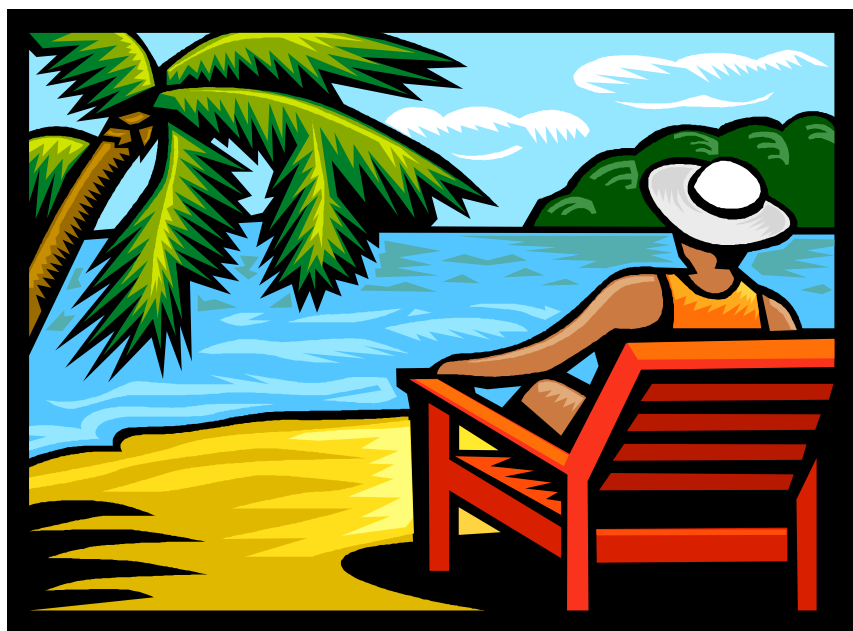

THE SAN DIEGO CHEMIST

American Chemical Society
Volume 22, Number 8

San Diego Section
August 2010

There will not be a monthly seminar in August. We wish our members, their families and friends a safe, healthy and relaxing summer!



Dear Members and Friends,

Last month I hoped that, with luck, June gloom was behind us and we're heading into another great California summer. Given the gray and gloomy weather over the past month, I thought that I should perhaps not make any more wishes for the upcoming year. Still, I'm looking forward to another fun month of ACS activities. We've already had quite a full summer with the San Diego ACS family picnic in late June, as well as the 50-and 60-year members recognition banquet at Tom Ham's Lighthouse on July 11th.

Our July seminar actually is a wonderful series of medicinal chemistry talks at UCSD at the Price Center on July 27th. Organized by the indefatigable Drs. Thomas Beattie of the San Diego ACS and Emmanuel Theodorakis of the UCSD Department of Chemistry and Biochemistry, this year's program looks to be excellent as usual.

August will be a slow month for the Local Section as we catch our breath for the fall and enjoy ourselves at the National ACS meeting in Boston. We invite you to attend our board meeting on August 5th at Pharmatek, and to think about how you can contribute to the Local Section to make 2011 as successful as 2010. We're taking nominations for elected positions on the board at this time, and we welcome everyone who wants to be involved regardless of whether you're looking to be elected to a position or not. If you are interested in running for a position on the San Diego board, please contact myself at rsmith1@illumina.com or our secretary, Bill Tolley, at b.tolley@juno.com.

With that, I'll go ahead and wish everyone a great summer, and hope that my good wishes don't go astray.

Randy Smith, PhD - Chair 2010

Obituary



Harvey Iano, who would have been recognized on July 11, 2010, at the *Fifty-and Sixty-Year Member Recognition Luncheon* for having been an ACS member for 60 years, has died. Best known for his ground-breaking work with Linus Pauling on the separation of sickle cell and normal hemoglobins, Harvey was an accomplished protein chemist who made numerous contributions to our understanding of the genetics, biochemistry and physiology of hemoglobinopathies.

Harvey was a chemistry major at UC Berkeley, where he was elected to Phi Beta Kappa and Sigma Xi. In 1942 the faculty chose him for the Gold Medal awarded to the best student of that year's graduating class. Unhappily, he was unable to graduate with his class, having been interred along with thousands of other Japanese Americans that year in detention camps. President Sproul, in addressing the graduates, remarked: "Harvey cannot be with us today. His country has called him elsewhere."

