Cancer Drug Development: The Good, the Bad, the Ugly

Carol Gallagher, Pharm.D.
Partner, New Enterprise Associates

DATE: Thursday, February 18, 2016
TIME: 6:00 PM Social Hour, Light Meal
7:00 PM Lecture
PLACE: Duane J. Roth Auditorium
Sanford Consortium for Regenerative Medicine
2880 Torrey Pines Scenic Drive
La Jolla, CA 92037
DIRECTIONS: See: http://www.sanfordconsortium.org/directions
RSVP: By Monday, February 15, 2016
https://carolgallagher.eventbrite.com

ABOUT THE SPEAKER:
Carol Gallagher joined New Enterprise Associates (NEA) in October 2014, where she is primarily focused on biopharma investments. Carol is a proven entrepreneur, operator, and more recently investor, with more than 25 years of experience in commercial, drug development and business development roles. Prior to joining NEA, she was a Venture Partner with Frazier Healthcare and she served as an independent director on multiple Boards including Aragon Pharmaceuticals, which was acquired in 2013 by Johnson and Johnson for $650 million upfront and a total consideration of $1 billion.

From 2008-2011, Dr. Gallagher was the president and CEO of Calistoga Pharmaceuticals that developed the first-in-class cancer therapeutic, CAL-101, now known as ZYDELIG. During her tenure as CEO at Calistoga Pharmaceuticals, Dr. Gallagher raised $80 million in venture financing and led the company to a successful exit with the acquisition by Gilead Sciences in April 2011 for $375 million and a total consideration of $600 million. Gilead has continued to rapidly advance registration trials of ZYDELIG in patients with certain types of leukemia and lymphoma. In 2014, ZYDELIG was approved in the US and Europe for three indications simultaneously.

ABOUT THE PRESENTATION:
Using the example of the story of the discovery and development of ZYDELIG (idelalisib), Dr. Gallagher will discuss key considerations in drug development. The PI3K delta isoform was first cloned by scientists at ICOS and idelalisib was invented at ICOS. ICOS was focused on commercializing Cialis and the PI3K delta program was shelved. Calistoga Pharmaceuticals was founded by Mike Gallatin, the previous CSO of ICOS, licensed the PI3K delta assets and initiated evaluation of the target in B-cell malignancies. After demonstrating clinical benefit in patients with CLL, SLL, mantle cell lymphoma, and indolent non-Hodgkins lymphoma, Calistoga was acquired by Gilead and Zydelig has been approved for multiple indications in the US and EU.
Dear ACS Members,

I hope you had a wonderful holiday and a Happy New Year!

The Executive Committee met for the first time in 2016 on January 5th, and we used this opportunity to continue our planning and discussions of what we hope will be a great program of events and outreach in San Diego this coming year. We wish to fully engage all demographics within our membership and if you have any comments or suggestions to enable this please feel free to contact me personally.

By the time you read this we will have already held our first monthly speaker meeting of 2016. Marco Biamonte of Drug Discovery for Tropical Diseases and Steven J. Oldenburg of nanoComposix will have given presentations on some of the advances in the use of nanoparticles and their application to different fields, such as medical devices, defense, security, dermatology, nanosafety, and diagnostics. We will have a write-up and photos in the next newsletter.

Already in the pipeline are some upcoming events which you won’t want to miss!

On February 18th Carol Gallagher, currently a partner with New Enterprise Associates, will discuss some key considerations in drug development using the story of the discovery and development of the first-in-class cancer therapeutic ZYDELIG (idelalisib) from her tenure as CEO at Calistoga Pharmaceuticals as an example.

Due to the overwhelming success of the inaugural event in 2015, the second installment of ACS West Coast Analytical Symposium is already planned. This will be held September 20, 2016, at Dart NeuroScience.

And also upcoming are some community wide, large-scale events! San Diego Festival Of Science & Engineering EXPO DAY at PETCO Park on Saturday, March 5, 2016.

