New Frontiers in Science Education: How We Prepare Undergraduates for Careers

Barbara Sawrey, PhD
Associate Vice Chancellor for Academic Affairs
and Dean of Undergraduate Education
University of California, San Diego

DATE: Tuesday, April 7, 2015
TIME: 6:00 PM Social Hour, Light Supper
       7:00 PM Lecture
PLACE: Gold Auditorium, Shiley Bioscience Center
       San Diego State University
       Department of Chemistry and Biochemistry
       5500 Campanile Drive, San Diego, CA 92182-1030
RSVP: By Friday, April 3, 2015
      http://barbarasawrey.eventbrite.com

For more information, please see page 3

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5th SABPA/ACS Chemistry Symposium

DATE: Friday, April 10, 2015
TIME: 4:45 – 5:45 PM Registration, Networking and Light Dinner
       5:45 – 6:30 PM Dr. Shifeng Pan, "Discovery of Porcupine Inhibitors Targeting Wnt Signaling in Cancer"
       6:30 – 7:15 PM Professor John F. Hartwig, "Metal-Mediated and Metal-Catalyzed Incorporation of Fluorine into Aromatic Molecules"
PLACE: Knobbe Martens Olson & Bear LLP
       12790 El Camino Real, San Diego, CA 92130

For more information, please see page 4
Dear ACS Members,

Spring is here, and on some days it feels like summer is just around the corner. The San Diego Section has organized three monthly meeting lectures this year, the most recent coming from Professor Donna Blackmond from TSRI on March 17th. Her talk focused on the chemical and physical models for the origin of biological homochirality, the way in which racemic (or near racemic) mixtures of chiral molecules could lead to the stereospecific chirality seen in biologically relevant building blocks such as sugars and amino acids. The event was made possible by a generous donation from Heidolph.

The end of March and early April are packed with volunteer opportunities for our Local Section members. Local Section volunteers hosted a booth (behind home plate) at the San Diego Festival of Science and Engineering Expo Day held at PETCO Park on March 21st. This event drew thousands of school children and their parents for a fun day of hands-on learning and demonstrations. Local Section volunteers also judged science projects at the 60th Annual Greater San Diego Science and Engineering Fair held at Balboa Park Activity Center March 24-29th. Last but not least, Earth Day – Earthfair 2015, will be held at Balboa Park on April 19th. Volunteers and attendees can find out more at http://www.earthdayweb.org. If you have not yet volunteered at any of these events, they are a great way to become active in the Section and to spread enthusiasm for science with the next generation.

Interesting lectures in the coming weeks include a lecture on April 7th from Dr. Barbara Sawrey, Associate Vice Chancellor for Academic Affairs and Dean of Undergraduate Education at UCSD, who will be speaking at SDSU on advances in science education. The 5th Annual SABPA/ACS Chemistry Symposium will be held on April 10th at Knobbe Martens Olson & Bear LLP and will feature lectures by Dr. Shifeng Pan, Director of Medicinal Chemistry at GNF, and Professor John Hartwig from UC Berkeley. April 15th brings the inaugural ACS-West Coast Analytical Chemistry Symposium to Dart Neuroscience. This event will highlight early career analytical scientists and the cutting edge research that they are performing here in San Diego and a keynote lecture by Professor Gary Siuzdak, Director of the Center for Metabolomics and Mass Spectrometry at TSRI.

The next Executive Committee meeting will be on Thursday, April 2nd. If you would like to become more involved in the San Diego ACS or have an idea for an event, please join us. Also, our outreach activities are largely funded by the generosity of our general sponsors (see the front page of our website www.sandiegoacs.org). If your company would like to support these outreach events, it would be greatly appreciated by the thousands of students we reach every year. 2015 is off to a great start and I hope to see you at one of our upcoming events. Please feel free to contact me if you would like additional information about any of our events or volunteering opportunities.

Ben Pratt
2015 Chair
American Chemical Society – San Diego Section
E-mail: bpratt@sandiegoacs.org
Web: www.sandiegoacs.org

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.