As it happened, a Quaker organization fought for the release of highly qualified students like him, and late that summer he was released on the condition that he enroll in a Midwestern medical school. He attended St. Louis University School of Medicine, obtaining his MD in 1945. But his first love was chemistry, and, with the war over, he promptly enrolled at Cal Tech, where he received his PhD in Chemistry and Physics in 1950. He spent the next 20 years as a US Public Health Fellow at the NIH, mostly working on hemoglobin.

In 1970 he moved to UCSD. Although he was in the Dept. of Pathology, his laboratory was actually in the Chemistry Research Building where he felt at home with fellow chemists.

Harvey was a loyal and sustaining member of the ACS who up until the time of his death looked forward to the arrival of *C&E News* each week to keep abreast of what was happening in this rapidly changing world.

He was also a proud American. He never expressed any overt unhappiness about the circumstances of 1942. There is just a touch of irony, however, that because of his 20 years of service in the U.S. Public Health Service, he was eligible for burial at Fort Rosecrans National Cemetery and was laid to rest there late in May.

Russell Doolittle, Professor Emeritus
Department of Chemistry and Biochemistry, UCSD

THE SAN DIEGO CHEMIST is published by the *San Diego Section of the American Chemical Society* on a monthly basis and can be viewed at <http://www.sandiegoacs.org/newsletter/>.

Our membership is about 3000 chemists, biochemists, and chemical engineers and covers the counties of San Diego and Imperial.

TO OUR READERS AND ADVERTISERS –

The San Diego Chemist is the official e-newsletter of the American Chemical Society San Diego Section. All contents are published at the discretion of the Section executive board. Events sponsored by the Section are published gratis. 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. Further information regarding events also is available on the Section web page at <http://www.sandiegoacs.org/>

SECTION E-MAIL LISTSERVER!

Get up-to-the-minute reminders of local events and develop dialogs with your fellow members! To subscribe to our moderated listserver:

- 1) Type the following URL in your browser and go to this site:
<http://lists.ucsd.edu/mailman/listinfo/sandiego-chemist-l>
- 2) Follow the instructions to insert your name, e-mail address, preferences, etc., and enter SUBSCRIBE.
- 3) When 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.
- 4) You will receive reminders approx. 5-7 days prior to upcoming events and messages of general interest to members.
- 5) To send questions/topics for discussion, or informational items to the listserver members, send the message to sandiego-chemist-l@ucsd.edu.
- 6) 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".



International Year of
CHEMISTRY
2011

The International Year of Chemistry 2011 will coincide with the 100th anniversary of the Nobel Prize awarded to Madame Marie Curie - an opportunity to celebrate the contributions of women to science.

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.

Please contact Steve Gwaltney for further information:

Stephen L. Gwaltney, II, Ph.D.
Chair, Fundraising Committee
Takeda San Diego
10410 Science Center Drive, San Diego, CA 92121-1125
Tel: 858-731-3562; fax: 858-550-0526
sgwaltney@takedasd.com

The San Diego Section of the American Chemical Society would like to thank our Corporate Sponsors

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Bronze Level Sponsors



**2011 SAN DIEGO ACS LOCAL SECTION
ELECTIONS ARE COMING!**

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 • 3 Councilors • 2 Alternate Councilors • 3 Members-at-Large

Councilors, Alternates and Members-at-Large are three-year terms and all incumbents may succeed themselves. We encourage active participation of our members. Please contact:

Chair Randall Smith, rsmith1@illumina.com or call 858-405-4462.

If you are interested in becoming involved in the San Diego ACS Section and want to make a self-nomination as a candidate for an elected position, please contact:

Chair Randall Smith, rsmith1@illumina.com or call 858-405-4462.

Note: Voting will again be done electronically

We will use your e-mail address on record for the ACS. If you wish to receive a paper ballot instead, please call or e-mail Jackie Trischman, Election Coordinator, at 760-750-4206 or trischma@csusm.edu by Monday, November 1st, and leave your name and mailing address. You will be mailed a paper ballot.