ACS Spring National Meeting & Exposition being held here in San Diego, March 13-17, 2016.


Our next Executive Committee Meeting will take place on Thursday, February 4th. I invite all members who wish to become more involved to come and attend. We are committed to making all great ideas happen in 2016.

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 2,400 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.

CHEMISTRY JUDGES NEEDED

Judging by professional societies at the 62nd Annual Greater San Diego Science & Engineering Fair will take place on Wednesday, March 16th, 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.

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 23rd of the month for publication by the end of that month.

Advertisers: Ad prices as of January 1, 2015:

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Discounts will be available for issues not shown. Please send your jpg to: Renate Valois at renate@sandiegoacs.org. Make checks payable to: American Chemical Society and mail to: Bill Szabo, Treasurer 3950 Mahaila Avenue, B-36 San Diego, CA 92122

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.

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.

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 Dates 2016

6:00 – 8:00 pm

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Meetings will be held at: 9381 Judicial Drive, Suite 160 San Diego, CA 92121
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: Fang Zhao, Chair, Fundraising Committee, at fzhao@sandiegoacs.org

GET INVOLVED IN STEM EDUCATION – VOLUNTEER TUTOR OR PURSUE A PATH TO TEACHING WITH ENCORPS!

The EnCorps STEM Teachers Program (www.encorps.org) provides STEM industry professionals with opportunities to tutor 1-2 hours a week in local middle and high schools. We also offer a program to explore a career in teaching, all free to our participants. Inspire the next generation of scientists and innovators! Find out more by joining one of our monthly free EnCorps 101 webinars, RSVP: http://encorps.org/webinar/

APPLY NOW for consideration into our 2016 cohort: www.encorps.org/apply

Interview Date Application Deadline
February 18, 2016 Feb. 12
March 15, 2016 March 11
April 16, 2016 April 13
May 16, 2016 May 9

ACS SHORT COURSES IN SAN DIEGO, CA

The ACS will be holding Short Courses in San Diego, CA, March 11 – 13, 2016, to help you gain invaluable training in just a few days.
For information, see: http://proed.acs.org/sandiego/

I WANT TO BE A CHEMIST; CAN YOU HELP ME?

e3 Civic High is looking for a few chemist who are willing to share their expertise with our students. A four-hour commitment is all it takes. A student will observe you in your workplace while you perform your normal activities and answer questions. Job Shadows will take place on March 11, 2016, from either 8:00, 8:30 or 9:00 am to 12:30 pm. For more information contact: Melissa Woods, Internship Workforce Development Coordinator, at woods@e3civichigh.com or (619)546-0000 ext. 2714 or option 8.

The 213th Meeting of the Two-Year College Chemistry Consortium (2YC3)

We invite you to attend the 213th 2YC meeting on March 11-12, 2016. The conference will take place at San Diego City College, located on 1313 Park Blvd, San Diego, CA 92101. We currently are looking for colleagues who would like to contribute to our program by giving a presentation, leading a workshop, or participating in a panel discussion. We especially encourage topics related to our theme, "Teaching Chemistry Through Its Social Impacts". If you would like to present on a different topic, please do not hesitate to submit an abstract, as we encourage as diverse a program as possible. The due date for submitting abstracts (via email to the Program Co-Chairs) is February 15, 2016. For more information, see http://www.sdcity.edu/2yc3

Program Co-Chairs
Nancy Crispen: ncrispen@sdcce.edu
Joann Um: jum@swccd.edu
Haim Weizman: hweizman@ucsd.edu

Local Arrangements Chair
Robert Kojima: rkojima@sdcce.edu

Exhibits Coordinator
Shane Haggard: mhaggard@sdcce.edu

NATIONAL CHEMISTRY OLYMPIAD

The Education Committee of the San Diego Section of the American Chemical Society (ACS) is pleased to announce that we will be participating in the 2016 U.S. National Chemistry Olympiad (USNCO). The primary goals of this program are to stimulate interest and achievement in chemistry among high school students throughout the United States and to provide recognition of outstanding young chemistry students, teachers, and schools.