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 Mahalia 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 2015

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Meetings will be held at: 9381 Judicial Drive, Suite 160 San Diego, CA 92121

CHAIR NOTES

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DIRECTIONS:
From Interstate 8
Take College Ave Exit and head South
Turn left at the traffic light on College Ave immediately after the I-8 exit ramp
Turn right immediately and enter Level 1 of Parking Structure 1 (PS1).
Park in any F/S slots on Level 1 or Level 2 (no need to buy a parking permit for this event)
Take the parking structure elevator to the top (6th) floor
Walk across the pedestrian bridge over College Avenue
Turn right on Aztec Circle Drive and walk 5 minutes towards the Shiley Bioscience Center

ABOUT THE SPEAKER:
Barbara Sawrey is the Associate Vice Chancellor of Academic Affairs and Dean of Undergraduate Education at UC San Diego. She received her B.S. in Chemistry from Baldwin-Wallace College in Ohio, and then worked as a chemist in the flavor and fragrance industry for a number of years. She earned her Master's degree from San Diego State University, and her Ph.D. in physical inorganic chemistry jointly from UC San Diego and San Diego State University. She has been on the faculty of UC San Diego in the Department of Chemistry & Biochemistry since 1984, where she is a Distinguished Teaching Professor. She served as the departmental Vice Chair for 13 years until making the move to administration in 2007. She has won a number of teaching awards on campus, including the 1997 Academic Senate Distinguished Teaching Award, and the UCSD Alumni Award for Distinguished Teaching in 2004. She was the 2002 recipient of the national American Chemical Society Award for Encouraging Women into Careers in the Chemical Sciences, and the 2011 recipient of the Pinnacle Award for an Individual in Education, from Athena, San Diego. She is a member of the Board of Governors of The San Diego Foundation, the Board of Directors and a Fellow of the American Chemical Society, the Board of Directors of the National Conflict Resolution Center, and the Board of Governors of the Gemological Institute of America.
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       12790 El Camino Real, San Diego, CA 92130

SPONSORS:

ONLINE http://sabpa.org/html/acschem5/
REGISTRATION: By Thursday, April 9, 2015

Dr. Shifeng Pan, Ph.D., Director of Medicinal Chemistry, Genomics Institute of the Novartis Research Foundation (GNF)

Dr. Pan currently serves as Director of Medicinal Chemistry at the Genomics Institute of the Novartis Research Foundation (GNF), where he is responsible for medicinal chemistry efforts at the Institute. He leads a team of ~80 chemists who are working to discover small molecule therapeutics and drug conjugates across multiple disease areas. Since joining GNF in 1999 as one of the founding chemists, he has directly contributed to five clinical candidates. Among those, LDE225 (sonidegib), a smoothened antagonist, is in registration for advanced basal cell carcinoma; BAF312 (siponimod), a S1P1/5 agonist, is in Phase 3 clinical trials for secondary progressive multiple sclerosis and Phase 2 clinical trials for polymyositis and dermatomyositis; LGX818 (encorafenib), a B-Raf inhibitor, is in Phase 3 clinical trials for melanoma; and WNT974, a first-in-class Porcupine inhibitor, is currently in Phase I trials for solid tumors. In 2010, he received the prestigious VIVA award as a Novartis Leading Scientist. Dr. Pan received his Ph.D. in organic chemistry from New York University and B.S. in chemistry from Fudan University in Shanghai, China.

Professor John F. Hartwig, Ph.D., Henry Rapoport Professor of Chemistry, U.C. Berkley

John Hartwig was raised near Schenectady, New York, received his A.B. from Princeton University, obtained his Ph.D. from U.C. Berkeley with Bob Bergman and Richard Andersen, and conducted a postdoctoral fellowship at MIT with Stephen Lippard. In 1992 he began his independent career at Yale University and became the Irenée P. DuPont Professor in 2004. In 2006, he moved to the University of Illinois where he was the Kenneth L. Rinehart, Jr., Professor of Chemistry. In 2011, he returned to U.C. Berkley as the Henry Rapoport Professor. Professor Hartwig's research focuses on the discovery and understanding of new reactions catalyzed by transition metal complexes. In addition to C-H bond functionalization with main group reagents that is the subject of his lecture, he is well known for contributions to cross-coupling chemistry that form arylamines, aryl ethers, aryl sulfides, and α-aryl carbonyl compounds. He is the author of the textbook “Organotransition Metal Chemistry: From Bonding to Catalysis.” He has received numerous awards, including an A.C. Cope Scholar Award, the ACS award in Organometallic Chemistry, the H.C. Brown Award for Synthetic Methods, the Nagoya Gold Medal, and the Willard Gibbs Medal. He was elected to the National Academy of Sciences in 2012.
ACS-West Coast Analytical Chemistry Symposium

The ACS-West Coast Analytical Chemistry Symposium is a discussion group formed by San Diego analytical chemists in partnership with the San Diego Section of the American Chemical Society (ACS) to provide a scientific forum for open discussion of current and future trends in analytical chemistry and opportunities to present current research, and to interact with like-minded scientists within the San Diego Community.