If you do not request a paper ballot, you will receive instructions on how to vote via e-mail. Please be sure your e-mail address on file with the ACS is current! To update your email address with the ACS, use www.chemistry.org.

CHEMISTRY FOR YOU AND YOUR KIDS

A Plaster Master or . . .

The calcium in your bones and teeth, and the calcium found in most products, is connected to other chemicals. One of the most common chemicals connected to calcium is called carbonate. Together, the calcium and the carbonate make a chemical called calcium carbonate. Calcium is also often connected to a chemical called sulfate, and together they make a chemical called calcium sulfate. Both these calcium chemicals are used to make cement, Plaster of Paris, and similar building materials that need to start off soft and then harden. In the activity below, you can experiment with the hardening of these chemicals in Plaster of Paris.

You will need

Eye protection - Plastic disposable gloves - Paper - Masking tape - Pencil or ball-point pen - Newspaper or paper towels - Plaster of Paris (contains calcium carbonate and calcium sulfate) - Plastic straws - Salt - Ruler - Warm water - Clock or watch - Tablespoon - Teaspoon - 4 5-oz paper or plastic cups

Be sure to follow all precautions on the Plaster of Paris label.

1. Use your sheet of paper to make a chart like the one below. Cover your work area with newspaper or paper towels. Use your masking tape and pen to label your four cups salt water, salt water plaster, fresh water, and fresh water plaster.
2. Add 1 tablespoon of salt to the salt water cup. Add 3 tablespoons of warm water and stir until no more salt will dissolve. Place 3 tablespoons of warm water in the fresh water cup.
3. Use your ruler and tablespoon to measure one level tablespoon of Plaster of Paris powder into each of your other two empty labeled cups. With your adult partner's help, add 1 teaspoon of salt water to the salt water plaster cup and mix thoroughly with a new straw. Now add 1 teaspoon of fresh water to the fresh water plaster cup and mix thoroughly with a new straw.
4. Ask your adult partner to help make your mixtures a little thinner or thicker by adding a little more salt or fresh water or a little Plaster of Paris powder until your mixtures are like dough that can be molded.

TEST	1	2	3	4
Salt water				
Fresh water				

5. You and your adult partner should put on your gloves and scrape the Plaster of Paris out of both cups. With the help of your adult partner make 4 small balls from the salt water plaster and four from the fresh water plaster so that they are done at the same time. Try to make all the balls the same size. Place the balls on the sheet of paper as shown.

TEST	1	2	3	4
Salt water	●	●	●	●
Fresh water	●	●	●	●

6. After all the balls are on the paper, wait 3 minutes and then gently place one index finger on the top of the salt water plaster ball and the other index finger on top of the fresh water plaster ball under test 1.
7. Push down gently on both plaster balls. Does either ball seem to have hardened at all? Continue to push until the plaster balls squish or break apart. Pick up pieces from each ball and see how they feel. Do you notice a difference between them? Write down your observations on your chart.
8. When you finish recording your observations, wait 3 more minutes and then test the salt water and fresh water plaster balls under Test 2 in the same way. Does one feel harder than the other? How do the test 2 plaster balls compare to the Test 1 plaster balls. Look closely at the balls when they squish or break apart. Pick up some pieces and feel them. Record your observations about the Test 2 plaster balls.
9. Wait another 3 minutes and test your Test 3 plaster balls and then another 3 minutes and test your Test 4 plaster balls in the same way. What is the main difference between them? What do you think causes them to feel the way they do?

Excerpt: "The Best of WonderScience," pg. 154, Delmar Publishers, 1997.

ACS Webinars

Are you taking full advantage of your ACS membership? Are you keeping your work skills current? Are you aware of the many training webinars offered? For information please look at offerings at http://boilthisdown.org/?page_id=385.

Sign up to receive notices of the various training webinars offered by your Society!