A preliminary screening of students through the administration of a standardized ACS examination will be held on Saturday, March 19, 2016, at 9 am and repeated on Sunday, March 20, 2016, at 9 am at the University of San Diego in The Shiley Center for Science and Technology – Rooms 129, 130 and 133. The exam lasts approximately 2 hours. Please send students with a pencil and calculator (nonprogrammable only).

Mailings have gone out to chemistry teachers in all San Diego County high schools. If your child is interested in participating, please have them contact their chemistry teacher to express their interest in registering for the Olympiad.

For more information please e-mail: jschellinger@sandiego.edu.
CONGRATULATIONS

The following San Diegans will be presented with awards at the National ACS Meeting in San Diego in March:

The Elias J. Corey Award for Outstanding Original Contribution in Organic Synthesis by a Young Investigator will be given to Phil Baran, Professor, Department of Chemistry, The Scripps Research Institute, and Member of the Skaggs Institute for Chemical Biology, La Jolla, CA.

The Gabor A. Somorjai Award for Creative Research in Catalysis will be given to Donna G. Blackmond, Professor, Department of Chemistry, The Scripps Research Institute, La Jolla, CA.

ACS-HACH PROGRAMS

ACS-Hach Land Grant Teacher Scholarship
Application Period: Contact participating universities directly for application details

ACS-Hach Post-Baccalaureate Teacher Scholarship
Application Period: February 1st – April 1st

ACS-Hach Second Career Teacher Scholarship
Application Period: February 1st – April 1st

About ACS-Hach Programs Learn more, Email: hach@acs.org Phone: (800) 227-5558 ext. 8178

SUMMARY OF SAN DIEGO SECTION
EXECUTIVE COMMITTEE MEETING
JANUARY 5, 2016

Treasurer’s Report – 2015 budget final: received $25K in sponsorships; variance for the year of $373 surplus; 2016 budget projection of $51 deficit; Vanguard Fund down ~$10K for the year; total assets of $308K as of 12/31/15; need to update sponsor logos on website; treasurer presented proposed budget, question of projected expenses SABPA meeting

Motion: Approve budget as presented – amend budget to raise sponsorships projection to $25K, raise SABPA/ACS budget to $4K; motion to accept budget as amended – Approved unanimously

November Monthly Seminar – Dr. Jim Shigley from Gemological Institute, 75 attending, Takeda great host; discussion of gemological forensics; ALT sponsoring

Year-end Wrap-up – Lower attendance, great food (left lots of desserts!); net cost to Section of $1,700 deficit this year compared to $2000 last year

January Monthly Seminar – Two speakers scheduled: Marco Biamonte - Drug Discovery for Tropical Diseases, and Steven J. Oldenburg – nanoComposix; Jan 26, TSRI Keck Auditorium

February Monthly Seminar – Carol Gallagher, formerly CEO of Calistoga Pharma, Tues., Feb. 23, tentatively Women’s Club La Jolla (Gulin Erdogan organizing)

Academics to Industry – Presentation UCSB Apr. 16, 1-day event

75th Anniversary of Section Organization - Thurs., Apr. 7, SDSU; Univ. administration has taken an interest in supporting the commemoration

San Diego Science Festival – Mar. 5, SDACS accepted to organize a display, booth assignments to come, aim to middle-schoolers; SWC students have expressed interest in helping

Greater SD Science Fair – Expecting Ken Poggenburg to lead effort again

National Meeting – Graeme Freestone assisting to organize program for youngsters; a class from Arizona has volunteered to help as session assistants; suggestions for SD booth – want those in the booth who are familiar with San Diego food & attractions; local sections receive up to $5,500 to support meeting activities, including booth (includes money for food for volunteers), Section volunteers can get parking paid by Section