**When:** Wednesday, April 15, 2015, from 9:00 a.m. – 5:00 p.m.
**Location:** Dart NeuroScience, 12278 Scripps Summit Drive, San Diego, CA 92131
**Cost:** Free!
**Registration:** https://acs-west-coast-analytical-chemistry-symposium.eventbrite.com

**Keynote Speaker:**
Gary Siuzdak, TSRI, Professor and Director
Center for Metabolomics and Mass Spectrometry

**Mass Spectrometry-Based Metabolomics: Siri of the Cell**

**Program:**

- Chris Kirchner, Arena Pharmaceuticals, Inc.
  - Quantitative NMR

- Gerard Rosse, Dart NeuroScience
  - Super Critical Fluid Chromatography as the Prevailing Purification Technique in Modern Medicinal Chemistry

- Yinong Zhang, Dart NeuroScience
  - SFC-MS Chiral Separations Platform in Support of Drug Discovery

- In-Hee Park, Novartis Institute
  - Genomics/Proteomics/Informatics Complementary Approach to High Confident Reconstruction of Antibody V-Region Sequence

- David Master Moore, Millenium Health, LLC
  - The Role of High Throughput LC-MS/MS in Clinical Toxicology

- Loanne Chung, Pfizer, Inc.
  - Developing Novel SFC Columns into Mainstream Successes and Synthetic Illicits

- Chris Devore, Neurocrine Biosciences, Inc.
  - Advantages of UPLC-MS and Charged Aerosol Detection in High Throughput Compound Analysis

- Hanghui Liu, Senomyx, Inc.
  - Transient Ion-Pair Separation (TIPS) - Electrospray Mass Spectrometry (ESI-MS)

**Posters:**

Dart NeuroScience, Novartis Institute, Takeda San Diego, UCSD

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Each attendee will receive a ticket for the raffle drawing. The Grand Prize is a registration fee waiver (valued at $750!) for the Conference on Small Molecule Science (CoSMoS, www.cosmoscience.org) held in San Diego from August 17-19, 2015.

Hope to see you at this inaugural event!
The American Chemical Society cordially invites you to the

ACS Entrepreneurial Showcase

Tuesday, April 21, 2015 | 8:00 am Janssen Research & Development
3210 Merryfield Row | San Diego, CA 92121

This pitch event for chemistry-related, early-stage companies will feature:

- Therapeutics
- Diagnostics
- Materials
- and more

RSVP to attend or watch live: www.acs.org/erc

Sponsorship opportunities available Contact Star Silva: s_silva@acs.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 in Balboa Park annually for the past 27 years. It features live stage demonstrations and interactive booths that teach kids about applied science. Last year over 1000 local students participated!

**Monarch Elementary School Program** - This unique school accommodates children who are impacted by homelessness, and who would otherwise have little or no exposure to hands-on science.

**EarthFair** – We participate in the world’s largest free annual environmental fair, held in Balboa Park.

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**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: **Gulin Erdogan**, Chair, Fundraising Committee, gerdogan@sandiegoacs.org

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**CALL FOR VOLUNTEERS**

**EarthFair 2015 - Sunday, April 19, 2015**

Balboa Park • 10am - 5pm

San Diego ACS volunteers will set up a table in the Children's Activity Area. This special area has crafts, games, face painting, storytelling, and hands-on activities for children of all ages. Activities are intended to educate, entertain and inspire youth, in the spirit of Earth Day.

Please contact **Julann Miller**, jmiller@sandiegoacs.org, if you can take a 3-hour shift on April 19th and share your care for our earth.