Law Committee Event

Title: Freedom to Operate in the Chemical Arts
Organizer: American Chemical Society, San Diego Section Law Committee
Date: Tuesday, July 27, 2010
Time: Registration: 5:30-6:00PM
Program: 6:00-8:00PM
Venue: Sanford-Burnham Medical Research Institute, Building 12 Auditorium
RSVP: By July 22, 2010 to <http://sandiegoacslaw2010.eventbrite.com/>

For more information, please contact Don Lewis at dlewis@sandiegoACS.org.

Program:

6:00-6:30PM

Non-Conforming FTO Assessments

- Integrating FTO landscape assessments into the chemistry discovery process
- Speaker: David Wallace (Consultant)

6:30-7:15 PM

Preparations for Launching a New Product

- Acquiring freedom to operate in a contentious market
- Types of FTO opinions
- Mechanics of drafting FTO opinions
- FTO chemical searches
- Costs

Speaker: Don Lewis (Lewis Kohn & Fitzwilliam)

7:15-8:00PM

Post-Launch Considerations

- Uses of FTO opinions during litigation
 - Judicial standards for FTO opinions
 - Selling the company: Preserving attorney client privilege for FTO opinions during IP due diligence
- Speaker: Jennifer Bush (DivX, Inc.)

ANNOUNCING CHEM EXPO 2010

The San Diego Section of the American Chemical Society (ACS) will celebrate National Chemistry Week (NCW) by holding CHEM EXPO in the Casa del Prado Plaza in Balboa Park, on Sunday, October 31, 2010. The hours are 11 AM till 3 PM. 1500 Middle and high school students, plus parents and teachers, will participate.

CHEM EXPO features company and organization exhibit tables, demonstrations by local college chemistry clubs, 'the extra credit form', and the ever-popular raffle. As always, we need your help to make the event a success. If you would like to volunteer to help or have general questions, please contact:

Gay Olivier-Lilley at olivierlilley@gmail.com or 858-587-8283

VOLUNTEERS NEEDED!

You can be a part of this exciting event! Shifts are available for volunteers, on the day of the event, to staff various tables (e.g., welcome and raffle), judge poster entries, for set up before the event and for tear down. Volunteers are also needed to help with a mailing in late September. To volunteer and obtain additional information, please contact:

Gay Olivier-Lilley at olivierlilley@gmail.com or 858-587-8283

'COMPANY TABLES'

FREE SPACE is available for educational exhibits during CHEM EXPO. A limited number of tables are available for scientific exhibits that will appeal to, and educate, young students. Please express your interest by contacting:

Tony Bottone at tonybottone@sbcglobal.net or 858-484-6839



Next year is the International Year of Chemistry 2011! The goals of IYC 2011 are to:

- Increase the public appreciation of chemistry in meeting world needs
- Increase the interest of young people in chemistry
- Generate enthusiasm for the creative future of chemistry, and
- Celebrate the 100th anniversary of Madame Curie's Nobel Prize and the 100th anniversary of the founding of the International Association of Chemical Societies.

The San Diego Section of the ACS is planning several activities to promote IYC 2011. The environment and health are the two main areas of focus for IYC 2011. The Section will be organizing a number of events related to Green Chemistry, Biofuels, and Energy. We are looking for volunteers interested in either a) helping with the planning of one or all events, or b) volunteering to help staff and execute one or all of our events. We are planning to have one event per quarter. If you would like to help your local ACS Section celebrate the International Year of Chemistry, or if your organization is interested in partly or fully sponsoring one of our events, please contact Joanna Pool: joannapool@gmail.com.

*Summary of San Diego Section
Executive Board Meeting, July 7, 2010*

Budget (David Wallace) – Account set up with Vanguard to invest ACS funds; waiting for mechanism to get funds from National ACS; will deposit into VWENX; Tom Beattie to work with David Wallace.

Fundraising Committee (Randy Smith) – Concern with losing sponsors (Sandia the latest); Bill Szabo to organize program after discussing with Steve Gwaltney later this month; committees should coordinate all sponsorship activities with Bill Szabo; potential sponsor contact lists available from Steve Gwaltney, Julann Miller, Bill Szabo, Renate Valois and David Wallace.

International Year of Chemistry 2011 (Joanna Poole) – Planning Section activities for next year's IYC 2011, some possibly in conjunction with Dave Brown (Southwestern College); per Julann Miller, several companies are already gearing up for the celebration.

