

Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

Volume 28 No. 7

Reminder – July 15th Annual Family Picnic and Awards Ceremony

It's not too late to register for our section's summer picnic, which will be held on Saturday, July 15. The picnic will feature a beer tasting session led by former Section Treasurer David Nehrkorn, a catered BBQ picnic by Armadillo Willy's, and an award ceremony honoring our 50-year members and other award winners.

Information about the picnic is as follows:

Where: The Stanford Chemistry Department.

When: 4:30 p.m. Beer Tasting
5:30 p.m. buffet BBQ dinner
7:00 p.m. Awards

Directions:

From Route 101 (Bayshore Freeway) take University Avenue west

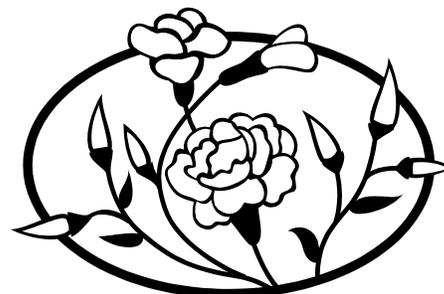
through Palo Alto. It becomes Palm Drive on the Stanford Campus. Turn right on Roth Way and continue to the Chemistry Department. Park in the parking structure on your right. Keck and Mudd chemistry buildings are across Roth Way from the parking structure.

From Route 280, take the Sand Hill Road exit. Drive east and turn right on Stock Farm Road. Then turn left on Campus Drive West and right on Roth Way. Park in the parking structure immediately on your left. Keck and Mudd chemistry buildings are across Roth Way from the parking structure.

A reservation form for this event is included below. You can also make

reservations by accessing the internet at our website: www.scvacs.org/Local_Folder/din_mtg.html

Remember, this is the one meeting where you have to send a payment with your reservation. The cost will be the same as it was last year: \$16 for adults, \$5 for kids 4-12, and kids under 4 free. Reservations and payments must be received by Monday, July 10.



RESERVATION FORM

Annual Family Picnic and Awards Ceremony

Stanford University – Saturday, July 15, 2006 Deadline for Reservation – Monday, July 10, 2005

Name(s): _____ Telephone No.: (_____) _____

No. of Reservations at \$16.00 _____

No. of Children (age of 4-12) at \$5.00 _____

Total Amount Enclosed\$ _____

Make check payable to: Santa Clara Valley Section – ACS

Mail check and reservation form to: Ms. Shirley Radding, 2994 Cottonwood Court, Santa Clara, CA 95051

Please check if you can volunteer: I can help set-up I can help clean-up

Chair's Message

For the last several months I have mentioned in this column that our local section will transition from both hard copy and web posting of this monthly newsletter to web posting only starting in August. August seemed a long ways away in January. Now August is soon upon us and we will all be reading our newsletter on the web. If you want to continue receiving a newsletter mailed to you, send us a letter at Santa Clara Valley Section, American Chemical Society, P.O. Box 395, Palo Alto, CA 94302 stating your wishes. Anyone may, of course, go on-line at www.scvacs.org and read our current newsletter or any of over five years of back issues. If you want to be notified by e-mail as to when the latest newsletter is posted on the web, join our e-mail group at SCVACS-newsletters-subscribe@yahoogroups.com.

The switch from a primarily hard copy to primarily a web based publication fits well with the Silicon Valley mantra of Better (we can publish color photos on the web), Faster (certainly faster than snail mail), and Cheaper (the postage saved from mailing over 3,000 copies a month can be applied to awards to local section students, outreach, and educational programs).

Most of you know that the fall ACS national meeting will be held in San Francisco this September 10 - 14. What you may not know is that there will be a unique opportunity to participate in a Presidential Event the Saturday before the meeting starts. Members of our local section and the California Section are organizing a public service event on Saturday, September 9th. You are offered the rare opportunity to work side by side with ACS President Ann Nalley and the ACS Board of Directors on these projects. For more information about the event and the option to be a team leader, contact Bonnie Charpentier (bcharpentier@genitope.com) of our local section or Lee Latimer of the California Section (lee.latimer@elan.com).

Since we are talking about a good time, I would be remiss not to mention our Annual Family Picnic and Awards Ceremony which will be held on Saturday, July 15, 2006 at Stanford. We will be treated to beer tasting and commentary by local brewmeister and local section member David Nehrkorn. Following David's presentation, we will have a picnic, honor our local section members who have been part of the ACS for 50 years, and bestow several awards. Reservation forms are located in this and last month's newsletters.

I hope to see you there.

Dave Parker

Happy Summer!