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**SHARE SCIENCE AS A CHEMISTRY AMBASSADOR**

Become a compelling spokesperson for your profession, whether you have a lot of time, or a little. Present ACS’s many and excellent resources to the audiences they are intended to serve. Connect with the people who live in your community.

By becoming a Chemistry Ambassador you can help educate people about the importance of chemists and chemistry while taking part in community activities that are engaging and fulfilling for you. The suggestions and tools in this program are largely designed for individuals on their own schedules, but there are resources for local section programming as well. Who better to represent chemistry in the community than our 161,000 members?

**Sign up** now to receive additional information and resources.

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**ACS-Hach Scholarships**

**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:** Ends April 16th

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**“Keeling Curve” National Historic Chemical Landmark**

Charles David Keeling was the first to confirm the accumulation of atmospheric CO₂ by very precise measurements over an extended span of years commencing in 1958 that produced a data set now considered one of the basic documents of climate change research. This “Keeling Curve” provided irrefutable evidence of the need to mitigate the contribution of human activity in the production of atmospheric CO₂. Please see:


The National Historic Chemical Landmark will be recognized at the Scripps Institution of Oceanography, UC San Diego, on June 12, 2015, and in a separate ceremony at NOAA’s Mauna Loa Observatory. More information is available at www.acs.org/landmarks.

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**Online Leadership Training**

For more information, please see ACS Leadership Development System® self-paced online courses. They may be taken as part of a full track or stand-alone activities. For ACS members, the course rate is $25 - try one today!

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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

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Some of the ACS - San Diego Section Ambassadors
Donna Blackmond, Professor of Chemistry at the Scripps Research Institute in La Jolla, spoke on Tuesday March 17th about a puzzle that lies at the very core of all life on Earth. The amino acids that form the building blocks of life come in two forms: a left-hand and a right-hand version. But nearly all living organisms use only the left-handed form.

Professor Blackmond discussed her research on proposed mechanisms for enantioenrichment that include either chemical or physical processes, or a combination of both. These processes might explain how a prebiotic world, with left- and right-handed molecules present in equal numbers, could turn into a living world where biomolecules favor one chiral form. The driving force for this work arises from an interest in understanding the origin of life, because the homochirality of biological molecules is a signature of life.

This fascinating subject had the packed auditorium enthralled and initiated some lively discussion.
Hire UC San Diego

The brightest and the best in biotech are at UCSD!
Identifying and developing the right talent is more important than ever - and getting a jump on the competition is essential. By participating in one of UC San Diego's job and internship fairs is an efficient and effective way to meet some of the most capable bioscience talent in the world, while building your companies brand and reputation at a top-10-ranked (worldwide) research university! UCSD welcomes hundreds of cutting-edge companies recruiting undergrads, graduate students, postdocs, MBAs, and experienced UCSD grads to fill thousands of internship and full-time positions worldwide. Weather a startup, non-profit, or multi-national, you will have the opportunity to connect with top talent interested in helping you make an impact in society.

Upcoming

2015 Triton Spring Job & Internship Fair
Wednesday, April 8, 2015, 10am-2.30pm -- UC San Diego
Register today to save your spot in the new, exclusive "Biotech/pharma neighborhood!"
Fees: $300 for startups and non-profits; $700 general (prior to March 13)
Register at http://career.ucsd.edu/employers/job-fairs.html
Post a job or internship for free at http://career.ucsd.edu/employers/index.html

Companies that regularly visit UCSD, Pfizer, 38J, Illumina, Genentech, Baxter, Organovo, Pharmatek Labs, NuVasive, Thermo Fisher Scientific, Becton Dickinson (BD), Janssen Labs, Kaiser Permanente, The Scripps Research Institute, Synthetic Genomics, Human Longevity, among many others.

Triton Corporate Partnerships now available
Build a comprehensive and strategic relationship with the campus and UCSD community that will meet your goals and return on time and investment. Learn more about UCSD's new and beneficial Triton Corporate Partnership or at http://career.ucsd.edu/employers/partnership-program-benefits.html

Contact
If you are a recruiter, or an alumna/us and your company is not currently recruiting at UC San Diego, please register above and/or contact Joe Cribari, Associate Director Industry & Alumni Relations to receive support in connecting your organization with the campus, community, and top Triton talent. Joe Cribari at jcribari@ucsd.edu

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**SHARE YOUR IDEA AND TRAVEL TO BERLIN**

CHEMISTRY FOR YOU AND YOUR KIDS

How To Give Pepper Some PEP!