Keys to ACS Postal Box and Storage Locker (David Wallace) – Not clear who has keys; David Wallace to send out an e-mail to board and committee members to track down keys; postal box keys can not be duplicated.

Seminar Committee (Randy Smith) – Still looking for a speaker for the August monthly meeting; may not have an August meeting (but had an extra monthly meeting in June when we typically do not); Paul Maffuid has found a speaker for September.

Professional Development Committee (Randy Smith) – Ruo Steensma and Paul Maffuid are finalizing plans for 3 sessions before the end of the year.

Website/Newsletter e-Notice Committee (Randy Smith, Paul Bruinsma) – Randy Smith waiting for information from web designer PEK re: updates he requested; Randy Smith will continue as webmaster next year; Paul Bruinsma to put together a guide for using Google Docs; contact Paul Bruinsma for any problems related to Gmail; Paul Bruinsma commended for the last newsletter e-notice.

Younger Chemists Committee (Randy Smith) – Games for the kids at the June 27th picnic went well; Ken Poggenburg estimated that 65 people attended; special thanks to Tony Bottone.

Government Affairs Committee (Randy Smith) – Some discussion of Committee's fate next year considering Sonja Strah-Playnet's relocation.

Relocated Councilors (Randy Smith) – Randy Smith has spoken to Sonja Strah-Pleyne and Ved Srivastava (also relocated) about their plans for future service to the San Diego Section and National ACS; Julann Miller to head a study group to examine the Section's bylaws to see if we have, or should formulate, a policy for non-resident board members; Tom Beattie to contact ACS National for advice.

Elections (Randy Smith) – Renate Valois has drafted a list of all open positions for the elections in November; currently need to fill positions for chair-elect, 3 councilors and 2 alternate councilors; must form 2010 Election Committee, traditionally the past chair and 2 non-board members.

Mad Science (Tom Beattie) – Have completed all 22 of the spring programs; working on the fall sessions.

MedChem Symposium (Tom Beattie) – As of this morning have 137 registrants for the July 23rd event; "everything is going smoothly."

Awards Dinner (Randy Smith) – Working on confirming venue; will probably return to the UCSD Faculty Club with USD as a fallback.

50- and 60-Year Member Recognition Luncheon (Ken Poggenburg) – This year honoring 8 50-year and 7 60-year ACS members; so far 41 people have registered for the July 11th Luncheon including 5 honorees, their guests, and others; 15 have signed up in the last few days; noted Dr. Harvey Itano's recent passing; Randy Smith to pay tribute at the Luncheon and post obituary.

Senior Chemists Breakfast (Tom Beattie) – Next breakfast planned for September 8th.

Open Topic (Tom Beattie) – Section nominated for 3 National ChemLuminary Awards; winners to be announced at the ACS National Meeting in Boston on August 24th; past chair usually represents the Section in such cases but, if Hui Cai is not available, one or more councilors will attend the dinner.

Motion to adjourn (Bill Szabo) was seconded (John Palmer) at 7:55 pm.

Next Executive Board Meeting: Thursday, August 5th.

CONGRATULATIONS TO FRED HEINEKEN!

We congratulate Fred Heineken on his recent election as a Fellow of the American Chemical Society!

Fred has been a member of the ACS since 1968. He has also been a member of the ACS Division of Biochemical Technology (BIOT), whose mission is to promote the exchange of information among academic and industrial researchers. In 1996 Fred received the James M. Van Lanen Award for his contribution to BIOT.

He also served as Secretary-General of the Biotechnology Secretariat from 1994-2000, as a BIOT Representative to this Secretariat, and on the International Activities Committee from 2000 to 2009. Fred currently sits on the Divisional Activities Committee (DAC) and continues to chair the Division Councilors' Caucus (DCC). Meetings of the Caucus are held at each of the ACS National Meetings. Fred has served as a Manager on the Board of the Chemical Society of Washington, DC.

Last September, Fred retired as a Program Director for the National Science Foundation and moved to the San Diego Area. The San Diego Section of the ACS welcomes Fred to our community!