More on ACS Employment Services

Last month I gave you some important information on the Chemjobs Career Center, the onsite employment and career center for the September San Francisco ACS meeting (to use the services you must be registered for the ACS meeting).

If you are currently unemployed, your meeting dues can be waived. ACS members in good standing who become unemployed and are seeking full-time professional employment are eligible to have their meeting registration fees waived as well. To be eligible to register for the meeting in the 'Unemployed' category, your ACS membership record must indicate that you are currently in 'unemployed' status and you must enter your ACS membership number at the beginning of the registration process. If you have questions or need to change your status in the ACS membership database, you can contact ACS Member and Subscriber Services, 800-333-9511 (U.S. only) or 614-447-3776 (outside U.S.) or email: service@acs.org.

Before attending the meeting and the Chemjobs Center you may want to look at the publications that ACS

offers us all on the career website at <http://www.chemistry.org/portal/a/c/s/1/career.html?DOC=careers%5cpub02.html> and update your resume.

The ACS Career Services Catalog is a 2005 booklet that briefly describes the publications and offerings. The publications were written in the 2003-2005 timeframe and are quite well done. The Resume Preparation brochure is 46 pages long and discusses several types of resumes and gives samples of each, including samples of the all important cover letter. Interviewing Skills for the Chemical Professional is 43 pages long and discusses various techniques and skills needed for a successful interview. The section on FAQs that are asked during interviews is very helpful – especially the pages on handling 'illegal' questions! For the academic folks there is a new document that helps with writing the Curriculum Vitae (CV).

Remember to sign up for the onsite center at www.cen-chemjobs.org before you go to the fall ACS Meeting. Good luck!



Chemists in the Community Outreach at the San Francisco National Meeting

One of the outstanding strengths of ACS is the dedication of its members to volunteerism and service. The purpose of this comment is to inform you of an exciting new outreach effort to be initiated September 9 at the beginning of the national meeting in San Francisco. In this Presidential Event sponsored by Dr. Ann Nalley, ACS meeting attendees will be able to participate in a variety of service projects. I am particularly pleased to note that the Board of Directors has rearranged their meeting schedule to participate. This is a great opportunity to team up with other ACS members in worthwhile work and to be Chemists in the Community!

We are partnering with a community service organization, Hands On Bay Area, to identify and organize community projects. This partnership allows us to work with a group who are in touch with community needs and have extensive experience in running service projects. They, in turn, are excited about the prospect of working with ACS members who can

provide educational outreach as well. To support the project, members of the Santa Clara Valley Section and the California Section are attending training with Hands On Bay Area to be project leaders. We expect to make this an on-going collaboration for additional programs.

The staff at Hands On is also enthusiastic about the precedent of attendees at a large meeting getting out into the community to do service; they don't know if this has happened before, but think it's a great idea. This partnership is a win/win collaboration building on the strengths of each organization.

Project sites include the San Francisco Zoo, a neighborhood community center and schools or parks. The physical effort involved will vary so there will be a variety to accommodate volunteer capabilities and interests. Physically demanding work will be in the form of construction, clean-up, gardening, painting, etc., depending on the needs at the particular site. At sites where there will be

contact with the public, we also want to staff tables for chemistry experiments and distribution of National Chemistry Week and other educational materials. On Saturday, buses will provide transportation for volunteers to and from the work sites and a central meeting location. Water and box lunches will be provided.

Volunteers may sign up for morning and/or afternoon projects by logging on to www.handsonbayarea.org. There is space for about 300 volunteers, so please sign up early to reserve your space. To be able to confirm project sites, we would like to have a complete list of volunteers by August 9. Further instructions and information, including what to bring, where to meet, etc., will be provided to those who sign up. If you need more information, you may email the local organizers, Lee Latimer, Natalie McClure or Bonnie Charpentier, at communitychemists@yahoo.com.

Past-president Bill Carroll has written about the power of working with civic organizations to do service, give them a chance to meet chemists, and to talk about the benefits of chemistry to society (C&EN Comment, 04Oct04). Saturday, September 9, will provide us an opportunity to do this. It is an opportunity for the American Chemical Society members to use the transforming power of chemists to leave a national meeting city better than we found it!



Reminder

SIGN UP FOR EMAIL ALERTS!

Attention Readers: After August of this year, the newsletter will no longer be sent to all members. It will be published primarily on our website, www.scvacs.org. In order to be notified of new newsletters, subscribe to our Yahoo group by sending an email to SCVACS-newsletters-subscribe@yahoogroups.com. Every month, you will receive a short email when the newsletter is posted to the SCVACS website. This email group will be ONLY used for this purpose. You can unsubscribe at any time.