Election / ExComm Members - Alt. councilor- No rush to fill vacancy occasioned by Ruo Steensma’s resignation; current councilors dedicated to attending National Meetings; Members At Large – Graeme Freestone has talked with James Caldwell, JoAnn Um, and Mark Wentland to fill vacancies; Fang Zhao has volunteered to chair Sponsorships Committee; Valerie Kuck volunteered as treasurer’s back-up; need membership chair; YCC – Corey Anderson wants to remain as co-chair; finance committee – Bill Szabo, John Schindler, Tom Beattie

National Chemistry Olympiad – 2016 Olympiad to be held in Pakistan, State Dept. urging US citizens to not travel to Pakistan, so ACS will not sponsor a training camp

Earth Fair – Apr. 17, local college students usually interested in helping, need to confirm a chair to organize

EnCorps – Looking for volunteers to make STEM school presentations. Announcement is posted in Newsletter

High-Tech High – Looking for presentations in 10th grade chemistry. Announcement is posted in Newsletter

E3 Civic High School – Looking for opening for a job shadow – 4 hours observing mentor on Mar. 11; unpaid internship each Wed. during school year. Announcement is posted in Newsletter

WRM 2015 – Held Nov. 2015 at CSUSM, ~500 attendees, somewhat less than previous meeting in Pasadena (~1100 attended); Steering Committee Meeting (~20 members present) urging San Diego Section to host next WRM Meeting (no suggestion regarding time, not consistent with alternating meetings between northern and southern locations, disregards that San Diego hosting next National Meeting)

Website Update – Ken Ajayi has moved from SD; Webmaster slow to respond

West Coast Analytical Symposium – Organizing committee to set dates, tentatively Sept. 10, arranging sponsor tables; change catering service

Green Chemistry Group – May 23 at Dart, ~6 speakers, lunch, posters; emphasize SFC; asking Section to assist in logistics / advertising / Eventbrite (kudos from last year’s attendees for Julann Miller and Ben Pratt in organizing the analytical conference)

IPG – Submitted proposal to hold Polygrid Symposium

Future Meeting – Proposing presentation from forensic chemist Robert Blackledge (lives locally)

Next meeting: February 4
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 in San Diego, this is your way to make it happen.
For more information please contact:
Gratwone Freestone, 2016 Chair
San Diego Section of the American Chemical Society
gfreestone@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, Kautiln 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!

LINKS TO STEM
Links to STEM provides enrichment for students in grades 4-8 from schools throughout San Diego. Links to STEM introduces students to a broad spectrum of STEM-related topics and emphasizes the skills necessary to participate on a robotics team. The time commitment is from 9:00 am - 12 noon, 2 times monthly/every other Saturday at Francis Parker School in Linda Vista until the end of April 2016. Volunteers are needed in the following areas:
• Computer programming • Scientific experiments • Elementary & middle school math • Robotics competition preparation
If you are interested please contact Kemi Akinlabi at olakemi.akinlabi@hp.com

SHARE SCIENCE AS A CHEMISTRY AMBASSADOR
You can help kids learn to understand and love science as a Chemistry Ambassador, and ACS is ready to help you do it. Volunteer with youth groups, summer camps, and scouts in your community - the Chemistry Ambassadors program has tips and resources to support your outreach to your neighbors or students in your area. The Chemistry Ambassadors program makes it easy to stay involved, whether you have a lot of time, or just a little. See www.acs.org/chemistryambassadors for more details.

VOLUNTEER WITH KIDS & CHEMISTRY
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

ACS Webinars™
Webinars in February, please see: http://www.acs.org/content/acs/en/acs-webinars.html


ACS PUBLICATIONS LAUNCHES MOBILE-OPTIMIZED WEB PLATFORM
ACS Publications has introduced ACS2Go, pubs.acs.org/ac2go, 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. A brief video, a highlight of features and functionality, and frequently asked questions are available at: pubs.acs.org/acs2go.