You will need

- Eye Protection
- 8-oz cup or small bowl
- black pepper
- baby powder
- liquid dish detergent

Safe Science Tip: Both baby powder and pepper can irritate eyes, nose, and throat. Shake both the pepper and the baby powder away from your face.

1. Fill the cup with water and cover the surface of the water with a thin layer of pepper.
2. Place a drop of detergent in the middle of the pepper. Describe what happens. Does any pepper sink or does it just move? What do you think is making the pepper move? Put a second drop of detergent in the water. Does the pepper do the same thing again? Why or why not?
3. Wash out the cup very well, but this time put baby powder on the water instead of pepper. Add a drop of detergent as in step 2.

Panelists Needed!!!

The Association for Women in Science, San Diego Outreach Committee, invites you to be a panelist in our STEM career panel for undergraduate and high school upper-class women called "Exploring Careers in Science and Engineering: A Day for Undergraduate and High School Women".

This Career Panel is geared towards fostering Undergraduate/High School Junior/Senior Women's interests in STEM field. The event is Saturday, April 25th from 10am-2pm at the Del Lago Academy in Escondido

We expect about 40 girls to attend and are hoping to recruit 10-12 women panelists. The day will start with a panel discussion followed by a sit-down meal where girls will be able to ask questions about STEM careers and interact informally with panelists.

More event details are listed on the AWIS website here: http://www.awissd.org/index.php/all-events/events-calendar/102-2015-03-11-22-43-44

If you are interested in participating in this event as a panelist, please go to: https://awiscareerpanel.wufoo.com/forms/z1o7o6zx13liqoz/
Or if you know someone who would be a great panelist, please forward this message on to them. If you have any questions please contact Lauren or Diane at awiscareerpanel@gmail.com

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Or if you know someone who would be a great panelist, please forward this message on to them. If you have any questions please contact Lauren or Diane at awiscareerpanel@gmail.com

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**Eligibility:** anyone under 35 years of age

Apply online at www.falling-walls.com/lab by May 30, 2015

June 20, 2015 at 10 am, HSEC Auditorium, UCSD campus

Questions? cdegracialux@ucsd.edu; j1moore@ucsd.edu

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Excerpt: "The Best of WonderScience, pg. 125

Why do you think it acts this way?

What happens this time? Is it different from the pepper?

in step 2.

on the water instead of pepper. Add a drop of deterg ent as

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What happens this time? Is it different from the pepper?

Why do you think it acts this way?
Drugs & Diagnostics for Tropical Diseases (DDTD) is a non-profit biotech organization, with a mission “to discover new treatments and diagnostics for neglected tropical diseases”. We believe that everyone deserves access to better healthcare.

ALL PROCEEDS WILL FUND RESEARCH FOR TROPICAL DISEASES

JAM 2015 will feature San Diego legend, jazz guitarist Peter Sprague and New York’s award winning vocalist Nhojj

Sunday April 26th, 4 pm.
Qualcomm “Q” Auditorium, 6455 Lusk Boulevard, San Diego, CA 92121.
Ticket prices are $30-$40 and tax-deductible.
For tickets or to make a donation please visit us at www.ddtd.org.

Drugs & Diagnostics for Tropical Diseases (DDTD) is a non-profit biotech organization, with a mission “to discover new treatments and diagnostics for neglected tropical diseases”. We believe that everyone deserves access to better healthcare.
Treasurer's Report - Since last meeting received $10,500 in sponsorships; $3,500 in donations for Analytical Conference; distributed $5,000 to Project SEED (equal amounts to two institutions); YTD $2,500 in surplus; receivables at this time: $21K (includes allotment from National); currently in checking & savings $17K expecting ~$12K expenses for councilor travel; Section has $325K in financial assets; taxes due May 15
Motion: Maintain Section dues at $10 and opt-in for National to collect with dues - Approved

February Monthly Seminar - Mike Burkhart of UCSD - 75 attending
March Monthly Seminar - Donna Blackmond speaker @ The Scripps Research Institute – Keck Auditorium; posting announcements on social media
SD Festival of Science & Engineering - Coming in ~2 weeks, still looking for volunteers for exhibit