Sign up to be a Team Leader

San Francisco ACS National Meeting, Presidential Event

Community Service Project

Saturday, September 9th, 2006

Bonnie Charpentier and Natalie McClure of the Santa Clara Valley Section and Lee Latimer of the California Section are currently recruiting members to become team leaders for the San Francisco ACS National Meeting Presidential Event, which will be held on September 9, 2006.

We need 30 volunteers to be involved in the logistics and leading teams for that day. Experience with public service events is helpful or you can use this opportunity to get trained as a volunteer coordinator.

What you need to do to be a team leader:

- 1) Contact Bonnie Charpentier at charpentierbon@yahoo.com (Santa Clara Valley Section) or Lee Latimer, lee.latimer@elan.com (California Section) to sign up or get more information.
- 2) Register with Hands On Bay Area www.handsonbayarea.org to create an account. Please put "-ACS" after your name when you sign up.
- 3) Attend a new volunteer orientation. These are regularly scheduled throughout the Bay Area; we may organize a special one for us if there is interest.
- 4) Participate in 2 or more Hands On Bay Area activities. Many are regularly scheduled (please see the on-line calendar) and vary widely in locations and time commitments. There is some flexibility here, so

please contact us (see No. 1) if you have any hesitancy about the time commitment.

- 5) Attend a project leader training session. We'll probably do this together, but there are also regularly scheduled trainings.
- 6) On September 9, team up with other local section volunteers to lead the event. Responsibility on the day will mainly be to distribute and collect permission forms from

the volunteers, and keep track of your team to make sure everyone is on the bus. The volunteers will be meeting participants from all over the country (and world), so this will also be a great opportunity to get to know ACS members from other places.

We need at least one team leader for every 10 volunteers, and we expect at least 300 volunteers. We hope to set a precedent for service projects at future ACS meetings in other cities.

Please help us make this new outreach effort a success!



19th Rocky Mountain Regional Meeting

The Executive Committee of the 19th Rocky Mountain Regional Meeting of the ACS would like to invite you to attend "Chemistry at the Borders". We are pleased to announce that meeting registration and abstract submission are open. We invite you to submit your works in all areas of chemistry and interdisciplinary chemical research. Please visit the web site www.rmcs2006.arizona.edu for registration and abstract submission.

- Register early to ensure your place in ticketed events
- Please encourage students and co-workers to submit abstracts early
- Award nominations deadlines are rapidly approaching
- Travel scholarships are available for students
- Special room rates are available until all rooms are booked - \$99.00 per night up to quad occupancy

Program highlights:

- Extensive programming for undergraduate and graduate students and chemical educators
- Interdisciplinary symposia and sessions
- Small business and technology transfer symposia
- Workshops include Biological Mass Spectrometry, Photoelectron Spectroscopy for Chemical Educators, High School and Intermediate Science Education workshops

For detailed programming, awards, exhibit, sponsorship, and travel information please visit our website at www.rmcs2006.arizona.edu.

We look forward to seeing you in the Old Pueblo in October!



CHEMPLOYMENT ABSTRACTS JULY 2006

CHEMPLOYMENT ABSTRACT 3854

Position Title: Research Associate I/II/III – Instrumental Analysis

Job Description: Will utilize optical spectroscopy, PXRD, GC and GCMS techniques to support structure & material characterization of pharmaceutical research compounds from discovery through API synthesis and preclinical development.

QUALIFICATIONS DESIRED:

Education: BS/MS in Chem with 0-6, years of relevant experience. PhD may also be considered.
Experience: Must have strong background in analytical chemistry, particularly in PXRD & GCMS as well as in optical spectroscopy (FTIR, Raman, ICP-OES, CD, and VCD). Good understanding of statistical concepts as applied to anal chem and competence in the use of computerized analytical instruments & data systems is expected. Excellent communication skills & the ability to work in a team environment is essential.

LOCATION, SALARY, MAIL ADDRESS:

Job Location: Palo Alto, CA

Employer Description: We are committed to discovery and early clinical development of human pharmaceuticals.

Application Instructions: Apply online at <http://PaloAlto.Roche.com> and search by keywords: Instrumental Analysis (Job Requisition 100398).

CHEMPLOYMENT ABSTRACT 3855

Position Title: Sr. Research Scientist - Process Research

Job Description: We seek an experienced synthetic organic chemist to conceive, explore, develop and optimize synthetic routes to drug candidates and establish processes for bulk production. Other responsibilities include route scouting, reaction optimization, and scale-up demonstration and support of contract manufacturers.