Summer Picnic – June 27, 2010



Chef Tony Bottone



Jim Shih, Elana Colby



Sous-chef Elana Colby



Nick Dwyer, Elana Colby, Julann Miller



Ken and Sheila Poggenburg



Sous-chef Jim Shih



Tom and Mary Ann Beattie



Mary Ann Beattie and Bill Szabo



Philip Skinner and sleepy Tobin



Tammy Dwyer and Debbie Tahmassebi



Wade Pathak



Tammy Dwyer and Renate Valois



Jean Wang and David Zhang



Mindy Davis and David Wallace



from left: Jean Wang, David Zhang,
Xiao-Xiong Lu and Jerry Zhao



Desiree Grubisha and Renate Valois



Jerry Zhao and Xiao-Xiong Lu



Jean Kushinsky, Ken and Sheila Poggenburg



Megan, Steve Meduna



Steve Meduna at play



Bill Szabo and Don Lewis



Tobin Skinner

FIFTY- AND SIXTY-YEAR MEMBER RECOGNITION LUNCHEON

Forty-four Local Section members and guests attended the luncheon at Tom Ham's Lighthouse Restaurant on July 11th. Chair Randy Smith honored 50-year ACS members John Kindsvater, Harold Reisman, Stephen Roeder and Craig Warren. The 60-year honorees present were Lars Helberg and Herbert Lukens, Jr. After the presentations Will Harvey paid tribute to Ken Poggenburg for his service to the Local Section and Tom Beattie talked about the next quarterly social breakfast on September 8th and extended invitations.



Chair Randy Smith addressing the guests



from left: Miriam Reisman, Ed Keller, John Kindsvater



from left: Craig Warren, Art Pounds, Tony Di Milo



Lois and Lars Helberg



from left: Bill Szabo, Tom Beattie, Ken and Sheila Poggenburg



from left: Gerry Salomon, Stephen Roeder, Barbara Sawrey, Celia Marshak



from left: Herbert Lukens, Randy Smith



from left: Craig Warren, Randy Smith



from left: Randy Smith, John Kindsvater



from left: Randy Smith, Lars Helberg



from left: Randy Smith, Harold Reisman



Listening attentively



Enjoying the conversation



from left: Craig Warren, Randy Smith



from left: Randy Smith, Stephen Roeder



Herbert Lukens



John Kindsvater



Harold Reisman




Craig Warren



Stephen Roeder



The honorees from left: Lars Helberg, John Kindsvater, Stephen Roeder, Craig Warren, Harold Reisman, Randy Smith, Herbert Lukens



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2010 ACS REGIONAL MEETINGS
45th MWRM - October 27-29, Wichita, KS
Joint 66th SWRM and 62nd SERMACS - December 1-4, New Orleans, LA

Gain A Competitive Edge with Short Courses from the ACS
In the Fall of 2010, ACS will be visiting 8 cities to bring quality training to our customers. Find out which courses are being offered in a city near you by visiting www.proed.acs.org/2010. Upcoming course locations include:

- [Boston, MA – August 21-26, 2010](#)
(in conjunction with the ACS Fall National Meeting)
- [Chicago, IL – October 5-9, 2010](#)
- [La Jolla, CA – November 1-4, 2010](#)

The ACS Office of Professional Education has dramatically revamped its website and registration system so you can find the courses you're looking for in no time. Bookmark this link today: <http://www.proed.acs.org>.

You can now search our short courses, webcast courses and ProSpectives Conferences by topic area, date, or location and even browse our full instructor list.

We are continuously investing in new course development, so if you don't see what you're looking for, just drop us a line at shortcourses@acs.org and we'll do our best to serve your technical training needs.