Greater SD Science and Engineering Fair – March 25, need judges, ~noon – 3 p.m.
USCD Career STEM Symposium – Mar. 21, Organized by UCSD Postdoctoral Association, in Roth Auditorium, Mark will attend to represent ACS
Chemistry Olympiad - To be held Mar. 21-22, @ USD by Debbie Tahmassab

April Monthly - April 7, Barbara Sawrey, Advances in Education, @ SDSU
SABPA / ACS - April 10, @ Knobbe Martens Olson & Bear
Innovative Program Grant – Grant was seed funding for West Coast Analytical Chemistry Symposium

May Monthly Meeting – Working to confirm speaker and date, monthly meeting with WCC co-sponsorship

Picnic – June 28, traditional menu
National Historical Landmarks - June 12 Scripps Day – Scripps Institution of Oceanography Historic Designation to commemorate Keeling Curve
MedChem – July 17, 18th Edition, 3 industry, 3 academic speakers; considering speakers’ dinner for speakers to become acquainted
Community Outreach – Approached by high school teacher from Del Lago Academy requesting venues to have tours; recommend Isis or Genentech, which have been helpful in the past

Sponsorships - Have received some new sponsors as indicated in Treasurer’s report
Project SEED - Split money between USD and TSRI

Student Affiliates SoCal Research Conference – April 11 @ UCSD, featuring talks by undergrads from San Luis Obispo to San Diego
Motion: Donate $500 from Section for this event, 13 yea, one abstain - Approved

ACS National Meeting – All councilors planning on attending National Meeting in Denver; Desiree planning to represent Section at Western Region Steering Committee Meeting; Section should begin discussion with National regarding plans for 2016 National Meeting in SD

Outreach Volunteer of the Year – Awarded to Tom Beattie (also submitted as National Volunteer of the Year)

Long-term Planning – Hawaii Section et al. trying to organize a cultural exchange event at PacifiChem in December; Section reaches 75th Anniversary in 2016; time to start planning if San Diego to host WRM in 2019

Next meeting: April 2nd
Don’t Miss NERM 2015
Abstract submissions, registration, and housing reservations are now open for the 40th ACS Northeast Regional Meeting (NERM), June 10-13, 2015, hosted by the ACS Cornell Section, at Ithaca College, Ithaca, NY. Program details, registration, housing, and all the latest meeting information can be found on the NERM 2015 website. Register today, and join us in June!

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
Linda Woods  lwoods@sdccd.edu
619-388-7434

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@sandiego.edu
619-260-4030

Submit Abstracts, Book Housing Now for Pacifichem 2015 in Honolulu
for the seventh International Chemical Congress of Pacific Basin Societies (Pacifichem 2015), December 15-20, 2015, in Honolulu, HI. Submit your abstract today (deadline - April 3). Housing reservations are now open as well; registration opens June 25. Please visit http://www.pacifichem.org/

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

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

SENIORS/RETIREES/CONSULTANTS/ETC. BREAKFAST
Coco’s Bakery Restaurant
4280 Nobel Drive, San Diego, CA 92122
Tuesday, April 7, 2015 at 9:30 AM

BARBARA SAWREY, PHD
Associate Vice Chancellor for Academic Affairs and Dean of Undergraduate Education
University of California, San Diego
Tuesday, April 7, 2015

5th SABPA/ACS CHEMISTRY SYMPOSIUM
Knobbe Martens Intellectual Property Law
12790 El Camino Real, San Diego, CA 92130
Friday, April 10, 2015

ACS-WEST COAST ANALYTICAL CHEMISTRY SYMPOSIUM
Dart NeuroScience, 12278 Scripps Summit Drive, San Diego, CA 92131
Wednesday, April 15, 2015, from 9:00 a.m. – 5:00 p.m.