QUALIFICATIONS DESIRED

Education: Ph.D degree in Organic Chemistry
Experience: Prefer 6 - 8 years relevant experience including a demonstrated track record of innovating multi-step syntheses and scaling-up of processes based upon those sequences in a kilo-lab or pilot plant environment. Must also have experience writing batch records, technical reports, summaries, process descriptions and operating in a GMP environment.

LOCATION, SALARY, MAIL ADDRESS:

Job Location: Foster City, CA

Salary: Depends on Experience

Employer Description: Gilead Sciences is a biopharmaceutical company that discovers, develops and commercializes innovative therapeutics in areas of unmet need. The company's mission is to advance the care of patients suffering from life-threatening diseases worldwide.

Application Instructions: Please apply online at www.gilead.com/careers - Req. #BF 6-731

CHEMPLOYMENT ABSTRACT 3856

Position Title: Research Associate - Process Research

Job Description: Responsibilities will include organic synthesis, conducting route scouting, reaction screening, and scale-up activities toward development compounds. Will also optimize chemical reactions, isolations, separations, purifications and crystallizations, using techniques such as HPLC, TLC and NMR to monitor reactions and assess purity.

QUALIFICATIONS DESIRED

Education: BS/MS in Chemistry or related field
Experience: Lab experience in multistep organic synthesis and/or synthesis methodology is required. Must be familiar with modern spectroscopic methods applied to structure determination including 1H and 13C NMR, infra-red spectroscopy, and mass spectroscopy. Experience in the use of preparative chromatography and analytical HPLC and GC instrumentation preferred.

LOCATION, SALARY, MAIL ADDRESS:

Job Location: Foster City, CA

Salary: Depends on Experience

Employer Description: Gilead Sciences is a biopharmaceutical company that discovers, develops and commercializes innovative therapeutics in areas of unmet medical need. The company's mission is to advance the care of patients suffering from life-threatening diseases worldwide.

Application Instructions: Please apply online at www.gilead.com/careers - Req. #BF 6-722

CHEMPLOYMENT ABSTRACT 3857

Position Title: Sr. Research Associate - Process Research

Job Description: Responsibilities will include organic synthesis, conducting route scouting, reaction screening, and scale-up activities toward development compounds. Will also optimize chemical reactions, isolations, separations, purifications and crystallizations, using techniques such as HPLC, TLC and NMR to monitor reactions and assess purity.

DESIRED QUALIFICATIONS

Education: BS/MS in Chemistry or related field
Experience: At least 2 years practical lab experience in multistep organic synthesis and/or synthesis methodology is required. Must be familiar with modern spectroscopic methods applied to structure determination including 1H and 13C NMR, infra-red spectroscopy, and mass spectroscopy. Experience in the use of preparative chromatography and analytical HPLC and GC instrumentation preferred.

LOCATION, SALARY, MAIL ADDRESS:

Job Location: Foster City, CA

Salary: Depends on Experience

Employer Description: Gilead Sciences is a biopharmaceutical company that discovers, develops and commercializes innovative therapeutics in areas of unmet medical need. The company's mission is to advance the care of patients suffering from life-threatening diseases worldwide.

Application Instructions: Please apply online at www.gilead.com - Req. #RF 6-561

CHEMPLOYMENT ABSTRACT 3858

Position Title: Sr. Research Associate - Formulations Development

Job Description: Will plan, execute, and analyze the results of experiments leading to preclinical, clinical, and commercial oral/parenteral/topical formulations and manufacturing. Will also participate in the manufacture of clinical and toxicological batches and provide support as required to maintain analytical equipment and pilot plant processing equipment.

QUALIFICATIONS DESIRED

Education: BS/MS degree in Pharmaceutical Chemistry, Chemical Engineering or Physical Organic Chemistry

Experience: Must have at least 1 year of relevant industry experience, excellent verbal and written communication skills and strong analytical/problem-solving skills. Familiarity with modern analytical and chromatographic techniques preferred. Strong mechanical aptitude, desire to work in chemistry and product development, and formulations experience very helpful.

Job Location: Foster City, CA

Salary: Depends on Experience

Employer Description: Gilead Sciences is a biopharmaceutical company that discovers, develops and commercializes innovative therapeutics in areas of unmet medical need. The company's mission is to advance the care of patients suffering from life-threatening diseases worldwide.