ACS Industry Voices: Taking It to the Next Level
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. In this week’s entry, ACS past President Bill Carroll reflects on what comes next, and how to get there.

Office Product and Printing Discounts for ACS Members
Enjoy discounted pricing on your next purchase from more than 12,000 available in-stock products as well as reduced pricing on select OfficeMax printing services. Whether ordering online or at an OfficeMax store, the ACS member discounts apply. Start saving today by calling 1-800-636-2377 to receive login information and a personal Retail Connect Card.

2016 ACS REGIONAL MEETINGS

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<td>MARM</td>
<td>June 9-12</td>
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<td>NORM</td>
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<td>ICS (S)</td>
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<td>MWRM</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
The 5th SABPA Medical Device and Diagnostics (MDD) Forum

Liquid Biopsy: Non-invasive Tumor Diagnosis and Treatment Monitoring

When: Saturday, February 20th 2016, 8:00am to 2:00pm
Where: Institute of Americas, UCSD, 10111 N Torrey Pines Road, La Jolla, CA 92037
Registration: $20 for early birds (by February 15th), $40 for onsite registration, students and postdocs $5 off (The fees include program brochure, continental breakfast, coffee break, and lunch; parking is free). Online registration: https://www.123signup.com/event?id=pdzzx
Organizer: Sino-American Biotechnology & Pharmaceutical Professional Association (SABPA)

Introduction: Liquid biopsies can be used to detect circulating tumor cells (CTCs), exosomes, and cell-free DNA and RNA (cfDNA/cfRNA), thus have enormous implications in diagnostics of cancers and prenatal testing which leads to more effective treatment of diseases. It is poised as a game changer and transforms clinical practice. Technologies such as next-generation sequencing (NGS) and digital PCR are gaining momentum in these research areas. In the 5th MDD Annual Forum, leaders from industry and academia will share recent progresses on technology development, application in pharmaceutical and clinical applications, entrepreneurship and regulatory oversight in this rapidly growing field. The audience will have the great opportunity to learn about the recent updates and novel findings in this exciting area, share ideas, and network with their colleagues and experts.

Keynote Speaker
Klaus N. Lindpaintner, MD, MPH
CSO, Analytical Technologies, ThermoFisher Scientific

Keynote Speaker
Stefan Scherer, MD, PhD
VP, Head of Global Correlative Sciences, Novartis

Keynote Speaker
Michael Nall
President & CEO, Biocept

Keynote Speaker/Panelist
Abraham Tzou, MD
Medical Officer, CDRH/FDA

Moderator of Panel Discussion
Federico Goodsaid, PhD
VP of Assay Development & Regulatory Affairs, TOMA Biosciences

Panelist
Mao Mao, MD, PhD
SVP of Translational Bioscience & Diagnostics, Wuxi AppTec

Panelist
Louis Welebob, PhD
VP of Marketing, NanoString Technologies

Panelist
Yuan Gao, PhD
President & CEO, Med Data Quest
Co-Founder, Singlera Genomics
POSITION TITLE
Chemistry Instructor (2016) Mira Costa College
Position Type: Full-time Faculty

JOB DESCRIPTION
One full-time (10 months per year), tenure-track faculty position beginning in August 2016. To view the Chemistry program website, go to http://www.miracosta.edu/Instruction/Chemistry/.

The Department of Chemistry is seeking an academically focused chemist who will provide instruction primarily in organic chemistry (nursing and majors) courses which are lecture and lab-based. The person selected will also assume the course lead role for our Preparatory Chemistry (CHEM 108) course, developing lecture and laboratory curriculum and coordinating these multi-section courses. Opportunities to teach other courses in the chemistry department may be possible, depending on the needs of the department.