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 Fax 760-750-3199

Palomar College
David A. Boyajian dboyajian@palomar.edu
760-744-1150x2549 Fax 413-622-6750

Point Loma Nazarene University
Sara Choung SaraChoung@PointLoma.edu
619-849-2627 Fax 619-849-3452

San Diego Mesa College
Dwayne Gergens dgergens@sdccd.edu
619-388-2609 Fax 619-388-2677

San Diego Miramar College
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619-388-7434 Fax 619-388-7929

San Diego State University (SDSU)
Mikael Bergdahl bergdahl@sciences.sdsu.edu
619-594-5865 Fax 619-594-4634

Southwestern College, Chula Vista
David Brown dbrown@swccd.edu
619-421-6700x5664 Fax 619-482-6503

University of California, San Diego (UCSD)
Judy Kim judyk@ucsd.edu
858-534-8080
Ghouri Ghosh gghosh@ucsd.edu
858-822-0469

University of San Diego (USD)
Debbie Tahmassebi debbiet@sandiego.edu
619-260-7454 Fax 619-260-2211

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CHEMPLOYMENT ABSTRACTS - August 2010

<p>CHEMPLOYMENT 750</p> <p>Position Title Associate Scientist/Medicinal Chemistry</p> <p>Job Description Celgene is looking for an expert synthetic chemist at our San Diego site. Candidate should be able to independently solve synthetic problems, propose viable synthetic routes, efficiently execute multistep synthesis, complete time-sensitive scale-ups, and productively synthesize analogs. Responsibilities include analog synthesis, synthetic method development, and SAR development. Experience with common analytical methods (NMR, HPLC), purification methods, and literature searching is required.</p> <p>QUALIFICATIONS DESIRED B.S. or M.S. in Chemistry or related science, with a minimum of 9 years pharmaceutical industry experience (M.S.) or 11 years (B.S.). Demonstrated team-worker who possesses excellent problem solving capabilities and can work efficiently.</p> <p>Description of Company Please visit our website www.celgene.com for more information about Celgene</p> <p>Application Instructions If you have the right qualifications, please visit the Celgene website http://www.celgene.com to apply. Job code 10873. EEO/AAP employer</p>		<p align="center"><i>Need to Practice Your Interviewing Skills? We Have the Solution.</i></p> <p><u>Build Interviewing Skills with InterviewStream</u></p> <p>If you're an ACS member looking for a new job, then ACS Careers has just made a great new tool available to you: Using InterviewStream, you can record a practice interview using a webcam, then get feedback on your interview skills from your friends, your colleagues, and ACS Career Consultants. InterviewStream's development module will provide you with the tools to learn about the interview process, conduct practice interviews, and receive feedback from ACS Career Counselors. InterviewStream users report a reduction in interviewing anxiety by an average of 35%. Your interview profile can be recorded from the privacy of your own computer at anytime or at the Career Fair in the Job Seeker Area by logging into your ACS Careers account and clicking View Demonstration on Interview Profile by going to: http://practice.interviewstream.com/demonstration/acs/Interviewstream%20ACS.htm or to www.acs.org/careers under the job seeker section.</p> <p align="center">*****</p> <p align="center"><i>Get Support from the ACS Career Experts!</i></p> <p>ACS Careers Job Club Webinar Forums features moderators Lisa Balbes, Ph.D., and James Burke, Ph.D., ACS Career Consultants with a combined 40 years of experience in assisting hundreds of job seekers in the chemical industry. The launch was Tuesday, March 9, 2010, with a 20-minute topic presentation followed by a Q&A session. Subsequent forums will be held the second Tuesday of every month from 1 to 2 pm ET. Please visit www.acs.org/careers to register for this free service!</p>
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UPCOMING EVENTS

<p><i>Seniors/Retirees/Consultants/etc. Breakfast</i> Wednesday, September 8, 2010 Marie Callender's Restaurant & Bakery 11122 Rancho Carmel Drive, San Diego</p> <p align="center">*****</p> <p align="center"><i>ChemExpo</i> Sunday, October 31, 2010 Casa del Prado Plaza, Balboa Park</p> <p align="center">*****</p> <p align="center"><i>Holiday Party</i> Thursday December 9, 2010</p>		
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Tentative Executive Board Meetings 2010

6 PM – 8 PM		
Thursday	August	5
Tuesday	September	7
Tuesday	October	5
Wednesday	November	3
Thursday	December (venue to be announced)	9
<p><i>Meetings will be held at Pharmatek Laboratories, Inc., 7330 Carroll Rd., Ste. 200, San Diego</i></p> <p align="center">http://www.pharmatek.com/</p>		