Application Instructions: Please apply online at www.gilead.com - Req. #BF 6-732

CHEMPLOYMENT ABSTRACT 3859

Position Title: R&D Chemist

Job Description: Aid in the development of new products and master formula updates. Research technologies via medical journals and industry publications. Work with vendors to research new raw materials. Document, profile and abstract pertinent research data. Assist in identifying emerging technologies and the corresponding medical validation. Assist with or facilitate product safety and efficacy testing. Assist with regulatory issues. Research medical and scientific data in order to provide product validation. Assist with quality control.

QUALIFICATIONS DESIRED:

Education: Bachelor of Science
Experience: Five years in industry related product development experience with focus on cosmetics and/or cosmetics; Demonstrated success developing breakthrough product innovations; Strong oral and written communication skills; Experience as a formulation chemist

LOCATION, SALARY, MAIL ADDRESS:

Job Location: San Jose, CA

Salary: Depending on experience

Employer Description: Jan Marini Skin Research is a leader in the professional skin care market distributing exclusively to physicians and skin care professionals. The company reflects Jan Marini's commitment to identifying, developing and marketing technologically advanced topical skin care treatments. Jan Marini Skin Research is a leader in the professional skin care market distributing exclusively to physicians and skin care professionals.

Application Instructions: Please send your resume to h.r@janmarini.com or fax to 408-362-0110

CHEMPLOYMENT ABSTRACT 3860

Position Title: LC Sales Specialist

Job Description: Eksigent is looking for a scientist to interact with customers to assist with new instrument sales. Applicants will demonstrate Eksigent's HPLC systems with a variety of mass specs using nano and microspray ESI sources; Write application notes; work directly with end users on methods development and interfacing systems to mass specs; Assist in the development of technical sales strategies; Prepare and present seminars and provide training and troubleshooting; Maintain demo instrumentation in good working order; Evaluate and provide feedback on new products prior to release.

QUALIFICATIONS DESIRED:

Education: BS/MS degree in Chemistry or Biochemistry or equivalent, Ph.D. preferred.
Experience: 5+ yrs lab exp. in the field of chromatography; Operating HPLC and LC/MS systems; HPLC method development required; Using nanospray LC/MS/MS for proteomics preferred. Excellent communication skills; Industrial experience providing pre/post sale technical support to a sales organization and presenting technical seminars is strongly desired. Ability to travel up to 50%.

LOCATION, SALARY, MAIL ADDRESS:

Job Location: Dublin, CA

Salary: Depends on experience

Employer Description: Eksigent creates innovative instrument systems and devices that provide productivity and precision to critical life science applications.

Application Instructions: forward your resume to jobs@eksigent.com and reference "SCV- LC Sales Specialist" on the subject line or fax to 925-803-0719.

CHEMPLOYMENT ABSTRACT 3861

Position Title: Chemist

Job Description: In this pivotal role, you will design/synthesize novel organic molecules as drug candidates, interact with biologists & pharmacologists on project teams, and utilize bioassay results to expedite our drug discovery process. Excellent spectroscopic skills (NMR, MS) and a solid understanding of separation (HPLC, flash chromatography) methods are a must.

QUALIFICATIONS DESIRED:

Education: BS/MS in chemistry or a Ph.D. in organic chemistry.
Experience: 0-5 years of postdoctoral experience in organic synthesis or equivalent with 5-10 years of medicinal chemistry experience, and strong interpersonal & problem-solving skills are essential. Experience with process development/ parallel synthesis is a plus.

LOCATION, SALARY, MAIL ADDRESS:

Job Location: Hayward, CA

Salary: DOE

Employer Description: Metabolex, a privately held biotechnology company located in the San Francisco Bay area, is engaged in the discovery and development of novel therapeutics for the treatment of diabetes and related metabolic diseases.

Application Instructions: Send resume to: Metabolex, Inc., HR Department, Attn: (Job# BSP0620-C), 3876 Bay Center Place, Hayward, CA 94545, FAX: (510) 293-6857, email: jobs@metabolex.com





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<http://www.scvacs.org>

To receive emails when newsletters are published on our web site, send an email to SCVACS-newsletters-subscribe@yahoogroups.com.

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Newsletter

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FUTURE MEETINGS

- Jul 15** Summer Picnic, Awards, and 50 Year Member Recognition
Chemistry Department,
Stanford University
Dr. David Nehrkorn
Beer Testing!
- Jul 19** BioScience Forum
Dr. Mark Davis
Stanford University
School of Medicine
www.biosf.org/programs.htm
- Sep 10-14** 232nd National ACS Meeting
San Francisco, California
- No SCV Dinner Meeting Scheduled for August and September**
- Oct 22-28** National Chemistry Week
Theme: Your Home - It's all
Built on Chemistry

For the latest information,
please visit SCV/ACS web
site: www.scvacs.org



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