

**Education**
Advanced degree in organic chemistry

**Experience**
Two or more years Sales or Service experience
Proficient in comprehensive math skills including basic statistics
Computer proficient (Excel, Word, PowerPoint)

**Description of Company**
Designer Molecules, Inc. (DMI) is located in San Diego, CA and develops and manufactures unique organic molecules used by formulators in the electronic and other high tech markets. www.designermoleculesinc.com

**Application Instructions**
Email résumé to support@designermoleculesinc.com or fax to (858)348-1123
ACS PUBLICATIONS LAUNCHES MOBILE- OPTIMIZED WEB PLATFORM

ACS Publications has introduced ACS2Go, pubs.acs.org/acs2go, a new, mobile-optimized website that enriches the reading and browsing experience for readers of ACS content. Mobile pairing technology provides authorized users from subscribing institutions with on-the-go access to the entire content of the ACS Publications web platform. That includes more than 1 million scientific journal articles, the full collection of ACS eBooks, C&EN Archives, and the ACS Style Guide, all via a mobile-optimized interface. ACS members can also access their personal subscriptions on this platform.

ACS2Go can be accessed at pubs.acs.org on a tablet or smartphone. Please see for more information: pubs.acs.org/acs2go.

ACS INDUSTRY VOICES

ACS Industry Member Programs brings you the ACS Industry Voices blog, with weekly posts that share stories, lessons, advice, and general musings from around the chemical technology field.

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

Palomar College
Greg Elliot
gelliott@palomar.edu  858-531-1149

Point Loma Nazarene University
Sara Choung
SaraChoung@PointLoma.edu  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

San Diego State University (SDSU)
Mikael Bergdahl
bergdahl@sciences.sdsu.edu  619-594-5865

Southwestern College, Chula Vista
David Hecht
dhecht@swccd.edu  619-421-6700x5461

University of California, San Diego
Joe Cribari
jcribari@ucsd.edu  858-822-4055
Gourisankar Ghosh
gghosh@ucsd.edu  858-822-0469
Judy Kim
judyk@ucsd.edu  858-534-8080

University of San Diego
Tammy Dwyer
tdwyer@sandiegoedu  619-260-4030

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 $80.00!

For information contact:
Renate Valois - renate@sandiegoacs.org

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Greg Elliot
gelliott@palomar.edu  858-531-1149

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For information contact:
Renate Valois - renate@sandiegoacs.org
UPCOMING EVENTS

SUMMER PICNIC
San Dieguito County Park, Solana Beach
Sunday, June 26, 2016

**********

SENIORS/RETIREES/CONSULTANTS/ETC. BREAKFAST
Denny's
4280 Clairemont Mesa Blvd, San Diego
Thursday, June 30, 2016, at 9:30 AM

**********

FIFTY-/SIXTY-YEAR MEMBER LUNCHEON
Tom Ham’s Lighthouse, 2150 Harbor Island Drive, San Diego
Tuesday, July 12, 2016

**********

19TH ANNUAL SAN DIEGO MEDCHEM SYMPOSIUM
Price Center Theater at UCSD
Friday, July 15, 2016

**********

252nd ACS FALL NATIONAL MEETING & EXPOSITION
Philadelphia, Pennsylvania
August 21-25, 2016

**********

SECOND ANNUAL ACS WEST COAST ANALYTICAL CHEMISTRY SYMPOSIUM
Dart NeuroScience, 12278 Scripps Summit Drive, San Diego, CA 92131
Tuesday, September 20, 2016, from 9:00 am – 5:00 pm

**********

HOLIDAY PARTY
Sufi Mediterranean Cuisine
5915 Balboa Ave
San Diego, CA 92111
Date: TBA

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

John Abdou
Jeremiah Fogel
Manoj Kashyap
Rhiannon Kennard
Margaret Olson
Muhand Rashid
Alireza Rezania
Jennifer Barber Singh
Vincent van der Puyl
Carlos Ingram Vargas Consuelos
# 2016 EXECUTIVE COMMITTEE & COMMITTEE MEMBERS
## SAN DIEGO SECTION OF THE AMERICAN CHEMICAL SOCIETY

### EXECUTIVE COMMITTEE

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Email</th>
<th>Contact Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chair</td>
<td>Graeme Freestone, Dart NeuroScience LLC</td>
<td><a href="mailto:gfreestone@sandiegoacs.org">gfreestone@sandiegoacs.org</a></td>
<td>858-246-8137</td>
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<tr>
<td>Chair-Elect</td>
<td>Jonathan Lockner, Calibr, <a href="mailto:jlockner@sandiegoacs.org">jlockner@sandiegoacs.org</a></td>
<td></td>
<td>858-688-8143</td>
</tr>
<tr>
<td>Past-Chair</td>
<td>Ben Pratt, Akarna Therapeutics, <a href="mailto:bpratt@sandiegoacs.org">bpratt@sandiegoacs.org</a></td>
<td></td>
<td>858-945-7893</td>
</tr>
<tr>
<td>Secretary</td>
<td>William Tolley, Seacoast Science, Inc., <a href="mailto:b_tolley@juno.com">b_tolley@juno.com</a></td>
<td></td>
<td>858-780-0978</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Bill Szabo, <a href="mailto:bszabo@sandiegoacs.org">bszabo@sandiegoacs.org</a></td>
<td></td>
<td>858-850-0306</td>
</tr>
</tbody>
</table>