QUALIFICATIONS DESIRED
The college seeks candidates who have achieved the highest level of professional excellence as demonstrated by:

1. Strong academic preparation in chemistry;
2. Recent experience and demonstrated success in teaching college chemistry lecture and laboratory courses, including organic chemistry;
3. Experience and skill in developing experiments for the undergraduate teaching laboratory, and in using innovative teaching methodologies;
4. Experience with chemical instrumentation;
5. Familiarity with and experience in using computers in education for data acquisition/reduction, as a teaching aid, and for accessing information;
6. Ability to coordinate multiple sections of a course;
7. Familiarity with or interest in distance education and online teaching and learning;
8. Demonstrated ability to work closely and collaboratively with students and colleagues in support of a positive, productive, and professional academic environment;
9. Commitment to community college objectives of providing instruction for students of diverse abilities, interests and educational and cultural backgrounds;
10. Ability to contribute to the mission of the college.

APPLICATION INSTRUCTIONS:
To view the full job posting and apply for this position, go to https://jobs.miracosta.edu/applicants/jsp/shared/frameset/Frameset.jsp?time=1452788325975

Closing Date: 2-16-2016
Human Resources Contact Information: jobs@miracosta.edu or 760.795.6854

POSITION TITLE
Consultant – Organic Chemist

JOB DESCRIPTION
We are seeking a seasoned and well-rounded organic chemist to consult on various current and new projects and products. The qualified candidate will have broad knowledge of bench chemistry, analytical chemistry and manufacturing scale-up. The candidate will work closely with company management and third party manufacturing and analytical partners.

QUALIFICATIONS AND DUTIES
• PhD in Organic Chemistry with 10+ years in the specialty chemical industry preferred.
• Strong knowledge of organic chemistry research and development
• Experience in manufacturing scale-up from bench to commercialization
• Able to provide technical service to solve manufacturing problems, questions or concerns
• Ensures CrossChem manufacturing principles and methods (where applicable) are implemented and monitored with third party manufacturing partners
• Ensures CrossChem analytical methods (where applicable) are implemented and monitored with third party manufacturing partners and independent analytical laboratories

DESCRIPTION OF COMPANY
CrossChem is a Carlsbad California based specialty chemical company based on a third party manufacturing model. We launched in 2001 as a spin-off of Rohm and Haas Company by R+H technical and commercial managers. Our products are produced in the USA and China with sales globally.

APPLICATION INSTRUCTIONS
Qualified and interested candidates should send CV/Résumé to careers@crosschem.net
Metals are often used to make musical instruments, such as cymbals, triangles, xylophones, and bells that you hit to make a sound. Metals make good musical instruments because different sizes, shapes, thickness, and types of metal vibrate differently and make different sounds. Make your own instrument from metals and become a WonderScience Musician.

You will need

- Eye protection
- A metal coat hanger
- Three metal spoons of different sizes
- String
- Pen

1. Get a piece of string about 2/3 meter (about 2 feet long). Tie a metal coat hanger to the center of the string as shown.
2. Tie the three spoons separately along the string.
3. Make a loop at each end of the string. Put our index fingers through the loops and put the ends of your index fingers in your ears.
4. Ask your adult partner to gently strike the hanger with the pen. How does it sound? Have you adult partner strike the other metal objects at different times and in different order to see how the metals sound.
5. Let your adult partner listen while you play your new WonderScience metals instrument. Tie some other metal objects on your string and see how the sound changes!

UPCOMING EVENTS

CAROL GALLAGHER, PHARM.D.
Partner, New Enterprise Associates
"Cancer Drug Development: The Good, the Bad, the Ugly"
Duane J. Roth Auditorium, Sanford Consortium for Regenerative Medicine
2880 Torrey Pines Scenic Drive, La Jolla, CA 92037
Thursday, February 18, 2016
**********

SAN DIEGO FESTIVAL OF SCIENCE & ENGINEERING
https://www.lovestemsd.org/
FESTIVAL WEEK: March 5-13, 2016
EXPO DAY at PETCO Park: Saturday, March 5, 2016
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251st ACS SPRING NATIONAL MEETING & EXPOSITION
San Diego, California
March 13-17, 2016
**********