EARTH DAY - EARTHFAIR 2015
Balboa Park, San Diego, CA
http://www.earthdayweb.org/
Sunday, April 19, 2015

ACS ENTREPRENEURIAL SHOWCASE
Janssen Research & Development
3210 Merryfield Row, San Diego, CA 92121
Tuesday, April 21, 2015

SUMMER PICNIC
San Dieguito County Park, Solana Beach
Sunday, June 28, 2015

FIFTY-/SIXTY-YEAR MEMBER RECOGNITION LUNCHEON
Saturday, July 11, 2015
Vi at La Jolla Village
8515 Costa Verde Blvd., San Diego, CA 92122

18TH ANNUAL SAN DIEGO MEDCHEM SYMPOSIUM
Price Center Theater at UCSD
Friday, July 17, 2015

250TH ACS FALL NATIONAL MEETING & EXPOSITION
Boston, Massachusetts
August 16-20, 2015

CHEMEXPO
THEME: Exploring the Chemistry of Dyes, Pigments and Light
San Diego Miramar College, 10440 Black Mountain Road, San Diego
Saturday, October 24, 2015

HOLIDAY PARTY
The Butcher Shop
5255 Kearny Villa Road, San Diego, CA 92123
Thursday, December 3, 2015

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

Keaton Barr  Haley Irving  Jasmine Myles
Parker Beatty  Luyong Jiang  Patrick Papa
Jessica Bell  Ellen Johnson  Jordan Reader
Christopher Bussineau  Brian Lamb  Sheena Runas
Taylor Cornwall  Hanna Larson  Tabitha Schempp
Kyle Dornhofer  Christopher Leber  Christian Smith
Nathaniel Finney  Ariel Lewis  Myles Smith
Afton Hiscox  Jan Maciejewski  Matthew Steinhaus
Wanxin Huang  Timothy Merkel  Luiza Templeton
Yu-ming Huang  Peter Mesich  Elizabeth Winzeler
2015 EXECUTIVE COMMITTEE & COMMITTEE MEMBERS
SAN DIEGO SECTION OF THE AMERICAN CHEMICAL SOCIETY

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Chair  Ben Pratt, Akarna Therapeutics, bpratt@sandiegoacs.org (2015) 858-945-7893
Chair-Elect  Graeme Freestone, Dart NeuroScience LLC, gfreestone@sandiegoacs.org (2015) 858-246-8137
Past-Chair  Mark Tichenor, Janssen Pharmaceuticals, Inc., mtichenor@sandiegoacs.org (2015) 858-334-8914
Secretary  William Tolley, Seacoast Science, Inc., b_tolley@juno.com (2015) 858-780-0978
Treasurer  Bill Szabo, bszabo1@san.rr.com (2015) 858-550-0306

COUNCILORS
Thomas R. Beattie (2015) 858-587-1210
Hui Cai, WuXi AppTec (2016) 858-361-8838
Desiree Grubisha, CSUSM (2015) 858-254-5497
John Palmer, UCSD (2017) 858-534-5906
Ken Poggenburg (2016) 760-635-2573

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Paul Bruinsma, Hewlett-Packard Company (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) 619-269-0117
Ruo Steensma, Steensma Consulting, Inc. (2016) 858-205-9371

MEMBERS-AT-LARGE
Ryan Clark, Inception Sciences, Inc. (2017) 858-774-2095
Gulin Erdogan, Vertex Pharmaceuticals (2015) 619-540-8321
Mark Rosen, Aetheria Therapeutics (2017) 858-692-0639
Patrick Andrew Staley (2015) 858-483-4297

STANDING & SPECIAL COMMITTEES

Awards Nomination Committee
Thomas R. Beattie (Chair) 858-587-1210

ChemExpo
Paul Bruinsma (Chair), Hewlett-Packard Company 858-655-8322
Julann Miller, Waters Corporation 800-252-4752 x6802

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Desiree Grubisha, CSUSM 858-254-5497
Ken Poggenburg 760-635-2573
David Wallace, Wallace Scientific Consulting 858-638-1866

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Tom Beattie 858-587-1210
Graeme Freestone, Dart NeuroScience LLC 858-246-8137

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Ken Poggenburg 760-635-2573

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MedChem Symposium
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Mark Rosen, Aetheria Therapeutics 858-692-0639

Nominations Committee
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Picnic Committee
Jim Shih, Eli Lilly & Co. 619-269-0117

Professional Development Committee
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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
Gulin Erdogan (Chair), Vertex Pharmaceuticals 619-540-8321
Abhi Sharma, Drug Delivery Experts 619-807-9044
Jayashree Srinivasan, Accelerate-Research 619-826-8004

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