### Councilors

<table>
<thead>
<tr>
<th>Name</th>
<th>Contact Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thomas R. Beattie</td>
<td>858-587-1210</td>
</tr>
<tr>
<td>Hui Cai, WuXi AppTec</td>
<td>858-655-8322</td>
</tr>
<tr>
<td>Desiree Grubisha, CSUSM</td>
<td>858-254-5497</td>
</tr>
<tr>
<td>John Palmer, UCSD</td>
<td>858-265-9198</td>
</tr>
<tr>
<td>Ken Poggenburg</td>
<td>760-635-2573</td>
</tr>
<tr>
<td>David Wallace, Wallace Scientific Consulting</td>
<td>858-638-1866</td>
</tr>
</tbody>
</table>

### Alternate Councilors

<table>
<thead>
<tr>
<th>Name</th>
<th>Contact Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paul Bruinsma, HP Inc.</td>
<td>858-587-8322</td>
</tr>
<tr>
<td>Surya K. De, Sanford-Burnham Medical Research Institute</td>
<td>858-337-4961</td>
</tr>
<tr>
<td>Julann Miller, Waters Corporation</td>
<td>858-254-5497</td>
</tr>
<tr>
<td>Ben Pratt, Akarna Therapeutics</td>
<td>858-945-7893</td>
</tr>
<tr>
<td>John Schindler</td>
<td>858-353-3943</td>
</tr>
<tr>
<td>Jim Shih, Eli Lilly &amp; Co</td>
<td>626-826-356</td>
</tr>
</tbody>
</table>

### Members-at-Large

<table>
<thead>
<tr>
<th>Name</th>
<th>Contact Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>James Caldwell</td>
<td>815-262-9697</td>
</tr>
<tr>
<td>Ryan Clark, Inception Sciences, Inc.</td>
<td>858-774-2095</td>
</tr>
<tr>
<td>Mark Rosen, Aetheria Therapeutics</td>
<td>858-692-0639</td>
</tr>
<tr>
<td>Joann Um, Southwestern College</td>
<td>510-823-8637</td>
</tr>
<tr>
<td>Mark Wentland</td>
<td>518-257-2735</td>
</tr>
</tbody>
</table>

### STANDING & SPECIAL COMMITTEES

#### Award Nomination Committee
- Thomas R. Beattie (Chair)

#### ChemExpo
- Paul Bruinsma (Chair), HP Inc. 2016
- Julann Miller, Waters Corporation 800-252-4752 x6802

#### Communications Committee
- Paul Bruinsma, (Chair), HP Inc. 2017
- Surya K. De, Sanford-Burnham Medical Research Institute 2016
- Desiree Grubisha, CSUSM 2018
- John Palmer, UCSD 2017
- Ken Poggenburg 760-635-2573
- David Wallace, Wallace Scientific Consulting 858-638-1866
- Renate Valois (Newsletter Editor) 619-692-0638

#### Education Committee
- Haim Weizman (Chair), UCSD 2016
- Joann Um (Co-Chair), Southwestern College 2017
- 510-823-8637

#### EarthFair
- Julann Miller, Waters Corporation 800-252-4752 x6802

#### Finance Committee
- Bill Szabo (Chair) 2016
- Tom Beattie 858-587-1210
- John Schindler 858-353-3943

#### Fundraising Committee
- Jonathan Lockner (Interim Chair) 2015
- Government Affairs Committee
- Hui Cai, WuXi AppTec (Chair) 2016
- Ken Poggenburg 760-635-2573

#### Law Committee
- Ryan C. Smith, Duane Morris LLP 2017
- 619-744-2220

#### Mad Science Program
- Thomas R. Beattie 858-587-1210

#### MedChem Symposium
- Mark Tichenor (Co-Chair), Janssen Pharmaceuticals, Inc. 2017
- David Wallace (Co-Chair), Wallace Scientific Consulting 858-638-1866

#### Membership Committee
- OPEN

#### Nominations Committee
- Jim Shih, Eli Lilly & Co. 2016
- 626-826-3561

#### Picnic Committee
- Jim Shih, Eli Lilly & Co. 2016
- 626-826-3561

#### Professional Development Committee
- Valerie Kuck 973-744-5510

#### Public Relations Committee
- John Schindler 858-353-3943

#### Senior Chemists Committee
- Ken Poggenburg (Chair) 760-635-2573

#### Seniors Breakfasts
- Thomas R. Beattie 858-587-1210

#### Women Chemists Committee
- Valerie Kuck 973-744-5510

#### Younger Chemists Committee
- Jean-François Brazeau (Co-Chair), Celgene 2016
- Corey Anderson, (Co-Chair), Vertex Pharmaceuticals 858-405-4734

Voice Mail – San Diego Section 619-687-5570