THE 62nd ANNUAL GREATER SAN DIEGO SCIENCE AND ENGINEERING FAIR
Balboa Park Activity Center (2145 Park Blvd.)
For information please see http://www.gsdsef.org/
March 15 - 20, 2016
**********

EARTH DAY - EARTHFAIR 2016
Balboa Park, San Diego, CA
http://www.earthdayweb.org
Sunday, April 17, 2016
**********

SUMMER PICNIC
San Dieguito County Park, Solana Beach
Sunday, June 26, 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
The Butcher Shop
5255 Kearny Villa Road, San Diego, CA 92123
Thursday, December 1, 2016
**********

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

Murtaza Alibhai  Joe Mejia
Carina Arboleda  Lupe Mejorado
Arianna Ayonon  Julia Michaelis
Elizabeth Brunk  Nathan Mih
Lynette Bueno Perez  Daniel Moberg
Joshua Demeo  Victoria Nguyen
Judith Flores  Cedric Owens
Lauren Freihofer  Steven Quintero
Yu Gao  Alexander Roloff
Adam Grobin  Kyra Thrush
Siti Azma Jusoh  Sara Torres Robles
Raja Kalva  Janice Tran
Laura Kingsley  Zhao Wang
Bonnie Le  Peng Wu
Andrea Luthi  Carl Yee
Mike Martin  Marcus Yu
Lidio Meireles
## Executive Committee

### Chair
- Graeme Freestone, Dart NeuroScience LLC, gfreestone@sandiegoacs.org (2016) 858-246-8137

### Chair-Elect
- Jonathan Lockner, Calibr, jlockner@sandiegoacs.org (2016) 858-688-8143

### Past-Chair
- Ben Pratt, Akarna Therapeutics, bpratt@sandiegoacs.org (2016) 858-945-7893

### Secretary
- William Tolley, Seacoast Science, Inc., b_tolley@juno.com (2016) 858-780-0978

### Treasurer
- Bill Szabo, bszabo@sandiegoacs.org (2016) 858-550-0306

### Councilors
- Hui Cai, WuXi AppTec (2016) 858-361-8838
- Desiree Grubisha, CSUSM (2018) 858-254-5497
- John Palmer, UCSD (2017) 858-534-5906
- Ken Poggenburg (2016) 760-635-2573

### Alternate Councilors
- Paul Bruinsma, HP Inc. (2017) 858-655-8322
- Surya K. De, Sanford-Burnham Medical Research Institute (2016) 858-337-4961
- Julann Miller, Waters Corporation (2017) 800-252-4752 x6802
- John Schindler (2016) 858-353-3943
- Jim Shih, Eli Lilly & Co (2017) 626-826-3561

### Members-at-Large
- James Caldwell (2016) 815-262-9697
- Ryan Clark, Inception Sciences, Inc. (2017) 858-774-2095
- Mark Rosen, Aetheria Therapeutics (2017) 858-692-0639
- Joann Um, Southwestern College (2016) 510-823-8637
- Mark Wentland (2016) 518-257-2735

## Standing & Special Committees

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

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

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

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

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

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

### Fundraising Committee
- Fang Zhao, WuXi AppTec

### Government Affairs Committee
- Hui Cai, WuXi AppTec (Chair)
- Ken Poggenburg 760-635-2573

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

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

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

### Membership Committee
- Mark Rosen, Aetheria Therapeutics 858-692-0639

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

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

### Professional Development Committee
- OPEN

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

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

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

### Women Chemists Committee
- OPEN

### Younger Chemists Committee
- Jean-François Brazeau (Co-Chair), Celgene 858-882-5263
- Corey Anderson, (Co-Chair), Vertex Pharmaceuticals 858-405-4734

### Voice Mail – San Diego Section 619-687-5570